

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

COLUMBUS

July 1, 1968 to June 30, 1969

1968 - 1969

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN W. BRICKER, Columbus ¹	May 14, 1962	May 13, 1969
BERTRAM D. THOMAS, Santa Barbara ²	October 13, 1965	May 13, 1970
JACK G. GIBBS, Columbus ³	May 5, 1969	May 13, 1970
JOHN G. KETTERER, Canton	October 18, 1963	May 13, 1971
FREDERICK E. JONES, Columbus	October 18, 1963	May 13, 1972
MERVIN B. FRANCE, Cleveland ⁴	September 16, 1964	May 13, 1973
FREDERICK R. ECKLEY, Cleveland ⁵	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977

OFFICERS

JOHN W. BRICKER, *Chairman*
BERTRAM D. THOMAS, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
EDWARD Q. MOULTON, *Secretary*⁶
GORDON B. CARSON, *Treasurer*

¹ Served two previous terms (1948-1962).

² Appointed to fill unexpired term of Carlton S. Dargusch; resigned October 11, 1965. Dr. Thomas resigned April 8, 1969.

³ Appointed to fill unexpired term of Bertram D. Thomas, beginning April 9, 1969, with appointee taking office May 5, 1969.

⁴ Resigned April 4, 1969.

⁵ Appointed to fill unexpired term of Mervin B. France, beginning April 5, 1969, with appointee taking office May 5, 1969.

⁶ Elected effective November 1, 1968 to replace John T. Mount, resigned.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 11, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, July 11, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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July 11, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Recommendations on Possession and Consumption of Alcoholic Beverages

President Fawcett presented the following statement and recommendations regarding the possession and consumption of alcoholic beverages:

From time to time during recent years, students on this campus have raised questions about the possession and consumption of 3.2 beer in fraternity houses and residence halls and about the dispensing of 3.2 beer in the Ohio Union. Also members of the Faculty Club have repeatedly expressed a desire to have the privilege of being served alcoholic beverages after 5:00 p. m. on week days in the Faculty Club.

During the 1967-68 academic year, formal proposals to permit such possession and consumption have been submitted through the appropriate channels to my office for review and for possible submission to the Board of Trustees. Copies of these proposals have been transmitted to members of the Board for study as they became available and the last proposal, which was developed by our Campus Residence Hall Associations, reached my office early in June. After all proposals were in my hands, I attempted to analyze them as judiciously as I could with the thought in mind of making what I consider to be an appropriate recommendation to this Board.

Regardless of my personal views on this matter (alcoholic beverages are not and will not be served in the President's House), I have a responsibility to respond as thoughtfully and as appropriately as I can and to do so in accordance with what appears to be the most appropriate direction in which this institution might move at this point in time.

First of all, I want to commend the organized student groups that have considered this matter in substantial depth and have developed thoughtful documents in support of their views. A few observations would appear to me to be in order.

The proposal from the fraternity system was considered by the respective units through a local option vote for which there was not unanimous support.

The proposal from the Campus Residence Hall Associations was voted upon by only 49% of the occupants and with only about two-thirds of those voting favoring the right to possess and consume 3.2 beer in the dormitories.

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Recommendations on Possession and Consumption of Alcoholic Beverages (continued)

Both proposals argue the point strongly that, by giving students a right to make their own decisions on this matter, a significant contribution to effective self government would be made. Both proposals ignore the fact that students are assigned to living quarters which means that the institution would introduce into the atmosphere of a single living unit a problem on which there can be an honest difference of opinion among students and their parents. It is true that most of our students are eighteen years of age or older and, under the laws of the State of Ohio, have a right to consume 3.2 beer if they choose to do so. It is not right, in my view, to force a student to live in a setting where the use of 3.2 beer is permitted and which might be repugnant for a variety of reasons to other occupants who must reside there.

The proposal to permit the serving of 3.2 beer in the Ohio Union was supported unanimously by the voting members of the Ohio Union Council who were present when the matter was considered. The Ohio Union Council is made up of students, faculty, alumni and administrators. The sale and distribution of 3.2 beer in the Ohio Union would be limited to restricted areas. Any student enrolled at The Ohio State University, if he chooses to do so, could go to the Ohio Union, buy and consume 3.2 beer in accordance with the requirements of the proposal or he could stay away from that environment if he chooses to do so. In terms of today's social standards, I am unable to find a valid reason for opposing this proposal.

Concerning the proposal to serve alcoholic beverages in the Faculty Club after 5:00 p. m. on week days, I find that considerably more than half of the membership expressed a view through a preference poll of voting members and that three-fourths of those responding favor the proposal. The atmosphere of the Faculty Club in the evenings is little different from the atmosphere of other fine clubs in this community and in others. Membership is limited to members of the faculty and other adults in the community who have met the qualifications for membership over the years and who have been voted into membership by the club members themselves. The people who frequent the Club do so by choice, and I can find no valid reason for imposing a double standard on members of the faculty during the evening hours simply because the Faculty Club happens to be located on the campus. I have, therefore, decided to support this proposal as I would expect to support a similar proposal for the Center for Tomorrow when it opens.

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Recommendations on Possession and Consumption of Alcoholic Beverages (continued)

I, therefore, make the following recommendations:

- (1) That the proposals from the fraternities and the Campus Residence Hall Associations be denied.
- (2) That the proposal from the Ohio Union to serve 3.2 beer in restricted areas on the premises be approved.
- (3) That the proposal from the Faculty Club to serve alcoholic beverages after 5:00 p. m. on week days be approved.

Upon the suggestion of the Chairman, Mr. Bricker, each of the above recommendations were voted upon individually and the actions taken were as follows:

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees by unanimous roll call vote approved the President's recommendation that the proposals from the fraternities and the Campus Residence Hall Associations relating to the possession and consumption of 3.2 beer be denied.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by a vote of five to three, with Messrs. Bricker, Ketterer, France, Shocknessy and Dunlap voting affirmatively and Messrs. Jones, Hilliker and Safford voting negatively, approved the President's recommendation that the proposal from the Ohio Union Council to serve 3.2 beer in restricted areas on the premises of the Ohio Union be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Board of Trustees by a vote of six to two, with Messrs. Bricker, Ketterer, Jones, France, Shocknessy and Dunlap voting affirmatively and Messrs. Hilliker and Safford voting negatively, approved the President's recommendation that the proposal from the Board of Directors of the Faculty Club to serve alcoholic beverages after 5:00 p. m. on week days be approved.

B. Amendments to Rules for the University Faculty
(31.07, 31.0701, 31.0705, 35.07, 37.09, 49.03)

The Faculty Council on June 4, 1968, approved the following changes in the Rules for the University Faculty.

President Fawcett recommended therefore that the following Rules for the University Faculty be amended as recorded in Appendix I, page 43, of the minutes of this meeting:

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Amendments to Rules for the University Faculty
(31.07, 31.0701, 31.0705, 35.07, 37.09, 49.03) (continued)

- (1) Rule 31.0701 in item "a" the words National Defense Studies be added before the alternatives listed to meet that requirement.
- (2) Rules pertaining to marks given for work completed in University courses be modified to include "PA/NP--Pass/Non-Pass" in all references to marks in Rules 31.0705, 35.07, 37.09 and 49.03.

Upon motion of Mr. Ketterer, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to make said revisions in the Rules for the University Faculty.

C. Policy Governing Residency Status of Students
Enrolled on Branch Campuses

On June 8, 1967, the Board of Trustees adopted a revised policy governing the residency status of students enrolled at The Ohio State University to comply with the section of the Ohio Board of Regents Rule No. 2, which section defines the residency status of students enrolled on the branch campuses and in academic centers of state-assisted institutions. The Ohio Board of Regents at the June 21, 1968 meeting amended the above-referred-to Rule to provide immediate residency status to adult students and to minor students whose parents establish residence and are gainfully employed in the State of Ohio. The Rule as previously stated required the student to reside in the State of Ohio for a minimum of twelve consecutive months preceding date of enrollment in branch campus or academic center programs to be considered an Ohio resident.

Therefore, for the purpose of clarification and consistency, President Fawcett recommended that the policies governing residency status for students enrolled in branch campuses and academic centers of The Ohio State University, as adopted on June 8, 1967, be revised to concur in principle with those adopted by the Ohio Board of Regents.

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

D. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on August 30, 1968, 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 47.)

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

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Physics Building

The Cabinet has proposed, in consultation with the Professor and Chairman of the Department of Physics and the Acting Dean of the College of Mathematics and Physical Sciences, that the Physics Laboratory Building, located at 174 West 18th Avenue, be named the "A. W. Smith Laboratory of Physics," in memory of the late Dean Emeritus Alpheus W. Smith. Dr. Smith served as Chairman of the Department of Physics and Astronomy from 1926 to 1946, in addition to carrying responsibility as Dean of the Graduate School for the period 1938-1946. After his retirement, he served as President of The Ohio State University Research Foundation from 1946 to 1957. Upon his retirement, a citation as recorded in the Board of Trustees' minutes reads as follows: "Dean Smith's statesmanship has brought the Graduate School to a position of national and international recognition."

President Fawcett recommended therefore that in accordance with the Bylaws of the Board of Trustees that the above-referred-to building be officially named the "A. W. Smith Laboratory of Physics."

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

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II. PERSONNEL CHANGES

In presenting the recommendations for changes in personnel, President Fawcett addressed himself to the importance of achieving some realignment of personnel within the central administrative structure of the University. He stated that as the University continues to grow, the magnitude of administrative responsibility that must be assumed by the central staff increases. He added that it has been his policy to re-examine the administrative structure from time to time and to recommend such modifications as are required to effect efficiency in the management of the administrative concerns of the officers of the University.

The President then made the following statement:

Because of the rapid growth of The Ohio State University and the changes that are taking place constantly in the field of higher education, I wish to propose that certain changes in the structure of the central administrative staff and certain changes in the assignment of personnel be approved. These changes are designed to enable the University to respond more effectively to the particular demands now being placed upon it and to deploy the personnel in an effort to draw upon the greatest strengths of our people. I, therefore, recommend:

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

That there be established the new position of Vice President for University Development, effective September 1, 1968, or as soon thereafter as the position can be filled.

That the title of John T. Mount, Vice President for Educational Services, Secretary of the Board of Control of the Ohio Agricultural Research and Development Center and Secretary of the Board of Trustees, be changed to Vice President for Student Affairs, effective August 1, 1968, at an annual rate of \$29,568.00.

That Dr. John T. Bonner, Jr., Executive Dean for Student Relations, be named to the position of Vice President for Educational Services, effective August 1, 1968, at an annual salary rate of \$25,488.00.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the recommendation to establish the position of Vice President for University Development, the appointment of John T. Mount as Vice President for Student Affairs and the appointment of John T. Bonner, Jr. as Vice President for Educational Services were approved by unanimous roll call vote, and that these redefined administrative functions of the Office of University Development, the Office of Educational Services and the Office of Student Affairs be incorporated in the Rules for the University Faculty and By-Laws of the Board of Trustees and be reflected in the next editorial revision of those documents.

In addition to the foregoing personnel recommendations, President Fawcett recommended that all personnel changes since the June 13, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following additional faculty Appointments, Promotions, Leaves of Absence Without Salary and Emeritus Title:

A. Appointments

Lois Ann Lund, Associate Dean of the College of Agriculture and Home Economics and Professor in and Director of the School of Home Economics, and Professor in the Cooperative Extension Service, effective January 1, 1969, at a salary of \$19,140.00 per annum for 85 per cent of full time. Dr. Lund will hold the academic rank of Professor in the Department of Home Economics at the Ohio Agricultural Research and Development Center for 15 per cent of full time.

Richard L. Cameron, Assistant Dean of the University College, effective August 5, 1968, at a salary of \$14,208.00 per annum.

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Leon M. Dorfman promoted from Professor to Professor and Chairman of the Department of Chemistry, effective July 1, 1968, and with a salary of \$25,368.00 per annum, effective October 1, 1968.

Reed M. Powell promoted from Professor in the Department of Business Organization to Assistant Dean and Director of the Division of Research in the College of Administrative Science, effective July 1, 1968, and with a salary of \$19,728.00 per annum, effective October 1, 1968. Dr. Powell will continue to hold the academic rank of Professor in the Department of Business Organization at No Salary.

Robert G. Turnbull promoted from Professor to Professor and Chairman of the Department of Philosophy, effective October 1, 1968, at a salary of \$21,168.00 per annum.

C. Leaves of Absence Without Salary

John F. Cuber, Professor, Department of Sociology, effective July 1, 1968 through September 30, 1968, to engage in research and writing.

Paul E. Fertig, Professor, Department of Accounting, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Michigan.

Dan McLachlan, Jr., Professor, Department of Mineralogy, effective July 1, 1968 through July 31, 1968, to be a Visiting Professor at Washington State University, Pullman, Washington.

Robert J. Nordstrom, Professor, College of Law, effective October 1, 1968 through September 30, 1969, to serve as a Visiting Professor at Duke University.

John C. Rule, Professor, Department of History, effective October 1, 1968 through December 31, 1968, to pursue research under a grant by the Folger Library in Washington, D. C.

Dale W. Adams, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 1, 1968 through June 30, 1969, to work as a Staff Economist in the Office of Program and Policy Coordination, AID/State Department, Washington, D. C.

Bradford W. Wild, Associate Professor, College of Optometry, effective July 1, 1968 through September 30, 1968, to write a book.

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Barbara Jane Clancy, Assistant Professor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Wilford Thomas Crump, Assistant Professor, College of Dentistry, effective October 1, 1968 through September 30, 1969, for personal reasons.

John T. Demos, Assistant Professor, University Libraries, effective July 1, 1968 through July 31, 1968, to study for the Ph. D. degree.

William K. Latshaw, Assistant Professor, Department of Veterinary Anatomy, effective July 1, 1968 through June 30, 1969, to accept a Visiting Professorship at the University of Saskatchewan.

Sandra Jane Sorensen, Assistant Professor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Martha E. Welch, Assistant Professor, Department of Anatomy, effective July 1, 1968 through June 30, 1969, to accept a traveling professorship for the coming year.

Arthur I. Bell, Instructor (County Extension Agent, 4-H) Pickaway County, Cooperative Extension Service, effective July 1, 1968. (Military Leave)

Judith Ann Floyd, Instructor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Judith Ann Stickney, Instructor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Alice P. Wiren, Instructor, University Libraries, effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement.

D. Emeritus Title

Henry M. Moser, Department of Speech, with the title Professor Emeritus, effective July 1, 1968.

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

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July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

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

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 research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. 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 National Institute of Mental Health Project No. 1653-D - Ext. #4 - College of Pharmacy).
Gross Value - \$17,467.00.
- a2. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 1673-A - Mod. #5 - Department of Metallurgical Engineering).
Gross Value - \$16,000.00.
- a3. Department of Health, Education and Welfare, Public Health Service, General Research Support Branch, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as Division of Research Facilities and Resources Project No. 1775-D - Sup. #5 - College of Dentistry).
Gross Value - \$51,697.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843-D - Ext. #4 - College of Dentistry).
Gross Value - \$24,864.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967-C - Ext. #3 - College of Pharmacy).
Gross Value - \$26,922.00.
- a6. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #3 - Department of Physics).
Gross Value - \$20,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a7. National Science Foundation, Washington, D. C. , Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Transamination (to be known as National Science Foundation Project No. 2145 - Amend. #2 - Department of Chemistry).
Gross Value - \$36,000.00.
- a8. Agency for International Development, Washington, D. C. , Technical Assistance to the Government of Ecuador in Human Resource Development and Planning (to be known as Agency for International Development Project No. 2158 - Amend. #12 - Department of Economics).
Gross Value - \$23,500.00.
- a9. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Treated and Untreated Potential Delinquents - Follow Up (to be known as National Institute of Mental Health Project No. 2225-B - Ext. #2 - Department of Sociology).
Gross Value - \$34,788.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390 - Sup. #2 - College of Pharmacy).
Gross Value - \$39,685.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 4N Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393-A - Ext. #1 - Department of Chemistry).
Gross Value - \$24,471.00.
- a12. National Aeronautics and Space Administration, Manned Spacecraft Center, General Research Procurement Branch, Houston, Texas, Research on Effect of in vivo 100% Oxygen on Red Cells (to be known as National Aeronautics and Space Administration Project No. 2432 - Mod. #2 - Department of Medicine).
Gross Value - \$20,000.00.
- a13. Department of Health, Education and Welfare, Public Health Service, Bureau of Health Services, Division of Community Health Services and Medical Care Administration, Arlington, Virginia, Self Medication and Community Health (to be known as Division of Community Health Services and Medical Care Administration Project No. 2448 - Sup. #1 - College of Pharmacy).
Gross Value - \$12,922.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ohio Medlars Center (to be known as National Institutes of Health Project No. 2487 - Mod. #1 - Department of Medicine).
Gross Value - \$105,397.00.
- a15. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. , Pilot Scale Study of Acid Mine Drainage (to be known as Federal Water Pollution Control Administration Project No. 2504 - Mod. #3 - Departments of Chemical Engineering and Civil Engineering).
Gross Value - \$39,000.00.
- a16. Federal Aviation Administration, Oklahoma City, Oklahoma, Research Study on Piloting Performance in Light Aircraft (to be known as Federal Aviation Administration Project No. 2626 - New - Department of Preventive Medicine).
Gross Value - \$26,582.00.
- a17. National Science Foundation, Washington, D. C. , Purchase of an Automated X-Ray Diffractometer (to be known as National Science Foundation Project No. 2627 - New - Department of Chemistry).
Gross Value - \$80,000.00.
- a18. National Science Foundation, Washington, D. C. , Statistical Mechanics (to be known as National Science Foundation Project No. 2628 - New - Department of Physics).
Gross Value - \$21,000.00.
- a19. National Science Foundation, Washington, D. C. , Chlorosulfonyl Isocyanate to the Preparation of Unusual Nitrogen Heterocycles (to be known as National Science Foundation Project No. 2629 - New - Department of Chemistry).
Gross Value - \$66,300.00.
- a20. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Provide for the Adjustment of World-Wide Gravity Measurements Into a Homogenous First Order Net and Uniform Calibration Standard (to be known as Air Force Systems Command Project No. 2630 - New - Department of Geodetic Science).
Gross Value - \$20,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a21. National Science Foundation, Washington, D. C. , Glaciology and Meteorology of Anvers Island, Antarctica (to be known as National Science Foundation Project No. 2631 - New - Institute of Polar Studies).
Gross Value - \$20,300.00.
- a22. National Science Foundation, Washington, D. C. , Geology of the Beardmore Glacier Area, Antarctica (to be known as National Science Foundation Project No. 2632 - New - Institute of Polar Studies).
Gross Value - \$16,900.00.
- a23. National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama, Preparation of Pigments for Space-Stable Thermal Control Coatings (to be known as National Aeronautics and Space Administration Project No. 2633 - New - Department of Ceramic Engineering).
Gross Value - \$20,075.00.
- a24. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C. , Early Diagnosis of Infectious Diseases (to be known as U. S. Army Medical Research and Development Command Project No. 2634 - New - Department of Medicine).
Gross Value - \$33,507.00.
- a25. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Human Performance Processes (to be known as Air Force Systems Command Project No. 2639 - New - Department of Psychology).
Gross Value - \$24,000.00.
- a26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Studies in Experimental Atherosclerosis (to be known as National Institutes of Health Project No. 2642 - New - Department of Pathology).
Gross Value - \$36,857.00.
- a27. National Science Foundation, Washington, D. C. , Problems Concerning the Lenz-Barlotti Classification of Projective Planes (to be known as National Science Foundation Project No. 2644 - New - Department of Mathematics).
Gross Value - \$4,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a28. National Science Foundation, Washington, D. C. , Spin Wave Resonance in Thin Ferromagnetic Films (to be known as National Science Foundation Project No. 2646 - New - Department of Physics).
Gross Value - \$50,000.00.
- a29. National Science Foundation, Washington, D. C. , Carbenic Processes: Diazo Compounds and Related Intermediates (to be known as National Science Foundation Project No. 2649 - New - Department of Chemistry).
Gross Value - \$75,000.00.
- a30. National Science Foundation, Washington, D. C. , Collaborative Research on Trade and American Economic Development (to be known as National Science Foundation Project No. 2651 - New - Department of Economics).
Gross Value - \$20,900.00.
- a31. National Science Foundation, Washington, D. C. , Pedology of Trinity Peninsula and Offshore Islands (to be known as National Science Foundation Project No. 2652 - New - Institute of Polar Studies).
Gross Value - \$17,700.00.
- a32. National Science Foundation, Washington, D. C. , Class Number Relations in Fields of Algebraic Functions (to be known as National Science Foundation Project No. 2653 - New - Department of Mathematics).
Gross Value - \$5,300.00.
- a33. National Science Foundation, Washington, D. C. , On the Total Curvature of C^1 Immersed Manifolds (to be known as National Science Foundation Project No. 2654 - New - Department of Mathematics).
Gross Value - \$4,900.00.

TOTAL - Government Contracts - Federal \$1,036,034.00

2. Government Contract - State

- a1. State of Ohio, Department of Education, Columbus, Ohio, Statistical Analysis for the Ohio Department of Education (to be known as State of Ohio, Department of Education Project No. 2643 - New - Department of Accounting).
Gross Value - \$228.10.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts

- a1. Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Caries (to be known as Procter & Gamble Co. Project No. 2065 - Ext. #3 - College of Dentistry).
Gross Value - \$41,864.00.
- a2. Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Calculus (to be known as Procter & Gamble Co. Project No. 2070 - Ext. #3 - College of Dentistry).
Gross Value - \$25,031.00.
- a3. University of Kansas, Engineering Science Division, Center for Research, Inc., Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas Project No. 2552 - Ed. #3 - Department of Electrical Engineering).
Gross Value - \$4,800.00.
- a4. American Iron and Steel Institute, New York, New York, Thermodynamics of Iron Alloys (to be known as American Iron and Steel Institute Project No. 2636 - New - Department of Metallurgical Engineering).
Gross Value - \$23,400.00.
- a5. Milheim Foundation, The Colorado National Bank, Denver, Colorado, Subcellular Localization of Labeled Carcinogenic Hydrocarbons on the Skin of Hairless Mice (to be known as Milheim Foundation Project No. 2637 - New - Department of Medicine).
Gross Value - \$12,511.00.
- a6. Hynite Corporation, Oak Creek, Wisconsin, Hydrolyzed Leather Meal Feeding to Broilers (to be known as Hynite Corporation Project No. 2640 - New - Department of Poultry Science).
Gross Value - \$2,400.00.
- a7. Price Waterhouse & Co., New York, New York, Accelerated Depreciation and Tax Allocation: The Effects of Various Asset Expenditure Patterns (to be known as Price Waterhouse & Co. Project No. 2641 - New - Department of Accounting).
Gross Value - \$7,342.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts (continued)

- a8. Illinois Institute of Technology Research Institute, Chicago, Illinois, Dynamic Differential Thermal Analysis Spectra (DDTA) on Pigment Specimens (to be known as Illinois Institute of Technology Research Institute Project No. 2647 - New - Department of Ceramic Engineering).
Gross Value - \$1,000.00.
- a9. Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts, Investigation of Modified Dipoles (to be known as Massachusetts Institute of Technology Project No. 2648 - New - Department of Electrical Engineering).
Gross Value - \$26,871.00.
- a10. American Heart Association, New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as American Heart Association Project No. 2650 - New - Department of Physiological Chemistry).
Gross Value - \$13,200.00.

TOTAL - Industrial and Other Contracts \$158,419.00

The foregoing forty-four contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,194,681.10.

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

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

During the period from May 28, 1968 through June 25, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research agreements. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 208 Development of Instrumentation to Measure Pavement
Ext. #11 Thickness, Ohio Department of Highways, Columbus,
Ohio.
Gross Value - \$32,760.00.

EES 298 Statistical Analysis of Aggregate Size Distribution, Ohio
Ext. #2 Department of Highways, Columbus, Ohio.
Gross Value - \$39,420.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Research Contracts (continued)

- EES 314 A Study of Soil-Structure Interaction to Reinforced Concrete
Culvert Pipes, Ohio Department of Highways, Columbus,
Ohio.
Gross Value - \$15,000.00.
- EES 315 Development of a Methodology for Evaluating Road Signs,
Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$76,500.00.
- SC 76 A Short Course on Traffic Engineering Studies for Safety
Improvements, Ohio Department of Highways, Columbus,
Ohio.
Gross Value - \$2,100.00.

TOTAL - Government Research Contracts \$165,780.00

2. Industrial Research Contracts

- EES 313 A Study of Frost Removal from Extended Heat Exchangers,
Edison Electric Institute, New York, New York.
Gross Value - \$44,408.00.
- EES 316 Study of Fluid Flow and Force Generation With a Flash-
ing Fluid, National Board of Boiler and Pressure Vessel
Inspectors, Columbus, Ohio.
Gross Value - \$4,159.00.
- SC 74 OCD Architects and Engineers, Professional Development
Courses, Fall, 1968, National Society of Professional
Engineers, Washington, D. C.
Gross Value - \$14,674.00.

TOTAL - Industrial Research Contracts \$63,241.00

The foregoing eight contracts for research in the Engineering Experiment
Station represent a gross income of \$229,021.00.

C. Memorandum of Agreement Between The Ohio State University
and the Department of Mental Hygiene and Correction

In the interest of furthering public education in Ohio through the use of plays
published by the American Theatre Wing, the Family Service Association of
America and the Human Relations Aids, President Fawcett recommended
that The Ohio State University and the Department of Mental Hygiene and
Correction enter into an agreement whereby the Division of Theatre of the

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement Between The Ohio State University and the Department of Mental Hygiene and Correction (continued)

College of the Arts will provide supervisory services through the employment of a person to be in charge of the project and the Division of Mental Hygiene and Correction will provide funds to cover all costs of such services.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign on behalf of the University the agreement referred to above.

D. Agreement 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 for the fiscal year 1968-69, and that the contracts for teacher-training and special services in the following areas be approved:

Vocational Home Economics
Vocational Agriculture
Trade and Industrial Education
Distributive Education
Business and Office Education
Guidance Services

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.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 13, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$1,791,920.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Division of Physician Manpower, Arlington, Virginia 22203, to the University for support of the Allied Health Training Center, under the direction of the College of Medicine. (Grant No. 1 J07-PM-AH-00441-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$200,000.00 granted by Department of State, Agency for International Development, Washington, D. C. 20523, to the University for the project "Soil Fertility - Plant-Water Relationships in India," under the direction of the Department of Agronomy, for five years. (Grant AID/csd-1928)
3. \$153,884.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, under the direction of the University Libraries, for the period June 17, 1968 through June 30, 1969. This grant is made under Title II-A, Higher Education Act of 1965. (Grant No. OEG-0-8-045039-0430)
4. \$117,680.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Administration of Institutional Grants for Science." (GU-3008)
5. \$98,515.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the project "Occupational Health," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 UI 01038-06)
6. \$84,043.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the "School of Extracorporeal Circulation Specialists," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. AHP 7-4B-68)
7. \$81,570.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for an "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1968 through June 30, 1969. (Grant No. AHT-69-010)
8. \$80,671.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the project "Medical Cardiology Training Grant," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 HE05546-08)
9. \$78,050.00 granted by Department of Health, Education and Welfare, Public Health Service, 800 North Quincy Street, Arlington, Virginia, to the University for "Health Professions Educational Improvement Program," under the direction of the College of Optometry, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T02 ME 1165-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

10. \$69,995.00 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, 1968 through June 30, 1969. (Grant No. 5 T01 NB05585-02)
11. \$59,702.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Instructional Equipment Grants Program." This grant is made under Part A, Title VI, Higher Education Act of 1965. (Project No. 03-074027)
12. \$55,443.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of University College Building No. 1. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. 4-5-00403-0)
13. \$44,013.00 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, 1968 through July 31, 1969. (Grant No. NPG-319-01)
14. \$40,232.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH06530-12)
15. \$34,293.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the "Development of Graduate Curriculum in Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 55503-01-68)
16. \$26,500.00 granted by Public Administration Service, Chicago, Illinois, to the University for the "Study and Design of an Agriculture Credit Scheme for the Muda and Kemubu Irrigation Projects for Malaysia."
17. \$24,732.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Pharmaceutical Science Training for Dental Research," under the direction of the College of Pharmacy, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 DE00203-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

18. \$24,700.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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, 1968 through September 30, 1969. (Grant No. OEG-0-8-070154-3702)
19. \$20,747.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Multidepartmental Training Grant," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 HE05659-04)
20. \$20,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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. (Grant No. OEG-3-7-000158-2037)
21. \$14,043.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 NB05529-03)
22. \$13,800.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for training teachers in the area of Mental Retardation, under the direction of the College of Education, for the period June 1, 1968 through August 31, 1969. (Grant No. OEG-0-8-003161-3161 031 - Revisions Nos. 1 and 2)
23. \$9,818.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for an "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010 A)
24. \$8,538.00 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, 1968 through June 30, 1969. (Grant No. 1 T01 GM01805-01)
25. \$4,420.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201, to the University for a "Child Welfare Training Grant," under the direction of the School of Social Work, for the period June, 1968 through November 30, 1968. (Project No. 68-45-ST)

TOTAL - Administered Through the Office of Business and Finance
\$3,157,309.00

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$20,000.00 from the Council on Industrial Relations for the Electrical Contracting Industry for the Industrial Technology Scholarship Fund.
2. \$13,500.00 from The Richardson Foundation, Inc., Greensboro, North Carolina, for the Richardson Foundation Fund.
3. \$12,491.89 from the American Medical Association, Chicago, Illinois, for the National Fund for Medical Education.
4. \$11,250.00 from the Estate of Helen C. Kennedy, Xenia, Ohio, for the T. J. Kennedy Family Fund.
5. \$10,000.00 from the Estate of Mrs. Clara L. E. Nordholt, Tiffin, Ohio, for the John B. Nordholt Memorial Scholarship Fund.
6. \$9,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for the Lubrizol Foundation Fellowship for Chemistry, \$4,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
7. \$8,780.72 from Judge Henry L. Scarlett for the establishment of the Henry L. Scarlett Fund.

Henry L. Scarlett Fund

The Henry L. Scarlett Fund was established July 11, 1968, by the Board of Trustees of The Ohio State University by a gift through The Ohio State University Development Fund from Judge Henry L. Scarlett, B. A. '01, LL. B. '03, Columbus, Ohio.

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

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College.

In the event that the College of Law as it now exists shall be altered in any reorganization of University colleges, schools and departments, then the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of Law as recommended by the appropriate administrative official of the University then directly responsible for legal education at the University.

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$6,500.00 from Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania, for the Merck & Company Research Fund in Thoracic Surgery.
9. \$5,500.00 from University Music Organizations, Columbus, Ohio, for the Music Scholarship Fund.
10. \$5,120.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
11. \$5,100.00 from Mr. Julius F. Solomon, Lima, Ohio, for the Solomon Family Memorial Fund.
12. \$4,355.74 from Dr. William H. Havener for the Ophthalmologic Center Fund.
13. \$4,200.00 from Union Carbide Corporation--\$3,000.00 for the Union Carbide Company Scholarship Fund and \$1,200.00 for the Union Carbide Fellowship - Welding Engineering.
14. \$4,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Fund for Chemistry.
15. \$3,375.00 from the United Health Foundation, Inc. Research for the United Health Foundation of Central Stark County.
16. \$3,250.00 from Lederle Laboratories for the Schering Corporation Allergy Research Fund.
17. \$3,000.00 from the Columbus Jewish Welfare Foundation (In the name of Mrs. Sara M. Beckman) for the Theodore N. Beckman Fund for Research in Marketing.
18. \$2,000.00 from The East Ohio Gas Company as an unrestricted gift to the University.
19. \$2,000.00 from Clyde G. Conley for the Clyde G. Conley Fund for Engineering.
20. \$2,000.00 from Mrs. Julon Moser for The Ohio State University Scholarship Fund.
21. \$2,000.00 from National Welding Supply Association for the National Welding Supply Association Student Loan Fund in Welding Engineering.
22. \$2,000.00 from the Woodrow Wilson National Fellowship Foundation, 32 Nassau Street, Princeton, New Jersey, for the Woodrow Wilson National Fellowship Foundation Fund.

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$1,600.00 from Drs. Hollenbeck, Holzaepfel, Williams and Zartman for the Education, Publications and Research Obstetrics Fund.
24. \$1,500.00 from G. D. Searle & Company for the G. D. Searle & Company Research in Medicine Fund.
25. \$1,250.00 from Mrs. Gladys Ford Clark and friends of the late Edgar C. Clark for the establishment of the Edgar C. Clark Memorial Fund.

Edgar C. Clark Memorial Fund

The Edgar C. Clark Memorial Fund was established July 11, 1968, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from Professor Clark's widow, Mrs. Gladys Ford Clark, B.Sc. H. E. '41, and from friends, in tribute to the late Edgar C. Clark, Columbus, Ohio, former professor and member of the faculty in the Department of Engineering Mechanics from 1930 to 1966.

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 annually to provide an award to a student or a faculty member of the College of Engineering. The student or faculty member is to be selected by the Dean of the College of Engineering, following whatever criteria he selects.

Should the need for these awards cease to exist or so diminish as to provide unused income, or should the College of 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 engineering education.

26. \$1,000.00 from Dr. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
27. \$1,000.00 from Mrs. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$146,273.35

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A gift of a Flexowriter - Model SPD from Friden, Inc. - Division of the Singer Company for use in the Admissions Office of the University.

Upon motion of Mr. Dunlap, seconded by Mr. Jones, the Board of Trustees authorized the acceptance of the above grants and gifts and the establishment of the above-named funds by unanimous voice vote.

D. Change in Name of Fund Previously Established

At the request of the Ohio State Restaurant Association's Board of Trustees, who represent the major donors to the Restaurant Industry Fund, which was established on May 11, 1948, President Fawcett recommended that the name of the Fund be changed to the LeVelle Wood Development Fund.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the change in the name of the Restaurant Industry Fund to the LeVelle Wood Development Fund by unanimous voice vote.

E. Report from The Ohio State University Development Fund

In May, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,808	\$ 71,475.80
Individuals other than alumni	101	13,251.49
Nonprofit organizations	47	122,944.77
Business concerns	28	33,179.53
	<u>4,984</u>	<u>\$240,851.59</u>

Of these gifts, 3,881 totaling \$33,474.48 were undesignated and 1,103 totaling \$207,377.11 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

The President reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 179999, 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; and Corporation gifts for general University purposes for fiscal year 1967-68.

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

National Science Foundation

310042	Education - Richardson	\$ 5,186.79
310044	Chemistry - Gassman	325.97
310045	Pharmacy - Parks	399.89
310050	Mathematics - Ross	3,036.00
310053	Speech - Yeager	705.10
310054	Economics - Fleisher	278.13
310056	Physics - Riley	626.37
310057	Mathematics - Meike	724.78
310064	Education - Richardson	2,186.70
310065	Mathematics - Riner	3,289.07
310066	Geology - Spieker	825.23
310067	Education - Schlessinger	2,076.72
310068	Engineering - Yarrington	1,472.24
310069	Mathematics - Ross	2,908.75
310071	Chemistry - Ouellette	1,007.26

Total National Science Foundation \$ 25,049.00

U. S. Department of Health, Education and Welfare

320076	NIH - Institute of Nutrition - Johnson	\$ 1,851.06
320079	NIH - Biochemistry - Snell	1,395.80
320083	NIH - Otolaryngology - Saunders	669.97
320087	NIH - Pharmacology - Marks	29.87
320098	NIH - Psychiatry - Gregory	3,698.83
320100	NIH - Zoology - Wharton	3,814.17
320101	NIH - Preventive Medicine - Shillito	4,025.90
320102	NIH - School of Nursing - Newton	1,571.59
320104	NIH - School of Social Work - Shimp	2,402.96
320105	NIH - Medicine - Skillman	3,052.70
320106	NIH - Obstetrics and Gynecology - Besch	1,417.45
320107	NIH - Psychology - Meyer	1,031.43
320108	NIH - Medicine - Weissler	1,850.68
320109	NIH - Psychology - Wherry	2,847.67
320110	NIH - Obstetrics and Gynecology - Ullery	1,919.00
320111	NIH - Sociology - Sletto	2,305.91
320112	NIH - Psychology - Wickens	1,655.79
320113	NIH - Medicine - Warren	4,546.76
320114	NIH - Medicine - Wooley	1,513.54
320115	NIH - Pharmacology - Hollander	1,460.00
320116	NIH - Psychiatry - Gregory	1,209.00
320117	NIH - Pharmacology - Marks	3,935.08
320118	NIH - Dentistry - Bruce	2,364.25
320119	NIH - Natural Resources Institute - Dambach	2,411.13
320120	NIH - Dentistry - Trippy	2,693.61
320121	NIH - Psychiatry - Gregory	2,832.00
320122	NIH - School of Social Work - Cornell	192.00
320123	NIH - School of Social Work - Shimp	2,411.27

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

320124	NIH - Surgery - Hunt	\$	2,250.44
320126	NIH - Veterinary Pathology - Cole		8,855.47
320127	NIH - Pathology - VonHaam		1,534.78
320128	NIH - Surgery - Zollinger		4,825.44
320130	NIH - Ophthalmology - Makley		2,846.00
320131	NIH - Industrial Engineering - Rockwell		3,123.25
320132	NIH - Veterinary Physiology and Pharmacology - Hamlin		1,792.07
320133	NIH - Medicine - Allen		2,131.31
320134	NIH - Medicine - Mengel		2,295.31
320135	NIH - Otolaryngology - Saunders		7,421.42
320136	NIH - Pathology - Cerilli		2,931.60
320145	NIH - Pathology - Greider		1,083.34
320148	NIH - Physics - Nelson		1,887.68
320151	NIH - Veterinary Physiology and Pharmacology - Hamlin		1,450.72
320201	NIH - Pathology - Greider		433.16
330002	Children's Bureau - Pediatrics - Knobloch		930.58
330003	Children's Bureau - School of Social Work - Schneiderman		3,175.33
330023	PHS - Preventive Medicine - Keller		3,991.74
330024	VRA - Physical Medicine - Nagi		13,858.06
330028	VRA - Physical Medicine - Johnson		10,073.19
330029	VRA - School of Allied Medical Professions - Locher		1,351.61
330030	VRA - Speech - Schlanger		1,447.05
330031	VRA - School of Allied Medical Professions - Woods		685.39
330032	VRA - Sociology - Nagi		1,352.54
330035	Children's Bureau - Psychology - Rie		253.91
340020	OE - Geography - Brown		95.10
340026	OE - Center for Vocational and Technical Edu- cation - Taylor		8,843.69
340027	OE - Slavic Languages and Literatures - Twarog		6,136.07
340041	OE - Center for Vocational and Technical Education - Taylor		263,581.08
340042	OE - Center for Vocational and Technical Education - Taylor		570.00
340043	OE - Education - King		5,185.00
340044	OE - Education - Allen		8,907.38
340045	OE - Education - Eberhart		7,717.82
340046	OE - Education - Gibbony		6,345.92
340047	OE - Education - Ray		8,181.16
340049	OE - Center for Vocational and Technical Education - Taylor		328.67
340050	OE - Psychology - Walsh		5,131.22
340051	OE - Center for Vocational and Technical Education - Miller		4,936.94

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

340052	OE - Slavic Languages and Literatures - Twarog	\$ 7,600.00
340062	OE - Center for Vocational and Technical Education - Taylor	<u>440.16</u>
Total U. S. Department of Health, Education and Welfare		<u>\$477,091.02</u>

Miscellaneous

390004	AID - Service Charges for Participants	\$ 3,114.00
390006	AID - India - Education	25,000.00
390009	USN - M. E. N. D. - Shillito	613.71
390010	Veterans' Administration - \$1.00	1,705.42
390013	Veterans' Administration - 10%	161.35
390014	Education Development Center - Engineering	12,999.64
390020	AID - Brazil - Agriculture	35,000.00
390033	AID - Africa - Commerce	801.14
390034	AID - India - Punjab Agricultural University	5,000.00
390035	AID - India - University of Udaipur	5,000.00
390041	AID - Purdue University (subcontract)	6,350.58
390042	AID - India - Education	15,000.00
390043	AID - Michigan State University (subcontract)	1,708.33
390044	AID - Correspondence Courses	4,000.00
390045	Wright-Patterson Graduate Center	24,116.93
390054	AID - University of Illinois (subcontract)	3,606.98
410025	BUCO Workshop - Peters	863.10
410030	State Department of Education - Jennings	320.00
531037	Continental Casualty Company	<u>20,165.00</u>
Total Miscellaneous		<u>\$165,526.18</u>

Grand Total \$667,666.20

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the transfer of the above amounts to Account 179999, University Treasurer General Fund.

B. Transfers to Plant Funds

During the fiscal year 1967-68, the following transfers were made from current funds to plant funds.

Account Description	B/A	Transferred from B/A	Amount
Laboratory Animal Facility Center	801021	179999	\$297,000.00
George Wells Knight House	801030	180008	(5,367.39)
Center for Tomorrow	801035	189999	200,000.00
		226396	536,000.00

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

Account Description	B/A	Transferred from B/A	Amount
Ohio Union - South Wing	801039	180008	\$ 11,000.00
Administration Building - 2nd Floor	801047	180008	(3,340.76)
University Hospital - Operating Rooms	801072	960200	(25,000.00)
Recreational Facilities Lighting	801075	180008	(18,956.34)
Speech Theater - River Union	801083	180008	377,282.24
Wiseman Hall Incinerator	801085	960200	800.00
University Hospital - Air Condition- ing Project #1584	801087	960200	(331.98)
University Hospital - Water Piping System	801088	960200	(7,529.07)
Aircraft Apron and Fire-Crash Building	801089	179015	5,950.00
University Hospital - TV Studio - N-437	801093	960200	(9,820.05)
Hamilton Hall Renovation	801094	960200	3,000.00
Land	801099	179999	6,000.00
University Center - Wright State Golf Course Club House	801105	179992	56,789.35
University Hospital - 2nd Floor Corridor	801118	999000	175,000.00
	801122	960200	10,000.00
Ice Rink - Locker Space	801125	921400	32,225.38
Military Science Remodeling	801127	226314	80,000.00
University School Remodeling	801134	189999	19,700.00
Conversion of No. 5 Boiler	801136	121658	46,458.37
TB Hospital - 5th Floor	801139	960200	20,000.00
University School Remodeling	801140	179999	150,000.00
University Hospital - Room N-1046	801142	960200	25,600.00
Power Plant - Boiler Conversion	801143	179999	23,100.00
University Hospital - 4th Floor Corridor	801147	960200	29,341.00
Van de Graaff Laboratory Addition	801148	139999	120,000.00
Power Plant - Boiler No. 3	801149	121658	65,000.00
Main Library Elevator	801152	121658	25,000.00
Agricultural Administration Build- ing - Heating and Air Condition- ing	801153	129010	45,000.00
Sisson Hall - Remodeling West Wing	801154	129110	67,630.00
Power Plant Elevator	801155	121658	25,000.00
Starling-Loving - Electrical System	801156	960200	57,000.00
Derby Hall - Computer Facility	801158	189999	125,000.00
Horticulture and Forestry Green- house Utilities	801159	125999	12,655.59
		522459	3,164.76

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

Account Description	B/A	Transferred from B/A	Amount
Horticulture and Forestry			
Plastic Greenhouses	801160	522459	\$ 10,787.00
Horticulture Building - Remodel	801162	189999	185,000.00
Garage and Laundry - Remodel	801163	189999	200,000.00
Journalism Building - Remodel	801164	189999	25,000.00
Hospital - Capital Reserve	809998	960200	900,000.00

President Fawcett recommended that the above transfers be approved.

Upon motion of Mr. Jones, seconded by Mr. Safford, the Board of Trustees approved the above transfer of funds by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

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

A. Brown Hall Remodeling

This project will provide for the Colleges of Arts and Sciences Placement Office and college offices for the College of Humanities.

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801165 (Construction Account for Brown Hall Remodeling).

B. Lord Hall Remodeling

This project will provide space for the Microfilm Department which will be moved from Brown Hall.

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801166 (Construction Account for Lord Hall Remodeling).

C. Denney Hall Remodeling

This project will provide college offices for the College of Social and Behavioral Sciences and the College of Mathematics and Physical Sciences, offices for the Undergraduate Dean and conference rooms.

July 11, 1968 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Denney Hall Remodeling (continued)

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801167 (Construction Account for Denney Hall Remodeling).

D. University College - Building #4

This building is an academic building, providing general classrooms, psychology laboratory, art studios, two lecture halls and faculty and administrative offices.

Funds for this project are provided from Item 315-056, H. B. 949, Item 315-056, H. B. 886; Budget Account 801070 (West Union); and Budget Account 801146 (Title I Federal Grant).

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

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VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

43 Approves the transfer of \$12,656.50 from Item 315-016 Medical Complex, H. B. 886, to Item 315-052 Mental Retardation Center, H. B. 886, and releases this amount for expenditure for architect's fees.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Main Library - Purchase of Hebraica and Judaica Book Collection

Pampiere Wereld Antiquariaat, Amsterdam, has presented a proposal to the Office of Academic Affairs for the purchase of 10,000 selected volumes of Hebraica and Judaica including approximately 30 items of utmost rarity for the sum of \$290,000.00.

The President recommended that this purchase be approved and that the Vice President for Business and Finance be authorized to proceed to accept the proposal dated March 22, 1968, and that payment for this collection be made from Budget Account 131553. Payment will be \$90,000.00 in 1967-68, \$100,000.00 in 1968-69 and \$100,000.00 in 1969-70.

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

July 11, 1968 meeting, Board of Trustees

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

B. School of Allied Medical Professions - Employment of Architects

On November 9, 1967, the Board of Trustees approved the employment of Holroyd and Myers to prepare preliminary drawings and data required to accompany the University's application for Federal funds with the understanding that if the project proceeded beyond the preliminary stage, their contract would be extended.

Approval of the Federal grant has been received, and President Fawcett recommended therefore that Holroyd and Myers be employed to provide architectural and engineering services for this project including basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and complete supervision of construction.

The fee for this service shall be based on the standard fee schedule and will be an estimated \$146,300.00 with funds being provided from Item 315-062, H. B. 886, and a Public Health Service Grant.

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

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Harry Clifford Ramsower, Director Emeritus of the Ohio Cooperative Extension Service. 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 Clifford Ramsower

The Board of Trustees of The Ohio State University expresses its sorrow at the death June 16, 1968, of Harry C. Ramsower, Director Emeritus in the Ohio Cooperative Extension Service.

Dr. Ramsower was born January 6, 1880, near Granville, in Licking County, Ohio. He attended the Granville Public Schools and Doane Academy in Granville. He received his Bachelor of Science degree at The Ohio State University in 1906. He became the first Chairman of the Department of Agricultural Engineering at The Ohio State University in 1908 and served in that capacity until 1920, at which time he became Director of the Ohio Cooperative Extension Service. His Master's and Doctor of Philosophy degrees in education were completed at Harvard University in 1925 and 1930, respectively.

July 11, 1968 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Harry Clifford Ramsower (continued)

Dr. Ramsower's association with The Ohio State University spanned nearly sixty years--first as a student, then as the first Chairman of the Department of Agricultural Engineering, and for twenty-nine years as Director of the Cooperative Extension Service in Agriculture and Home Economics. While serving as Department Chairman, he wrote a textbook, Equipment for the Farm and Farmstead, widely used in high schools and colleges throughout the country.

While he was charting the course for the development of Cooperative Extension work in Ohio, Dr. Ramsower was carrying his concept of Extension work to the national scene. He exerted wide influence as a member of several national committees of the American Association of Land-Grant Colleges and State Universities, notably those dealing with Extension Organization and Policy, Youth and Postwar Agricultural Policy. After retirement in 1948, he served as a consultant for the Inter-American Institute of Agricultural Sciences, serving in Uruguay, Paraguay, Brazil, Argentina, Chile and Guatemala. In 1956, he was called to Korea to draft legislation for an Extension program for that country.

Dr. Ramsower was a recipient of an honorary degree of Doctor of Humane Letters by his Alma Mater at the Winter Quarter Commencement in 1962, the centennial year of the signing of the Land-Grant College Act of 1862. Harry C. Ramsower had a love of the land and of the people who draw from it their livelihood and their way of life. From this love, he has created a living contribution that touched every rural home in Ohio and continues to grow in scope and influence and in depth of its significance.

On behalf of the University community, the Board of Trustees expresses to the family of Director Emeritus Ramsower its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

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X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 21, 1968

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on June 21, 1968, approved the allocation of funds in the following amounts to The Ohio State University for the 1968-69 fiscal year for the programs listed below:

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 21, 1968 (continued)

(1) Regents' Program of Summer Teacher Institutes and Workshops--directed by the College of Education	\$165,000.00
(2) Technical Services Program--directed through the Division of Continuing Education	37,519.00
(3) Student Development Programs (including special instructional materials and use of special learning equipment)	70,000.00
(4) Special Teacher Education Programs--directed through the College of Education	100,000.00
(5) Developmental Instruction and Research Programs	390,000.00

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above report was accepted by unanimous roll call vote.

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History

President Fawcett presented the following statement and recommendation concerning the case of Assistant Professor David E. Green:

Dr. David E. Green is an Assistant Professor of History completing his first year of faculty service at The Ohio State University. Upon advice received from students, University staff members, and others, certain allegations concerning Dr. Green's activities on April 5 and 30, 1968, were outlined by Dean Charles Babcock, College of Humanities, and referred to a special faculty hearing committee pursuant to faculty Rule 21.07 (Tenure; Procedure for Termination). This Committee was chaired by Professor Robert Fisher (Mathematics) and its membership included Professor Albert Kuhn (English) and Professor George St. Pierre (Metallurgical Engineering). The functions of the special committee as outlined in Rule 21.07 include to 'make findings of fact (concerning the allegations) and such recommendations as it may deem appropriate' and to 'submit these to the President' who 'shall have the sole right to make final recommendations to the Board of Trustees.'

I have now received the report of the special committee including both findings of fact and recommendations, have responded to the report with several questions concerning both interpretations of facts and the recommendations, and have received a reply from the committee to my response. Along with the summary report of the committee, I have received and studied eighteen exhibits related to the committee hearings and the complete, verbatim transcript of the hearings.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History (continued)

Briefly stated, the allegations against Dr. Green involve the destruction of his selective service draft card in a classroom on April 5, 1968, the encouragement of students to emulate his act, the solicitation of funds on the campus for the purpose of providing arms for Negro citizens, involvement in the violation of the University guest speaker rules and procedures in connection with a campus meeting on April 30, 1968, involvement in events which led to an attack on a news photographer during that campus meeting, and the encouragement of students to violate University rules. The committee, in a letter to me dated July 3, 1968, confirms that there is 'some degree of truth' in each of these allegations except for the final one which was not supported by evidence gathered during the hearings.

The committee finds, specifically, that Dr. Green did burn his draft card in a classroom setting on April 5, 1968; did make statements which could reasonably be understood by students to be encouragement to destroy draft cards or to contribute money to arm Negroes; did engage in activities in connection with the April 30, 1968, meeting which were in technical violation of the University guest speaker rules; and did, at least by omission if not by commission, have a part in the creation of the situation which led to an attack upon a news photographer at the meeting of April 30, 1968.

In analyzing its findings, the special committee concludes that Dr. Green has been guilty of 'serious lack of judgment (April 5, 1968),' and 'poor judgment (April 30, 1968).' Upon the basis of the total hearings, the social context of the specific events, the inexperience of Dr. Green, and testimony relating to Dr. Green's competency as a historian and a teacher, the committee finds that the facts as it reviews them do not support a charge of 'grave misconduct' and recommends that Dr. Green be placed on probation in a disciplinary sense in addition to his regular probationary status as a non-tenured faculty member.

While I am sympathetic to and understand the views of the special faculty committee, I cannot share its judgment that the findings as revealed in the hearing transcript do not support a charge of 'grave misconduct.' Mindful of the intent of Rule 21.07 to provide for a faculty determination of fact in a termination case, but equally mindful of the assignment of responsibility by Rule 21.07, I cannot in good conscience submit to you a recommendation which differs with my judgment concerning the findings. Rule 21.07 appears to me to contain a major internal inconsistency in that it does mandate the division of fact-finding from final recommendation. The rule undoubtedly requires further amendment to clarify the procedures it seeks to outline. But Rule 21.07 as it now exists is the Rule which I must follow.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History (continued)

Accordingly, I do find that the facts as gathered by a special faculty committee pursuant to Rule 21.07 and as amplified in correspondence between me and the committee do support the charge that Dr. David E. Green has been guilty of grave misconduct and I do, therefore, recommend that his services at The Ohio State University be terminated effective, as required by Rule 21.07, after one year's notice of this decision except if otherwise ordered by the Board of Trustees. In making this recommendation, I have given due weight to the recommendations of the special faculty committee, but have concentrated my analysis upon the findings of fact presented by the committee rather than upon the committee recommendation. I see no other alternative given the requirements of the Rule under which this case has been pursued.

Mr. Jones responded that he was confident that other members of the Board of Trustees concurred with him in the full disagreement with the recommendations of the Faculty Committee and that they agreed with President Fawcett in his conclusion and recommendation; however, in order to keep faith with the citizens of Ohio he moved that David E. Green be discharged, effective immediately.

Mr. Hilliker in seconding the motion stated that, "I personally see the conduct of David E. Green nothing less than disgraceful. In my judgment, this motion is long past due and I therefore strongly second the motion."

Upon roll call vote, the Board unanimously approved the above motion as presented by Mr. Jones.

C. Report on Fire in Lincoln Tower

President Fawcett made the following report:

I had hoped this morning to be able to present to you the report from the National Fire Protection Association on the fire in Lincoln Tower. Because of the volume of work that has faced the Association in recent weeks, we are advised that the report will not be finished before the end of this week and probably will not be in our hands until sometime next week. In the meantime, it should be noted that in accord with the suggestions of the State Fire Marshal, the University is proceeding to install sprinklers in the living rooms of the separate suites of the Tower. The installation, I am advised, will be completed before the beginning of the Autumn Quarter.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Fire in Lincoln Tower (continued)

As an interesting sidelight, I should report to you that about thirteen hundred delegates were here a couple of weeks ago to attend the Annual Meeting of the American Dairy Science Association. Delegates and their families were housed in the Towers and these people, from nearly every state in the Union, were high in their praise of the accommodations. Men, women and children lived in the Towers during the Conference. Our people in Dairy Science and Dairy Technology have advised me that the delegates left the Conference with the feeling that they had occupied the finest housing that has ever been made available to them during their National Conferences.

D. Report on University Hall

President Fawcett presented the following report:

The University Hall has been secured as far as the north wing is concerned with the only use thereof being an access route to the fire escape at the north end of the building. The fire escapes on the building have been stiffened with steel supports.

C. Curtiss Inscho & Associates are now studying the program of requirements for University Hall. While there are no sketches available at the moment, renderings will be ready for the Board of Trustees at the September meeting together with preliminary layouts.

It is expected that Inscho & Associates will examine the possibility of using modified Georgian architecture for this facility.

E. President Fawcett's Report on Disciplinary Action Taken Against Students Who Participated in the April 26, 1968 "Lock-in" in the Administration Building

President Fawcett reported that University disciplinary action has been taken against eight Ohio State University students identified as having participated in the April 26 "lock-in" of the Administration Building. Two of the students already had been dismissed for academic failure and two had withdrawn from the University. The records of these four students have been tagged to prevent their readmission to the University without special permission of the chief student personnel officer. The other four students have been dismissed from the University. Two of these remaining four already were on academic probation. Of the remaining twenty-six students alleged to have participated in the "lock-in," ten have been dismissed for academic reasons and five have withdrawn from the University. The records of these students have been tagged. In accordance with long established University policy, names of students involved in disciplinary actions are never released.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee

President Fawcett then reported that it was his understanding that the special committee (consisting of the attorney members of the Board of Trustees--Messrs. Bricker, Ketterer and Shocknessy), who were appointed at the special meeting of the Board on April 30, 1968, is prepared to report.

Mr. Shocknessy, speaking on behalf of the Committee, stated that the Committee had met and had given careful consideration to those Rules which were submitted by President Fawcett at the time of the special meeting of the Board on April 30, 1968, and had made a few textual changes which are not substantive in nature. Mr. Shocknessy then moved that pursuant to Section 3345.21 of the Revised Code of Ohio, as adopted by the 107th General Assembly, that the following Rules be added to the Rules for the University Faculty. He stated further that it is the Board's understanding that the said Rules as submitted to the Board were discussed at a special meeting of the Faculty Council held on Tuesday, April 30, 1968, at which time they were approved by unanimous vote of the members present.

51.03. Rule on Group Disruption.

Section 1. No student shall, by joining with one or more persons, enter or remain in any building or facility or upon any land of the University where not authorized or where not legally in or upon same or though authorized or legally in or upon same and after being notified to depart therefrom by a University official in charge thereof, faculty member, uniformed police officer or any person delegated such authority by the Board of Trustees or the President of the University.

Section 2. No student shall, by joining with one or more persons, commit or make preparation for or movement toward or continue in the performance of an act which is intended to disrupt any authorized program, operation or function of the University, after having been advised by a University official or faculty member in charge of such program, operation or function, uniformed police officer or any person delegated such authority by the Board of Trustees or the President of the University that such act is in disruption of such authorized program, operation or function.

Section 3. No student shall, by joining with one or more persons, detain, hold, intimidate, injure or threaten to injure or coerce by bodily harm any persons lawfully within any buildings, facilities or upon lands of the University, or any University officer or faculty or staff member in the pursuit of his University duties, or to seize, hold, commandeer, damage or threaten to do damage to such buildings, facilities or lands.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee (continued)

51.03. Rule on Group Disruption. (continued)

Section 4. Any student who violates any section or sections of Rules 51.03 and 51.05 shall, upon being found guilty after hearing by the appropriate committee, be suspended from the University for not less than one academic quarter but such penalty may include expulsion with or without criminal prosecution in municipal, state or federal courts.

Section 5. University police officers are authorized to enforce the By-Laws and Rules of the University as authorized by Section 3345.04 and Section 3345.21 of the Ohio Revised Code and to eject or to arrest, detain, and bring before the appropriate committee, official or tribunal of the University any student upon view or information alleged to be in violation of University Rules.

Nothing in the foregoing shall prohibit police officers or other University personnel from bringing appropriate civil or criminal actions.

51.05. Rule on Individual Disruption.

Any individual student who is found to have been engaged in disruptive acts enumerated in Rule 51.03 by the University Committee on Discipline shall be subject to penalty including expulsion as may be determined by the University authority or authorities who are authorized by the Board of Trustees to impose discipline, with or without prosecution in the civil court.

29.2725. University Committee on Discipline.

Section 1. The standing University Committee on Discipline shall be composed of six members appointed by the President for terms of three years each, two retiring each year, four of whom shall be members of the University faculty, one of whom shall be a University administrator and one of whom shall be a student.

Section 2. Such Committee shall hear on first appeal student discipline cases where an appeal is taken either by the appropriate University official or by any student from any disciplinary action by his College, University Committee or other properly authorized University adjudicatory body, only of those cases where the penalty originally assessed was suspension, dismissal or expulsion; and such Committee shall have original jurisdiction to hear cases of alleged student

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee (continued)

29.2725. University Committee on Discipline. (continued)

violation of the Rules 51.03 and 51.05 brought before it by any University police officer, or University employee or officer or any member of the faculty, and shall determine whether such rules have been violated.

Section 3. The Committee shall have authority to order, upon a temporary hearing, forthwith and immediate suspension of a student pending a full hearing upon the merits under the Rules of 51.03 and 51.05 and shall enact such procedural rules as it deems appropriate, but all such hearings upon the merit shall be conducted pursuant to procedural rules requiring notice to the student of charges against him and affording him opportunity to present witnesses, evidence and testimony and to have representation.

Mr. Ketterer seconded the motion which was approved by unanimous roll call vote of the Board of Trustees.

G. Summer Enrollment Report

President Fawcett reported that the University enrollment for the current Summer Quarter is expected to reach an all-time summer high of 15,360. The estimate represents an increase of more than 1,000 over last summer's total of 14,351. According to the report from Vice President John T. Mount, approximately one-third of the enrollment (some 5,300), will be at the graduate level, an increase of 150 over 1967 figures in this category. The President further reported that according to information from Mr. Mount there will be 24,927 persons scheduled to come to the campus during the Summer Quarter to participate in workshops, symposia and various other continuing education programs.

H. Report on the University's Investment Portfolio

The report dated July 10, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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July 11, 1968 meeting, Board of Trustees

XI. COMMITTEE APPOINTMENTS FOR 1968-1969

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

Finance and Investment Committee

Mervin B. France, Chairman
Frederick E. Jones
James W. Shocknessy
William C. Safford

Retirement and Insurance Committee

John G. Ketterer, Chairman
Don M. Hilliker
John H. Dunlap

Development Fund Board of Directors (One-year term)

Don M. Hilliker
Frederick E. Jones

Research Foundation Board of Directors (Three-year term, July 1, 1967 - June 30, 1970)

John G. Ketterer

Association of Governing Boards of Universities and Colleges

Bertram D. Thomas

Inter-University Council

John W. Bricker

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Thereupon the Board adjourned to meet Thursday, September 12, 1968, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

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APPENDIX I

Amendments to Rules for the University Faculty

as Approved by the Faculty Council
on June 4, 1968

Adopted by Board of Trustees July 11, 1968
(See page 4)

Page 44 Blank

Rules for the University Faculty

On June 4, 1968, the Faculty Council approved the following changes in the Rules for the University Faculty as a substitution for the text printed in the January, 1968 edition of the Rules for the University Faculty. The changes are as underscored:

31.07. University Required Courses (See Rule 49.03)

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 or Air Science (or three hours of Naval Science) each quarter until a total of twelve (Naval Science, eighteen) 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;
- b. One or more hours of Physical Education per quarter for a total of three quarters; and
- c. During one of his first three quarters at the University and thereafter if necessary, one hour of Health Education until one credit hour has been earned.

31.0705. Marks for and Excuses from University Required Courses.

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. Academic Marks.

The official marks of the University are as follows: A, B, C, D, E, H, I, P, R, S, T, X, PA/NP, EM, and K. (A definition of all marks shall remain as printed in the January, 1968 edition with the exception of the addition of PA/NP--Pass/Non-Pass and these marks shall have the following meaning.)

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, 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.

Rules for the University Faculty (continued)

35.07. Academic Marks. (continued)

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 Non-Pass is the equivalent of the grade E and the grade Pass of the grades ABCD.

37.09. Repetition of Courses.

Section 1. A student who has received a mark of E or Non-Pass in a required course at this University may repeat the course for credit only as provided in Rule 37.07. A student who has received a mark of E or Non-Pass in any other course at this University may repeat the course for credit at his option.

Section 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 or Director of the School and the Dean of his College. 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.

49.03. Requirements for an Undergraduate Degree.

- d. Have satisfactorily completed the number of credit hours required for the curriculum he is pursuing. The minimum number of credit hours required under Rules 31.0701 and 31.0703; however, excuses granted under Rule 31.0705 shall not reduce the stated minimum number of credit hours required in the curriculum for a degree or a certificate. Credit hours are considered as "satisfactorily completed" only if the student has received, at this University, the mark A, B, C, D, EM, K, S, or PA in those hours (see Rule 35.07).

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 30, 1968

Page 48 Blank

The Recipients of the Distinguished Service Awards

CHRISTINE Y. CONAWAY

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

"... she made her stand with loyalty, dedication and sincerity—most of all sincerity."

This quote from an Ohio State Lantern editorial reflects the attitude which guided Christine Y. Conaway in her twenty-three years as Dean of Women. During her tenure, Mrs. Conaway was recognized nationally as a leader in the field of student personnel administration. She served as president of the National Conference on College Fraternities and Sororities, vice president of the National Association of Women Deans and Counselors, and member of the executive committees of the American College Personnel Association and of Alpha Lambda Delta.

Mrs. Conaway received her Bachelor's degree from Ohio State in 1923 and her Master's degree in 1942. She was awarded the honorary degree, Doctor of Humane Letters, from Otterbein College in 1957. As an undergraduate, she was president of the Women's Self Government Association and of her sorority, Pi Beta Phi, and was also a member of Mortar Board.

As Dean of Women, Mrs. Conaway was in daily contact with individual women, responding to their interest and needs in the areas of housing, sororities, honor societies, and organizations. She excelled in the individual and group counseling of women, her primary area of responsibility, and was devoted to the challenge of helping young women develop the capacity for self-government and grow steadily toward mature womanhood.

Indicative of her civic and professional involvement is her favorite quotation by Kahil Gibran, "You give but little when you give of your possessions. It is when you give of yourself that you truly give."

JACOB E. DAVIS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Devoted alumnus and trustee, humanitarian, respected counselor in matters of University policy

Jacob E. Davis served with great distinction from 1961 to 1967 as a member and chairman of the Board of Trustees of The Ohio State University. His impressive qualifications for trustee service included scholarship, as Phi Beta Kappa graduate of Ohio State and law graduate of Harvard; public service, as judge, representative to the Ohio General Assembly and the U. S. Congress, and official of the Navy Department; corporate expertise, as an executive—now president—of the Kroger Company; and civic leadership, as the generating force behind a variety of good works in Cincinnati, his home community.

While his ability has projected Mr. Davis into high office in all that he has undertaken, his concern for the welfare of his fellow man has meant that understanding and compassion have always been the partners of authority and power.

As a University trustee, his service was distinguished by a total commitment and a vigorous personal style drawn from his great store of enthusiasm, dedication, and courage. He understood the unique and vital place of universities today. Independent of mind and spirit himself, he appreciated well those essential conditions of freedom which must be present if the pursuit of truth is to flourish in a university setting.

Jacob E. Davis has been a devoted trustee, an involved participant in University affairs, an initiator of support who has invested unselfishly of himself and his substance in order that his alma mater might achieve its full promise.

MYLIN H. ROSS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Dean of Men by title but Dean for Men in practice

Mylin H. Ross, Ohio State's second Dean of Men, served his alma mater for twenty years, fifteen as Dean of Men. A man of sterling character and integrity, Dean Ross exemplified unselfish service and a dedicated concern for the young men who came to this University.

Over the years, students references to Dean Ross were ones of friendship, loyalty, and respect, as well they should have been. He was "in tune" with each student generation, aware of its needs and concerns, and ever willing to work with students in building a stronger, richer campus experience. He reveled in their joys and shared in their troubles. His patience, understanding, and fairness won the admiration of students, faculty, and fellow deans.

Dean Ross earned his Bachelor's and Master's degrees at Ohio State and was president of his fraternity, Phi Gamma Delta. As Dean, he was selected by students for membership in all three men's honorary organizations. Following service during World War II as a naval gunnery officer, he served successively as principal of Franklinton Elementary and Highland Avenue Elementary Schools in Columbus.

A native of Lebanon, Ohio, Dean Ross was honored there in 1958 as "Lebanon's outstanding citizen of national prominence." His service to his church, community, and professional organizations has been in leadership roles and reflects his devotion to high principles.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and eighty candidates)

- James Joseph Agli.....Hartford, Conn.
B.S. (Southern Connecticut State College); M.S. (Springfield College)
Dissertation: Evaluative Criteria for Library Resources of Doctoral Physical Education Programs
Field of Specialization: Physical Education
- Stuart Marvin Albert.....Englewood, N.J.
B.A. (Lehigh University); M.A.
Dissertation: A Cognitive Response Analysis of Counterattitudinal Role Playing
Field of Specialization: Psychology
- Hatam Ali Alsamarrae.....Baghdad, Iraq
B.S. (Agron.), B.S. (Rural Soc.) (North Carolina State College); M.A. (University of North Carolina)
Dissertation: A Proposed Educational Program for Agricultural Development in Iraq
Field of Specialization: Agricultural Education
- Ali Abdul-Hussain Al-Shamma.....Baghdad, Iraq
M.Sc.
*Dissertation: A Phytochemical Investigation of *Gutierrezia dracunculoides* (DC) Blake*
Field of Specialization: Pharmacy
- Max Lee Amberson.....Bozeman, Mont.
B.S. in Agric. (Montana State College)
Dissertation: Variables and Situational Factors Associated with High School Vocational Education Programs
Field of Specialization: Agricultural Education
- Hershel Walter Amburn, II.....Columbus
B.S. (Denison University)
Dissertation: Rates of Neutralization and Ionization Constants of Homologous Nitrocycloalkanes
Field of Specialization: Chemistry
- Frank A. Annunziata.....New York, N. Y.
B.A. (Manhattan College); M.A. (City College, New York)
Dissertation: The Attack on the Welfare State: Patterns of Anti-Statism from the New Deal to the New Left
Field of Specialization: History
- Joseph Larkin Arnold.....Coshocton
B.A. (Denison University); M.A.
Dissertation: The New Deal in the Suburbs: The Greenbelt Town Program 1935-1952
Field of Specialization: History

- Richard Eugene Bailey**.....Westerville
 B.A. (Otterbein College); B.D. (United Theological Seminary); M.A.
Dissertation: A Rhetorical Analysis of James William Fulbright's
 Speaking on 'The Arrogance of Power'
Field of Specialization: Speech
- Walter Ronald Bailey**.....Decatur, Ga.
 A.B., M.Ed. (University of Georgia)
Dissertation: The Changing Role of the Dean of Men in American
 Higher Education: An Analysis of Influencing Factors
Field of Specialization: Education
- Walter Neil Ball**.....Oshkosh, Wis.
 A.B. (Baker University); M.F.A. (Municipal University of Wichita)
Dissertation: The Development of a Visual Philosophy of Structure in
 the Practice of Painting, with an Exhibition of Painters
Field of Specialization: Art
- Franklin Roosevelt Banks**.....Columbus
 B.A. (Rollins College, Florida); M.A.
Dissertation: Selected Sociocultural Factors and Coronary Heart Dis-
 ease
Field of Specialization: Sociology
- Ann Skinner Bardwell**.....Paris, Ky.
 B.S. in H.E. (University of Kentucky); M.Sc.
Dissertation: Resource Use of Low-Income Families and Its Relation-
 ship to Family Patterns of Adjustment to Chronic Maternal Illness
Field of Specialization: Home Economics
- Henry Mikel Barlow**.....Lexington, Ky.
 B.A. (Mercer University, Georgia); M.A.
Dissertation: Community Power Structure and Decision Making in an
 Urban Community
Field of Specialization: Sociology
- Robert Squire Barstow**.....Franklin, N. Y.
 B.M. (Fort Hays Kansas State College); M.A.
Dissertation: The Theatre Music of Daniel Purcell
Field of Specialization: Music
- Ronald Richard Beck**.....Columbus
 B.S. (Ohio University); M.Sc.
Dissertation: Adrenal Steroids and Their Relation to Survival in the
 Opossum
Field of Specialization: Physiology
- William James Becker**.....Columbus
 B.S. (Ag.Ed.), M.S. (Ag.Educ.) (University of Wisconsin)
Dissertation: Technical Agriculture Programs in Ohio with Emphasis
 upon Student and Program Characteristics
Field of Specialization: Agricultural Education

- Robert Walter Begland**.....Gnadenhutten
 B.Sc. in Edu., M.Sc.
Dissertation: Participation and Steric Effects of Neighboring Divalent Oxygen
Field of Specialization: Chemistry
- Robert Edward Beidler**.....Columbus
 B.A. (College of Wooster); M.A.
Dissertation: An Appraisal of the Specialist Program in Educational Administration at The Ohio State University
Field of Specialization: Education
- Fay Reifsynder Biles**.....Cuyahoga Falls
 B.A. (Duke University); M.A. (Kent State University)
Dissertation: Self-Concept Changes in College Freshmen Women in a Basic Physical Education Course Using Two Methods of Instruction
Field of Specialization: Physical Education
- Robert Frederick Block**.....Columbus
 A.B. (Brooklyn College); M.A. (Columbia University)
Dissertation: The Life of Lynn W. St. John: His Contributions to The Ohio State University and to Intercollegiate Athletics
Field of Specialization: Physical Education
- Jane Nutter Bogniard**.....Ashland
 B.S. in Ed. (Ohio University); M.A.
Dissertation: The Development and Use of Simulation Techniques in a Pre-Service Program for Prospective Student Teachers
Field of Specialization: Home Economics
- Robert Ivan Boughton, Jr.**.....Hilliard
 B.Sc. in Phys., M.Sc.
Dissertation: Size and Impurity Effects in the Thermal Conductivity of Very Pure Gallium
Field of Specialization: Physics
- Boyd Breslow**.....Lincoln, Neb.
 A.B., M.A. (University of Nebraska)
Dissertation: The English Sheriff during the Reign of King Edward I
Field of Specialization: History
- Paul Francis Buerger**.....Cincinnati
 A.B. (Villa Madonna College, Kentucky)
Dissertation: Theoretical Continuous and Line Spectra of Stars in a Close Binary System
Field of Specialization: Astronomy
- James Russell Bupp**.....Wooster
 B.A. (Manchester College)
Dissertation: Polarization Effects in a Helium-Neon Ring Laser
Field of Specialization: Physics

- †John Charles Butler.....Oxford
 B.A., M.S. (Miami University)
Dissertation: Selected Aspects of the Crystal Chemistry of BaSO₄, SrSO₄, and PbSO₄
Field of Specialization: Mineralogy
- Richard Arthur Carter.....Magnolia, Ark.
 B.Sc. in Edu., M.A.
Dissertation: A Study of Aggressiveness in Athletes and Nonathletes in Church-Related and Nonchurch-Related Colleges and Universities
Field of Specialization: Physical Education
- Shambhu Nath Chaturvedi.....Chandausi, U. P., India
 B.Sc., M.Sc. (Agra University)
Dissertation: Carbon Dioxide Fixation Studies in Some Members of *Crassulaceae*
Field of Specialization: Botany
- George Yarrington Coats.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Philippine Constabulary: 1901-1917
Field of Specialization: History
- Howard Bruce Cobbs.....Columbus
 B.A. (Mount Union College); M.Ed. (Texas Christian University)
Dissertation: A Study of the Influence of Pre-Kindergarten Experience on Concept Development of Disadvantaged Children in the First Grade
Field of Specialization: Education
- Donald Preston Cole.....Fanwood, N. J.
 B.A. (Drew University); M.A. (Montana State University)
Dissertation: The Demand of Denominations of U. S. Currency, 1914-65
Field of Specialization: Economics
- John Francis Cooke, Jr.....Bath, Me.
 A.B., M.S. (Cornell University)
Dissertation: The Chromatography and Cytology of Some Cultivated Taxa of the Genus *Hosta* Tratt
Field of Specialization: Botany
- Corrine Snyder Cope.....Lewisburg
 A.B. (Ohio University); M.S. (Case Western Reserve University); B.Sc. in Edu.
Dissertation: Linguistic Structure and Personality Development
Field of Specialization: Psychology
- Jerry Logan Crist.....Ada
 B.S. (Ohio Northern University); M.Sc.
Dissertation: Selected Reactions of Boron Heterocycles: Structural Analogs of Cyclopentane Derived from 1, 2-Ethanediol and 1, 2-Ethanedithiol
Field of Specialization: Chemistry

† Degree granted in cooperation with Miami University

- Sue Carol Cummings.....Dayton
 B.A. (Northwestern University); M.Sc.
Dissertation: Synthesis, Stereochemistry and Properties of Cobalt Complexes Containing a Macrocyclic Tetradentate Ligand Derived from ortho-Aminobenzaldehyde
Field of Specialization: Chemistry
- Charles Edgar Daniel, Jr.....North Kingstown, R. I.
 A.B., A.M. (University of Missouri); A.M. (Harvard University)
Dissertation: A Study of the Significance of the Sermons of Wenzeslaus Linck
Field of Specialization: History
- Marilyn Ellen Day.....Westerville
 B.A. (Otterbein College); M.S. (University of Colorado)
Dissertation: A Study of the Health Services of Otterbein College
Field of Specialization: Physical Education
- Sybil Gramlich de Groot.....Columbus
 B.A., M.A.
Dissertation: An Informational Analysis of a Perceptual-Motor Skill
Field of Specialization: Psychology
- Sybrein Hendrik de Jong.....Vancouver, B. C., Canada
 B.Sc. in C.E., M.Sc. (University of Manitoba)
Dissertation: The Skew Mercator Projection in Rectangular Plane Coordinate Systems
Field of Specialization: Geodetic Science
- Richard Andrew Dennis.....Saint Jo, Tex.
 B.S., D.V.M. (Texas Agricultural and Mechanical University); M.Sc.
Dissertation: The Development of the Immune Response of the Fetal Dog
Field of Specialization: Veterinary Pathology
- John Lee Deppen.....Galion
 B.Sc. in Food Tech.
Dissertation: The Effect of Potato Varieties and Storage Temperatures upon the Rates of Accumulation of Monosaccharides, Disaccharides, Organic Acids, and Amino Acids
Field of Specialization: Horticulture and Forestry
- Donn Allan Derr.....Kenton
 B.Sc. in Agr., M.Sc.
Dissertation: An Economic Analysis of Alternative Information Systems for Real Property Records
Field of Specialization: Agricultural Economics and Rural Sociology
- Gilbert Dewart.....Pasadena, Calif.
 B.S., M.S. (Massachusetts Institute of Technology)
Dissertation: Seismic Investigation of Ice Properties and Bedrock Topography at the Confluence of Two Glaciers, Kaskawulsh Glacier, Yukon Territory, Canada
Field of Specialization: Geology

- Robert Ervin Dickson.....Rossford
 B.S. (Muskingum College)
Dissertation: Studies of the Gem-Dialkyl Effect in Spirocyclic Acetals and Ketals
Field of Specialization: Chemistry
- Robert Stanley Dixon.....Madison, Wis.
 B.S.E.E., M.S.E.E. (University of Wisconsin)
Dissertation: A Method for Extracting Radio Astronomical Information from Noise, on a Production Line Basis, and Its Application to a High Sensitivity 1415 MHz Continuum Survey between Right Ascensions 0^h to 16^h and Declinations $+20^\circ$ to $+37^\circ$
Field of Specialization: Electrical Engineering
- Warren Dean Dolphin.....Philadelphia, Pa.
 B.S. (West Chester State College, Pennsylvania)
*Dissertation: The Effects of Visible Light on the Growth of Cultures of *Acanthamoeba castellanii**
Field of Specialization: Zoology and Entomology
- †Thomas Scott Donahue.....Youngstown
 B.A. (Denison University); M.A. (Miami University)
Dissertation: The Present State of Middle English Dialect Studies
Field of Specialization: English
- Charles Ransom Doty.....Benton, Ill.
 B.S. in Ed., M.S. in Ed. (Southern Illinois University)
Dissertation: The Effect of Practice and Prior Knowledge of Educational Objectives on Performance
Field of Specialization: Education
- Lon David Drake.....Los Angeles, Calif.
 B.A. (University of Buffalo); M.A. (University of California, Los Angeles)
Dissertation: Till Studies in New Hampshire
Field of Specialization: Geology
- Lloyd Alvin DuVall.....Columbus
 B.Sc. in Edu.; M.A. (Kent State University)
Dissertation: The Role of Selected Ohio High School Principals in Teacher Grievance Procedures
Field of Specialization: Education
- Robert Bernhard Dybdal.....Glendale, Mo.
 B.E.E., M.Sc.
Dissertation: Waveguide Applications of Impedance Surfaces
Field of Specialization: Electrical Engineering
- Cecil George Eaves.....Calgary, Alta., Canada
 B.A. (University of Denver); M.S. (University of Oregon)
Dissertation: Effect of Four Liquids on the Endurance of College Wrestlers Following Dehydration
Field of Specialization: Physical Education

† Degree granted in cooperation with Miami University

- David Leroy Eldredge.....Columbus
 B.S.Aero.E. (Iowa State College) ; M.Sc.
Dissertation: Experimental Designs for the Optimization of Statistical Simulations
Field of Specialization: Industrial Engineering
- Coralie Ann Emmons.....Kerrville, Tex.
 B.Sc. in Edu.; M.Ed. (Sam Houston State Teachers College)
Dissertation: A Comparison of Selected Gross-Motor Activities of the Getman-Kane and the Kophart Perceptual-Motor Training Programs and Their Effect upon Certain Readiness Skills of First-Grade Negro Children
Field of Specialization: Physical Education
- Charles Irven Ernst.....Columbus
 B.S. (Saint Cloud State College) ; A.M. (State University of South Dakota)
Dissertation: Affective Behavior of High-Ability University Freshmen Whose Achievement in Mathematics is Low
Field of Specialization: Education
- William Albert Floyd.....La Crosse, Wis.
 B.Sc. in Edu.; M.S. (West Virginia University)
Dissertation: The Effects of Acute Dehydration on the Endurance of College Wrestlers
Field of Specialization: Physical Education
- Kenneth James Fornstrom.....Pine Bluffs, Wyo.
 B.S. (University of Wyoming)
Dissertation: Tillage Tool Interaction with a Bounded, Artificial Soil
Field of Specialization: Agricultural Engineering
- Donald Eugene Fought.....Columbus
 B.S., M.S. (Pennsylvania State University)
Dissertation: An Investigation of Eigenvalues Resulting from a Non-Symmetric Inertia Matrix
Field of Specialization: Aeronautical and Astronautical Engineering
- Douglas Gordon Fratianne.....Cleveland Heights
 A.B. (Case Western Reserve University) ; M.Sc.
Dissertation: Studies of Biological Assay Systems of *Xanthium* Leaf Extracts
Field of Specialization: Botany
- Barry Alan Friedman.....Columbus
 B.Sc.; M.S. (Michigan State University)
Dissertation: Identification of *Zoogloea* Species and Its Exocellular Matrix, and the Relationship of this Matrix to Floc Formation and Uptake of Metallic Ions
Field of Specialization: Microbiology
- James Nickolas Giglio.....Ravenna
 B.A., M.A. (Kent State University)
Dissertation: The Political Career of Harry M. Daugherty
Field of Specialization: History

- Sukhdev Singh Gill.....Ludhiana, India
 B.Sc.A., M.Sc. (Punjab University)
Dissertation: Summer Feeding of Dairy Cows
Field of Specialization: Dairy Science
- Dennis Michael Girard.....Columbus
 B.S., M.A. (University of Detroit)
Dissertation: A General Asymptotic Formula for Analytic Functions
Field of Specialization: Mathematics
- Roy Andrew Glover.....Cleveland
 B.S. (Calvin College); M.Sc.
Dissertation: Alterations in the Morphology and Histochemistry of the Nodosal Ganglion Following Vagotomy
Field of Specialization: Anatomy
- Melvin Morris Goldberg.....Bethlehem, Pa.
 B.S. in Met.E. (University of Pennsylvania); M.Sc.
Dissertation: Mechanism of Molybdenum Oxidation in Gas Mixtures
Field of Specialization: Metallurgical Engineering
- Daniel Thaddeus Goldthwaite.....Edinboro, Pa.
 B.S. (Clarion State College); M.Ed. (Pennsylvania State University)
Dissertation: A Study of Micro-Teaching in the Preservice Education of Science Teachers
Field of Specialization: Education
- Faith Harriet Gray.....Columbus
 B.S. (Chatham College); A.M. (Mount Holyoke College)
*Dissertation: Infection of the Honey Bee, *Apis mellifera* L. (Insecta, Hymenoptera) by *Nosema apis* Zander (Protozoa, Cnidospora) and Its Relation to Endocrine Function*
Field of Specialization: Zoology and Entomology
- Harry Edward Green.....Westbourne Park, South Australia
 B.E., M.E. (University of Adelaide)
Dissertation: Radiation from a Finite Right Circular Cone Excited by Certain Symmetrical Sources
Field of Specialization: Electrical Engineering
- Om Parkash Gulati.....Ludhiana, India
 B.Sc. (Punjab University); B.Tech., M.Tech. (Indian Institute of Technology)
Dissertation: Flow into Subsurface Drains in Noncohesive Soils as Related to Sedimentation
Field of Specialization: Agricultural Engineering
- William Robert Gump.....Oxford
 A.B. (Denison University); LL.B. (University of Michigan); M.A.
Dissertation: A Functional Analysis of Patronage: The Case of Ohio
Field of Specialization: Political Science
- George William Haering.....Columbus
 B.S. (University of Buffalo); M.Sc.
Dissertation: Boundary Layer Separation Control and Wall Temperature Control by Tangential Fluid Injection
Field of Specialization: Mechanical Engineering

- Jane Henrietta Heidorn.....Elmhurst, Ill.
 B.S. in Ed. (Northern Illinois State Teachers College); M.A.
Dissertation: The Development and Testing of an Embossed Notation System as a Method of Teaching Motor Skills to Blind Children
Field of Specialization: Physical Education
- Daniel Pershing Heisler.....Bowling Green
 B.S. in Educ. (Wilmington College); M.A. (Miami University)
Dissertation: A Study of Factors that Affect Change in Educational Systems
Field of Specialization: Education
- Jean Leugers Hensel.....Columbus
 B.Sc., M.Sc.
Dissertation: Susceptibility Model in Epidemiology with Special Application to Cancer
Field of Specialization: Biostatistics
- Kenneth Eugene Hoffman.....Emporia, Kan.
 A.B. (Saint Benedict's College); M.S. (Kansas State Teachers College)
Dissertation: Development of an Instrument to Assess the Composite Subject Matter Achievement of Secondary Cooperative Distributive Education Students in Ohio
Field of Specialization: Education
- Kathleen Marie Howell.....Bloomville
 B.Sc. in H.E., M.A.
Dissertation: A Study of Ohio High School Home Economics Job Training Programs with Implications for Future Development
Field of Specialization: Home Economics
- George David Huffman.....Columbus
 B.E.S. (Marshall University); M.Sc.
Dissertation: A Theoretical Analysis of Turbulent Shear Flows
Field of Specialization: Mechanical Engineering
- Howard Gibbs Ingfield.....Hilliard
 B.Mus., M.A. (University of Rochester)
Dissertation: The Relationship of Selected Personality Variables to Conformity Behavior Reflected in the Musical Preferences of Adolescents when Exposed to Peer Group Leader Influences
Field of Specialization: Music
- Russell Henry Jackson.....Provo, Utah
 B.S., M.S. (Brigham Young University)
Dissertation: Interviewer 'Noncontent Structure' and 'Status' in Eliciting Revealingness in an Initial Interview Situation
Field of Specialization: Psychology
- Thomas Wendell Jackson.....Sandy, Utah
 B.A. (Brigham Young University)
Dissertation: Developing the Writing Skill in Spanish for Native Speakers of English
Field of Specialization: Education

- Clifford Rodney James.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The National Film Board of Canada: Its Task of Communication
Field of Specialization: Education
- Cecil Heyward Johnson, Jr.....Pinewood, S. C.
 B.S. (Ag. Ed.), M. Ag. Ed. (Clemson University)
Dissertation: The Identification of Teacher Opinion Leaders: An Element in a Change Strategy for Agricultural Education
Field of Specialization: Agricultural Education
- Russel A. Jones.....Urbana
 A.B. (Campbellsville College); M.R.E. (Southern Baptist Theological Seminary)
Dissertation: Guidelines for a Ten-Year Master Plan of Finance for Small Private Liberal Arts Colleges
Field of Specialization: Education
- George Jurcisin.....Chillicothe
 B.Sc. in Edu., M.A.
Dissertation: The Role of Brief Persistence in Motivation of Severely Mentally Retarded Boys
Field of Specialization: Physical Education
- Adi Seshaiiah Karna.....Andhra, Pradesh, India
 B.A. (Hons.), M.A. (Andhra University); M.B.A.
Dissertation: The Effective Cost of Private Versus Public Debt Issues for Corporate Issuers
Field of Specialization: Business Organization
- David Nelson Keck.....Berea
 B.Sc.
Dissertation: On a Transformation Theory for Measure Spaces
Field of Specialization: Mathematics
- Robert William Keck.....Earlville, Ia.
 B.A., M.A. (State University of Iowa)
Dissertation: Translocation of Light and Dark C¹⁴O₂ Fixation Products from Cotyledons in Two Chlorophyll Varients of Soybean
Field of Specialization: Botany
- Robert James Kegerreis.....Athens
 B.A., B.Sc. in Bus. Adm., M.B.A.
Dissertation: Innovative and Diffusive Characteristics of the Earliest Adopters of a New Automotive Service
Field of Specialization: Business Organization
- Ansar Ali Khan.....Lyallpur, West Pakistan
 B.Sc., M.Sc. (West Pakistan Agricultural University); M. of Extension (Washington State University)
Dissertation: An Analysis of the Improvement of Quality Instruction Programs for Cooperative Extension Personnel In Ohio
Field of Specialization: Agricultural Education

- Deane Hajime Kihara.....Aiea, Hawaii
 S.B. in M.E., S.M. (Massachusetts Institute of Technology)
Dissertation: An Analytical Study of a Fluid Cylinder Model of an Electric Arc Balanced by Mutually Perpendicular Magnetic and Flow Fields
Field of Specialization: Mechanical Engineering
- Edward David Kiner.....Columbus
 A.B. (Case Western Reserve University); B.H.L., M.A. (Hebrew Union College)
Dissertation: The Existentialism of Martin Buber and Implications for Education
Field of Specialization: Education
- Angeline Joyce Kline.....Columbus
 B.S. (Case Western Reserve University); M.S. (University of Tennessee)
Dissertation: A Study of Delegation of Duties to Hospital Dietary Supportive Personnel
Field of Specialization: Education
- Walter Knoche.....Milwaukee, Wis.
 B.A. (Marquette University); M.A.
Dissertation: The Political Poetry of the Third Reich: Themes and Metaphors
Field of Specialization: German
- Marc William Konvisser.....Shaker Heights
 A.B. (Rutgers University); M.Sc.
Dissertation: Metabelian p-Groups which Contain Self-Centralizing Elements
Field of Specialization: Mathematics
- Edward Julian Krakiwsky.....Calgary, Alta., Canada
 B.Sc., M.Sc.
Dissertation: Sequential Least Squares Adjustment of Satellite Triangulation and Trilateration in Combination with Terrestrial Data
Field of Specialization: Geodetic Science
- George Harold Labovitz.....Lynn, Mass.
 B.S. in B.A. (Boston University); M.B.A. (Boston College)
Dissertation: An Intra-Organizational Analysis of Executive Interaction and Its Relationship to the Promotion Process
Field of Specialization: Business Organization
- Amrit Lal.....Bikaner, India
 B.V.Sc. and A.H. (University of Rajasthan); M.Sc.
Dissertation: A Biometrical Study of Fertility in Columbia and Targhee Sheep
Field of Specialization: Animal Science
- Gary Freeman Larkin.....Massillon
 B.Sc., M.Sc.
Dissertation: Serologic Specificity of Antibodies to Ribonucleic Acid in Normal and Rheumatoid Arthritis Sera
Field of Specialization: Microbiology

- Harold Alexander Lerch**.....Akron
 B.S., M.S.Ed. (University of Akron)
Dissertation: An Analysis of the Personal Constructs of Beginning Swimmers Using the Repertory Grid
Field of Specialization: Physical Education
- Ken Vernon Loats**.....Mason City, Ia.
 B.A. (Central College, Iowa); M.S. (State University of Iowa)
*Dissertation: Translocation of Light and Dark $^{14}\text{CO}_2$ Fixation Products in *Xanthium pennsylvanicum* as Affected by Photoperiod and Other Factors*
Field of Specialization: Botany
- Richard LeRoy Lorenzen**.....Lakewood, Calif.
 B.A. (Long Beach State College); M.A.
Dissertation: A History of the Old Prince of Wales's Theatre, London, 1772-1903
Field of Specialization: Theatre
- Stephen Reed Lyon**.....Hamilton
 B.A., M.S. (Miami University)
Dissertation: Phase Reactions in the Systems MgO-SiO_2 - MgF_2 , MgO-GeO_2 - MgF_2 , and $\text{MgO-GeO}_2(\text{OH})_2$
Field of Specialization: Mineralogy
- William Harris McBroom**.....Dayton
 B.Sc., M.A.
Dissertation: Status and Mobility as Determinants of Behavioral Aspects of Disability
Field of Specialization: Sociology
- John Harold McCoy**.....Conroe, Tex.
 B.S., M.A. (Sam Houston State Teachers College)
Dissertation: Atmospheric Absorption of Carbon Dioxide Laser Radiation near Ten Microns
Field of Specialization: Electrical Engineering
- Edward Bruce McLean**.....Washington C. H.
 B.Sc. in Agr., M.Sc.
*Dissertation: A Field Study of Acoustical Behavior of the Cardinal *Richmondia cardinalis**
Field of Specialization: Zoology and Entomology
- Miriam Horowitz Meisler**.....Yellow Springs
 B.S. (Queens College)
Dissertation: Isolation and Characterization of Phosphatase Specific for Phosphorylated Histones and Protamines
Field of Specialization: Physiological Chemistry
- Shien-Yi Meng**.....Taipei, Taiwan, China
 B.S. (Taiwan College of Engineering); M.S. (Oklahoma State University)
Dissertation: 21-CM Observations of Negative-High-Velocity Neutral Hydrogen Clouds
Field of Specialization: Electrical Engineering

- Howard Owen Merriman.....Columbus
 B.S. in Bus. (Miami University); B.Sc. in Edu., M.A.
Dissertation: A Study of the States' Reports on Title I, Elementary and Secondary Education Act of 1965
Field of Specialization: Education
- David Loren Miller.....Marion
 B.S. in Ed. (Kent State University); M.A.
Dissertation: A Study of Teachers' Perceptions of Federal Funds for Education
Field of Specialization: Education
- Laurence Paul Miller.....Los Angeles, Calif.
 B.A. (University of California, Los Angeles); M.A. (San Fernando Valley State College)
Dissertation: Compounding and Subtraction of Two Kinds of Stimuli
Field of Specialization: Psychology
- Robert Henry Miller.....Houghton, Mich.
 B.A., M.A. (Bowling Green State University)
Dissertation: A Selected Edition of Sir John Harington's A Supplie or Addition to the Catalogue of Bishops, to the Yeare 1608
Field of Specialization: English
- James Thomas Mitchell.....Lima
 B.S.E.E. (University of Oklahoma); M.S. (University of Pittsburgh)
Dissertation: Phosphorus Ion Implantation in Cadmium Sulphide
Field of Specialization: Electrical Engineering
- Wayne Gordon Monahan.....Martins Ferry
 B.Sc. in Phys.
Dissertation: Directional Correlation of Gamma Rays in Germanium-72
Field of Specialization: Physics
- William Dean Moorhead, Jr.....Poland
 B.A. (Ohio Wesleyan University)
Dissertation: The Heitler-London Method as Applied to Solids
Field of Specialization: Physics
- Genelle Grant Morain.....Indianola, Ia.
 B.A. (Simpson College)
Dissertation: Some Implications of French Folk Literature for the Secondary Language Curriculum
Field of Specialization: Education
- Fred Durward Morgan.....Huntington, Ind.
 B.A. (Anderson College); M.A. (Ball State Teacher's College)
Dissertation: A Field Study of Avifauna on an Old Farm in North-eastern Indiana
Field of Specialization: Zoology and Entomology
- Clifton Morris.....Fredericktown, Pa.
 B.S. (Waynesburg College); M.S. (West Virginia University)
Dissertation: Contributions to the Morphology of Carthamus tinctorius L.
Field of Specialization: Botany

- Benedikt Aage Munk**.....Columbus
 Ing.E.E. (Technical University of Denmark)
Dissertation: Scattering by Periodic Arrays of Loaded Elements
Field of Specialization: Electrical Engineering
- Sally Price Navin**.....Marysville
 B.A. (Long Beach State College); M.A.
Dissertation: Interrelationships of Selected Vocationally Related Variables of Adolescent Girls
Field of Specialization: Education
- Zoltan Anthony Nemeth**.....Columbus
 Ing. Civil (Technical University of Budapest); M.Sc.
Dissertation: The Development of a New Intersection Study Technique
Field of Specialization: Civil Engineering
- Warren Gerald Noland**.....Aztec, N. M.
 B.S. (Ag.), M.A. (New Mexico State University)
Dissertation: Migration Patterns of Vocational Agriculture Graduates in Ohio
Field of Specialization: Agricultural Education
- Craig Stanley Oliver**.....Boalsburg, Pa.
 B.S., M.Ed. (Pennsylvania State University)
Dissertation: Influence of Selected Factors Upon the Learning of Landscape Design Concepts
Field of Specialization: Agricultural Education
- Thomas Raymond Owens**.....Columbus
 B.S. (Fordham University); M.A.
Dissertation: The Roles of Evaluation Specialists in Title I and Title III Elementary and Secondary Education Act Projects
Field of Specialization: Education
- James Michael Palardy**.....Springfield
 B.Sc. in Edu., M.A.
Dissertation: The Effect of Teachers' Beliefs on the Achievement in Reading of First-Grade Boys
Field of Specialization: Education
- Darrell Lee Parks**.....Eldorado
 B.Sc. in Agr., M.Sc.
Dissertation: Attitudes and Principles Regarding Vocational Education in Ohio
Field of Specialization: Agricultural Education
- Richard Livingston Parry**.....Houston, Tex.
 B.A. (Dartmouth College); M.B.A. (Kent State University)
Dissertation: The Credit Reporting Industry in Transition
Field of Specialization: Business Organization

- Edward Alvin Powers**.....Ames, Ia.
 B.A. (Alma College); A.M. (Indiana University)
Dissertation: The University Sorority: A Study of the Factors Affecting Intergenerational Agreement on Family Culture
Field of Specialization: Sociology
- Patrick Thomas Quinn**.....Evanston, Ill.
 B.A. (Loyola University); M.A.
Dissertation: Resource Oriented versus Personal Problem Oriented Interventions with College Students on Academic Probation
Field of Specialization: Psychology
- Frederick James Rafeld**.....Ashland
 B.Sc. in Agr., M.Sc.
Dissertation: An Analysis of the Influence of Personal Attitudes, Goals, Management Ability, and Growth Strategies in Farm Firm Growth
Field of Specialization: Agricultural Economics and Rural Sociology
- Subramania Ramachandran**.....Madras, India
 B.Sc., B.Sc. (Hons.), M.Sc. (Annamalai University); M.Sc.
Dissertation: Studies on the Preparation and Analysis of 1-Alkyl Glycerol Derivatives and the Isolation and Reductive Ozonolysis of Unsaturated 1-Alkyl Glycerols
Field of Specialization: Physiological Chemistry
- George Clay Reecer**.....Tompkinsville, Ky.
 A.B. (Western Kentucky State College); A.M. (Temple University)
Dissertation: The Prose Style of Charles Lamb
Field of Specialization: English
- Jerry Ward Ring**.....Dresden
 B.Sc. in Edu.; M.Ed. (Miami University)
Dissertation: A Study of the Interpretive Processes Employed by Selected Adolescent Readers of Three Short Stories
Field of Specialization: Education
- Elmo Eugene Roach**.....Dayton
 B.A. (University of Dayton); M.A.
Dissertation: Alexander I and the Unofficial Committee
Field of Specialization: History
- Roger Phillip Rohrbach**.....Ashland
 B.Agr.E.
Dissertation: On Spacing Statistics of Plant Populations Produced by Uniform Seed-Placement Devices
Field of Specialization: Agricultural Engineering
- Raghubir Singh Sandhu**.....Hoshiarpur, India
 B.A., B.Sc. in Engr. (University of the Punjab); M.E. (University of Roorkee)
Dissertation: The Occurrence of Lateral-Torsional Buckling in Uniformly Loaded Parabolic Arches
Field of Specialization: Civil Engineering

- Samuel Prentiss Sawyer.....Cleveland
 B.A. (Yale University); M.S. (University of Pennsylvania)
Dissertation: The Kaptiza Effect in the Liquid and Vapor Phases of ^3He and ^4He
Field of Specialization: Physics
- Edward Allen Schenck.....Wooster
 B.A. (College of Wooster); M.A.
Dissertation: A Study of the Independent Effect of Cue Redundancy upon the Human Inference Process in Tasks of Varying Predictability
Field of Specialization: Psychology
- Richard James Schrader.....Canton
 B.A. (University of Notre Dame); M.A.
Dissertation: A Critical and Historical Study of Robert Henryson's Morall Fabillis
Field of Specialization: English
- Beverly Gettings Seaton.....Newark
 B.A. (Keuka College); M.A.
Dissertation: James Fenimore Cooper's Historical Novels: A Study of His Practice as Historical Novelist
Field of Specialization: English
- Dennis James Selder.....Halifax, N. S., Canada
 B.P.E., M.P.E. (University of British Columbia)
Dissertation: Proactive Inhibition for a Motor Response during Short Term Memory
Field of Specialization: Physical Education
- Robert Andrew Settles.....Columbus
 B.Sc. in Phys.
Dissertation: Polarization Effects of Lasers
Field of Specialization: Physics
- Stephen David Shatkin.....Providence, R. I.
 A.B. (Harvard College); M.A.T. (Brown University)
Dissertation: A Study of the Change of Attitudes toward Mathematics of Prospective Elementary School Teachers
Field of Specialization: Education
- Thurston Woolever Shook.....Columbus
 B.Sc.
Dissertation: Directed Metric Spaces
Field of Specialization: Mathematics
- Mitchell Silverman.....Denver, Colo.
 B.A. (University of Denver); M.S. (New Mexico Highlands University)
Dissertation: The Development of Vocational Choice and Interests in Mentally Retarded Children
Field of Specialization: Psychology
- Wilbur Cameron Simmons.....Dayton
 B.S. (Clemson Agricultural College); M.Sc.
Dissertation: High Temperature Reactions and Phase Equilibria in the Strontium Oxide-Zirconium Oxide System
Field of Specialization: Ceramic Engineering

- Dean Sutherland Skelley.....Melrose, Mass.
 B.S. (Bates College); M.Sc.
Dissertation: Effects of Estradiol-17 β on Normal Human Ovarian Steroidgenesis
Field of Specialization: Physiology
- Edwin James Skoch.....Cleveland
 B.S., M.S. (John Carroll University)
Dissertation: Seasonal Changes in Phosphate, Iron, and Carbon Occurring in the Bottom Sediments, near Rattlesnake Island, in Western Lake Erie, 1966 to 1968
Field of Specialization: Zoology and Entomology
- Donald Melvin Sorensen.....Fort Collins, Colo.
 B.S.B.A. (University of Nebraska); M.S. (Colorado State University)
Dissertation: Capital Productivity and Management Performance in Small Farm Agriculture in Southern Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- Henry Arthur Spang.....Cincinnati
 B.S. (Baldwin-Wallace College); M.S. (University of Cincinnati)
Dissertation: The Effect of Plant Growth Substances on the Hyperchromicity of DNA
Field of Specialization: Botany
- Marjorie Frances Sparkman.....Columbus
 B.Mus. (Florida State University); M.R.E. (Carver School of Missions and Social Work); B.S. in Nurs. (University of Alabama); M.Sc.
Dissertation: Studies of the Adverse Effects of Oxygen at Atmospheric Pressure
Field of Specialization: Physiology
- Norville Edison Spence.....Brandon, Man., Canada
 B.A. (University of Manitoba); M.A.
Dissertation: The Effect of Increased Fixed Interval Schedules of Reinforcement on the Time-out Behavior of the Albino Rat in a Free Operant (Two Bar) Situation
Field of Specialization: Psychology
- Thomas Lynn Sporleder.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: An Econometric Investigation of Regional Interdependency in the Processing Tomato Industry
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Peter Sprafkin.....New York, N. Y.
 B.A. (Dartmouth College); M.A. (Columbia University)
Dissertation: Communicator Expertness and Changes in Word Meanings in Psychological Treatment
Field of Specialization: Psychology
- Paul Henry Steagall, Jr.....Roanoke, Va.
 B.S., M.Ed. (Virginia Polytechnic Institute)
Dissertation: A Study of the Block-of-Time Scheduling in the Secondary Business and Office Education Program in Ohio
Field of Specialization: Education

- Leonard Paul Sternbach.....Brooklyn, N. Y.
 A.B. (Brooklyn College); M.Sc.
Dissertation: Bases and Quasi-Reflexive Spaces
Field of Specialization: Mathematics
- Marjorie Smock Stewart.....Fordsville, Ky.
 B.S. (University of California, Los Angeles); M.S. (Ed.) (University of Kentucky)
Dissertation: The Feasibility of Interaction among Social Welfare Agency Personnel and Home Economics Teachers for the Well Being of High School Students
Field of Specialization: Home Economics
- Albert George Story.....Fort Collins, Colo.
 B.S. in Agric. Eng. (University of Vermont)
Dissertation: Scattering of Centimeter-Wavelength Electromagnetic Energy by Standing Grain
Field of Specialization: Agricultural Engineering
- Carl David Stuber.....Columbus
 B.S. in M.E. (Massachusetts Institute of Technology); M.Sc.
Dissertation: A Microscopic Study of the Friction Process
Field of Specialization: Metallurgical Engineering
- William Martin Talley.....Vanceburg, Ky.
 A.B. in Rel. Edu. (Kentucky Christian College); A.B. (Morehead State College); M.A.
Dissertation: An Exploratory Study of the Dogmatism and Values of Persons Who Trace Their Ancestry
Field of Specialization: Education
- Arthur Wood Thornton.....Port Arthur, Tex.
 B.S.Ch.E. (University of Texas); M.S.Ch.E. (Louisiana State University)
Dissertation: Transport of Adsorbed Gas through Microporous Media
Field of Specialization: Chemical Engineering
- James Eugene Tourdot.....Magnolia
 B.E.E., M.Sc.
Dissertation: A Sequential, Self-Synchronous, Beam Tagging Technique for Adaptive Control of Transmitting Arrays
Field of Specialization: Electrical Engineering
- Raymond Gordon Traub.....Wheaton, Ill.
 B.S. in Educ., M.S. in Educ. (Northern Illinois State Teachers College)
Dissertation: The Effect of Teacher Behavior on Patterns of Student Aggression
Field of Specialization: Education
- Wayne Joseph Urban.....Cleveland
 B.S.S.S. (John Carroll University); M.A.
Dissertation: Towards a New Left in Education
Field of Specialization: Education

- Thomas James Von der Embse.....Dayton
 B.S. (University of Dayton); M.B.A. (Indiana University)
Dissertation: Demographic Variables and Salesperson Identification with Organizational Customer Objectives in Central Vs. Branch Department Stores
Field of Specialization: Business Organization
- Jennings Lee Wagoner, Jr.....Winston-Salem, N. C.
 B.A. (Wake Forest College); M.A.T. (Duke University)
Dissertation: From in Loco Parentis toward Lernfreiheit: An Examination of the Attitudes of Four Early University Presidents Regarding Student Freedom and Character Development
Field of Specialization: Education
- Johnson Jenn-Hwa Wang.....Tsoying, Taiwan, China
 B.S. (National Taiwan University); M.S. (Florida State University)
Dissertation: Antenna Mode Array
Field of Specialization: Electrical Engineering
- George Jay Warheit.....Columbus
 B.A. (Indiana Central College); B.D. (United Theological Seminary); M.A. (University of Cincinnati)
Dissertation: The Impact of Major Emergencies on the Functional Integration of Four American Communities
Field of Specialization: Sociology
- Alan Watton, Jr.....Dayton
 B.S. in E.E. (University of Washington)
Dissertation: The Mechanism of the Fuel-Mixing Process in Diffusion-Type Supersonic Combustion
Field of Specialization: Aeronautical and Astronautical Engineering
- John Joseph William Weaver.....St. Paul, Minn.
 A.B. (Harvard University); M.A. (University of Minnesota)
Dissertation: Rhetoric and Tragedy in Thomas Sackville's Contributions to The Mirror for Magistrates
Field of Specialization: English
- Wallace Rudolph Weber.....Westerville
 B.A., M.S. (Southern Illinois University)
Dissertation: Biosystematic Studies in the Genus Silphium L. (Compositae): Investigations in the Selected Intraspecific Taxa of Silphium asteriscus L.
Field of Specialization: Botany
- Howard Alonzo Wells.....Grand Island, N.Y.
 B.N.E. (North Carolina State College of Agriculture and Engineering); M.Sc.
Dissertation: Efficient Use of Groups in the Planning Process
Field of Specialization: Business Organization
- Leslie Eugene Whitford.....Dayton
 B.S. (Upper Iowa University); M.S. (State University of Iowa)
Dissertation: On Boundary Behavior of Power Series
Field of Specialization: Mathematics

- James Martin Whitney**.....Dayton
 B.A. (Illinois College); B. of T.E., M.S. (Georgia Institute of Technology); M.Sc.
Dissertation: A Study of the Effects of Coupling between Bending and Stretching on the Mechanical Behavior of Layered Anisotropic Composite Materials
Field of Specialization: Engineering Mechanics
- Larry Everett Wing**.....Circleville
 B.Ch.E., M.Sc.
Dissertation: The Vapor Phase, Catalytic Hydration of Propylene Oxide
Field of Specialization: Chemical Engineering
- Barry Bates Witham**.....Jackson Heights, N. Y.
 B.A. (Tufts University); M.A. (State University of Iowa)
Dissertation: The Dramaturgy of Owen Davis
Field of Specialization: Theatre
- Warren Walter Wolf**.....Cleveland
 B.S. (Pennsylvania State University)
Dissertation: Crystallization Phenomena at or near the Surface of Titania Opacified Porcelain Enamels
Field of Specialization: Ceramic Engineering
- Francis James Woods**.....Cortland, N. Y.
 B.S., M.S. (State University of New York, Cortland)
Dissertation: The Validation of The Ohio State University Cardiovascular Fitness Test
Field of Specialization: Physical Education
- Blaine Richard Worthen**.....Draper, Utah
 B.S., M.S. (Elem Educ.) (University of Utah)
Dissertation: The Impact of Research Assistantship Experience on the Subsequent Career Development of Educational Researchers
Field of Specialization: Education
- David Lester Zartman**.....Albuquerque, N. M.
 B.S. in Agri. (New Mexico State University); M.Sc.
Dissertation: A Chromosome Study of Pigs Derived from Irradiated Male Swine and Semen
Field of Specialization: Dairy Science
- Certificate of Specialist in Educational Administration** (One candidate)
- Harold Harlow Aikins**.....Xenia
 B.S. in Elem. Edu. (Gorham State Teachers College, Maine); M.A.
- Master of Accounting** (Three candidates)
- Douglas Jay Feltman**.....Little Creek, Va.
 B.S. (Bus.Adm.) (Lehigh University)
Field of Specialization: Accounting
- Michael David Kane**.....Ashtabula
 B.Sc. in Bus.Adm.
Field of Specialization: Accounting
- Keith Thomas Murgatroyd**.....Troy
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Accounting

Master of Arts

(Three hundred and fourteen candidates)

- Thomas Joseph Acquario**.....Albany, N. Y.
B.A. (Siena College)
Field of Specialization: Romance Languages
- Andree Claudine Jaccard Adams**.....Jackson
A.B. (University of Kentucky)
Field of Specialization: Romance Languages (French)
- Kenton Leon Adkins**.....Powell
B.A. (Marshall University)
Field of Specialization: Education
- Mary Ann Alba Alia**.....Saddle Brook, N. J.
B.Sc. in Edu.
Field of Specialization: Education
- Marjorie Jane Andreas**.....Worthington
B.Sc. in Edu.
Field of Specialization: Education
- Robert Francis Ankney**.....Dover
B.Sc. in Edu.
Field of Specialization: Education
- Kamlesh Kumari Arora**.....Hissar, Punjab, India
M.S. (Punjab University)
Field of Specialization: Speech
- Vernon Duane Aune**.....Waukesha, Wis.
B.S. (Moorhead State College)
Field of Specialization: Education
- Glenn Roger Avery**.....Spokane, Wash.
B.A. (Seattle University)
Field of Specialization: Journalism
- Janet Stoer Babb**.....Mt. Sterling
B.Sc. in Edu.
Field of Specialization: Education
- Dale LeRoy Baker**.....Columbus
A.B. (West Liberty State College)
Field of Specialization: Education
- Janice Ellen Baker**.....Worthington
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Speech
- Barbara Cordle Ball**.....Columbus
B.Sc. in Edu.
Field of Specialization: Journalism

- Rodney Jack Ball.....Chesterland
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Patrick Barrick.....Parma
 B.S. in Ed. (California State College, Pennsylvania)
Field of Specialization: Education
- Ingrid Maria Bauer.....Granite City, Ill.
 B.A. (Saint Louis University)
Field of Specialization: Romance Languages
- Ellen Cruz Bautista.....Pasig, Philippines
 B.S. (University of the Philippines)
Field of Specialization: Political Science
- Evelyn Whitlock Beidel.....Grove City
 B.Sc. in Edu.
Field of Specialization: Education
- Jean Farina Bernholtz.....Galion
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Jon Stefan Bertschi.....Columbus
 B.A. (Carleton College)
Field of Specialization: Classics
- John Blaha.....Franklin Square, N. Y.
 B.S. (State University of New York at Stony Brook)
Field of Specialization: Psychology
- Robert William Bleyle.....New Riegel
 B.Mus. (Heidelberg College)
Field of Specialization: Music
- Lucille Walters Bolon.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Mary Haggerty Boltz.....Hillsboro
 B.Sc. in Edu.
Field of Specialization: Education
- Gene Frederick Brearton.....Prophetstown, Ill.
 B.S. in Educ. (Western Illinois State College)
Field of Specialization: Education
- San Dee Broida.....Louisville, Ky.
 B.S. in Ed. (University of Cincinnati)
Field of Specialization: Physical Education
- Carol Svigel Brown.....Fairport Harbor
 B.S. in Edu. (Kent State University)
Field of Specialization: Education

- David Jeffery Brown.....Columbus
 B.A. (Maryknoll Seminary)
Field of Specialization: Psychology
- Dale Leroy Brumbaugh.....Carrollton
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Milton Brundage.....Mansfield
 B.S., B.A. (Grace College, Indiana)
Field of Specialization: Speech
- Martha Foss Bullock.....Columbus
 A.B. (Wittenberg University)
Field of Specialization: Education
- Richard Taylor Bunner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John Frank Busse.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- George Charles Butrus.....Linwood, N. J.
 B.S. Ed. (New Jersey State Teachers College at Glassboro)
Field of Specialization: Education
- Willard Keith Cale.....Buffalo
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Georgeann Allard Calendine.....Portsmouth
 B.Sc. in Phys. Ther.
Field of Specialization: Slavic Languages
- James Ginn Callaway.....Columbus
 B.S.Ed. (University of Michigan)
Field of Specialization: Education
- Gerald David Cantrell.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- James Reuben Casebolt.....Columbus
 B.S. in Educ. (Pikeville College)
Field of Specialization: Education
- Elaine Cohen.....Cincinnati
 B.A. (Purdue University)
Field of Specialization: Education
- William Ebbert Coleman, Jr.....Hubbard
 B.A.
Field of Specialization: Speech
- Susan Grace Colville.....Mt. Vernon
 B.Sc. in Edu.
Field of Specialization: Romance Languages

- Elizabeth Platt Corliss.....Grove City
 B.A. (College of Wooster)
Field of Specialization: Education
- Virginia Knox Cornwell.....Canal Winchester
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Buxton Crosby.....Columbus
 B.F.A.
Field of Specialization: Art
- Donald Neumann Crusius.....Baltimore
 B.A. (Elmhurst College)
Field of Specialization: History
- Mary Jo Cukerbaum.....Youngstown
 B.S. (Boston University)
Field of Specialization: Speech
- Kenneth David Culver.....Milwaukee, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Journalism
- Robert Emmett Daley.....Dayton
 A.B. (University of Dayton)
Field of Specialization: Political Science
- Harriet Golda Davidorf.....Columbus
 B.A.
Field of Specialization: Education
- Miriam Anne Davis.....Leetonia
 B.Mus.Ed. (Baldwin-Wallace College)
Field of Specialization: Music
- Marilyn Peak Dawson.....Columbus
 A.B. (Duke University)
Field of Specialization: Education
- Laureen Bland Dean.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Claar Dean.....Livonia, Mich.
 A.B. (Ohio University)
Field of Specialization: Education
- Ann Leifeld Decker.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Michael John Devine.....Joliet, Ill.
 B.A. (Loras College)
Field of Specialization: History
- Vivian Irene Dicks.....Detroit, Mich.
 A.B. (Wayne State University)
Field of Specialization: Speech

- Sarah Virginia Dodd.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Lee Doll.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- Martin Milton Dorris.....Youngstown
 A.B. (John Carroll University)
Field of Specialization: Classics
- Stephen Aaron Douglas.....Columbus
 B.Sc. in Edu.
Field of Specialization: History
- Steven Cloyd Drake.....Tiffin
 B.Sc. in Agr.
Field of Specialization: Journalism
- Rosemary Duma.....Chicago, Ill.
 B.S.Ed. (Western Illinois University)
Field of Specialization: History
- Gay Pinnell Dunn.....Columbus
 B.A. (Eastern New Mexico University)
Field of Specialization: Education
- Nathalie Smith Durrant.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jewel Marie Echelbarger.....Zionsville, Ind.
 B.S. (Purdue University)
Field of Specialization: Education
- Donald Francis Eggeman.....Delphos
 B.Sc.
Field of Specialization: Psychology
- David Hirsh Enggas.....Kansas City, Mo.
 B.A. (University of Missouri at Kansas City)
Field of Specialization: English
- Iva Hemp English.....Worthington
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Lois Martin Erdmann.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Alan Dean Evans.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Education
- Joseph D. Exline.....Herndon, Va.
 A.B.Ed. (Glenville State College)
Field of Specialization: Education

- Derry Gedrych Eynon.....Mt. Morris, Ill.
 B.Sc. in Agr.
Field of Specialization: Journalism
- Mary E. Miller Fahner.....Cambridge
 B.S. (Mount Union College)
Field of Specialization: Education
- Charles A. Fair.....Findlay
 B.S.Jour. (Bowling Green State University)
Field of Specialization: Journalism
- Jesse Robert Fairbanks.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Steven Paul Farst.....Perrysville
 B.Sc. in Edu.
Field of Specialization: Music
- Cynthia P. Fastman.....Philadelphia, Pa.
 B.A. (University of Pennsylvania)
Field of Specialization: Romance Languages
- Arline Kay Felger.....Piqua
 A.B. (Capital University)
Field of Specialization: Education
- Samuel Williams Ferebee, III.....New Bern, N. C.
 A.B. (Duke University)
Field of Specialization: Journalism
- Robert Chester Fisher.....Xenia
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Mary Frances Focke.....Columbus
 B.Sc. in Edu.
Field of Specialization: Speech
- Marsha Gittelman Fogel.....Cincinnati
 B.S. in Edu. (University of Cincinnati)
Field of Specialization: Romance Languages
- Richard Robert Foley.....Hilliard
 B.S. (Bowling Green State University)
Field of Specialization: Art
- Thomas Robert Forrest.....Canfield
 B.S. (University of Wisconsin)
Field of Specialization: Sociology
- Edward Melvin Frame.....Zanesville
 B.A. (University of Hawaii)
Field of Specialization: Music

- Erhard Theodor Fries.....Zellerfeld, Germany
Field of Specialization: German
- Margaret Brooks Fruth.....Fostoria
 B.S.Ed. (Muskingum College)
Field of Specialization: Education
- Gerald Paul Fry.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- David Albert Funk.....Wooster
 B.A. (College of Wooster); LL.B. (Case Western Reserve University)
Field of Specialization: Political Science
- Scharyle Louise Funk.....Bellevue
 B.Sc. in Edu.
Field of Specialization: Education
- James Samuel Gallagher.....Columbus
 B.Mus.Ed. (Otterbein College)
Field of Specialization: Music
- Laura Clark Gaver.....Marion
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education
- Ronald Gene Gehring.....Newcastle, Wyo.
 B.S. in Educ. (Black Hills Teachers College)
Field of Specialization: Education
- Paul Geiniman.....Cleveland
 B.A.
Field of Specialization: Romance Languages
- Kathryn Froug Gersh.....Dayton
 B.Sc. in Soc.Wel.
Field of Specialization: Psychology
- George Charles Gibson.....Bonner Springs, Kan.
 B.S. (United States Air Force Academy)
Field of Specialization: Political Science
- Thelma Jemison Givens.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Diane Elizabeth Glatt.....Altadena, Calif.
 A.B. (University of California, Berkeley)
Field of Specialization: Theatre
- James Bostwick Gordon.....Canton
 B.Sc.
Field of Specialization: Psychology
- Kathleen Clegg Gordon.....Dayton
 B.A.
Field of Specialization: Speech

- Stephen Arthur Graf.....Arlington, Va.
 A.B. (Miami University)
Field of Specialization: Psychology
- Robert William Gray.....Welch, W. Va.
 B.S.Ed. (Concord State Teachers College)
Field of Specialization: Education
- Kenneth Richard Grube.....Hilliard
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Noel David Guitry.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Eugene Hackett.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- David Benjamin Hadley.....Harrod
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Edwin P. Hall, Jr.....Lexington, Ky.
 A.B. in Educ. (University of Kentucky)
Field of Specialization: Education
- Lili-Beth Brown Hamilton.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jowanda Wilson Harkins.....Washington C. H.
 B.Sc. in Edu.
Field of Specialization: Education
- Arnold Robert Hartman.....Seven Hills
 B.S. (Ohio University)
Field of Specialization: Education
- Alma Freeman Haskins.....Lafayette, Ala.
 B.S. (Alabama State College)
Field of Specialization: English
- Judith Ann Hauck.....Easton, Pa.
 B.A. (Bucknell University)
Field of Specialization: Education
- Linda Joyce Hawk.....Lafayette, Ind.
 B.S. (Heidelberg College)
Field of Specialization: Education
- Sister Angela Hayes.....Covington, Ky.
 B.A. (Catherine Spalding College)
Field of Specialization: Education
- William Claude Hayes.....Caldwell
 B.S. (Capital University)
Field of Specialization: Education

- Sister M. Helena Haynes.....La Crosse, Wis.
 B.A. (Viterbo College)
Field of Specialization: Education
- Dawn Reinhard Heikkila.....Bucyrus
 B.Sc. in Edu.
Field of Specialization: Education
- Rita Ann Higgins.....Lancaster
 B.Sc. in H.E.
Field of Specialization: Education
- Thomas Michael Hines.....Sayville, N. Y.
 B.S.B.A. (New York State University at Buffalo)
Field of Specialization: Business Organization
- Bruce Allen Hitchcock.....New Middletown
 B.Sc. in Edu.
Field of Specialization: Physical Education
- David McClelland Hockenbery.....West Jefferson
 A.B. (Capital University)
Field of Specialization: History
- Frederick Michael Holliday.....Slough, England
Field of Specialization: Physical Education
- Nancy Fetzer Hook.....Cleveland
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- James David Hopkins.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Robert George Huddleston.....Columbus
 B.A.
Field of Specialization: History
- Ronald Ervin Huff.....Columbus
 B.A. (Adrian College); B.D. (Methodist Theological School in Ohio)
Field of Specialization: History
- Ruth Ann Hull.....Miamiville
 A.B. (Wilmington College)
Field of Specialization: Education
- George Frank Hyrmer.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Ray Ignatz.....Elyria
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Janet Carol Ingram.....Parkersburg, W. Va.
 B.A. (West Virginia Wesleyan)
Field of Specialization: Education

- Langley Bruce James.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Jacqueline Rohde Jameson.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Naomi Schiller Jaynes.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sister Marianne E. Joy.....Dubuque, Ia.
 B.A. (Mundelein College)
Field of Specialization: Education
- Earleen Willis Judy.....Reynoldsburg
 B.A. (Wake Forest College)
Field of Specialization: Education
- Virginia Stone Kaiser.....Columbus
 B.S. (Murray State College)
Field of Specialization: Education
- George Alexander Kakis.....Columbus
 B.A. (Kent State University)
Field of Specialization: Art
- Joan Bernhard Kalb.....Delaware
 B.S. (University of Wisconsin)
Field of Specialization: Education
- Samuel Israel Kanter.....Columbus
 B.A.; LL.B. (Ohio Northern University)
Field of Specialization: Philosophy
- Onnolee McClintock Kantner.....Canal Winchester
 B. Music (Bluffton College)
Field of Specialization: Education
- Sister Mary Nicholas Karal.....Cedar Rapids, Ia.
 B.S. (Mount Mercy College, Iowa)
Field of Specialization: Education
- Dallas Dean Keiswetter.....Cozad, Neb.
 B.A. (Westmar College, Iowa)
Field of Specialization: Education
- Beverly Turpack Keller.....Cleveland
 B.S. in Edu. (Kent State University)
Field of Specialization: Speech
- Victor Randolph Ketcham.....Columbus
 B.A.Jour. (Bowling Green State University)
Field of Specialization: Journalism

- Richard Edward Kibbey.....Marion
 B.Sc. in Bus.Adm.
Field of Specialization: Art
- Avanelle Kidwell.....Mansfield
 A.B. (Berea College)
Field of Specialization: Physical Education
- Barbara Jeanne Kienzle.....Columbus
 B.A. (Principia College)
Field of Specialization: Education
- Pamela Lake Kiesel.....Andover, Mass.
 B.A. (Principia College)
Field of Specialization: Slavic Languages
- Robert Dan Kirvel.....Homerville
 B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
- Ingrid Gertrud Knodt.....Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: German
- William Fiege Koeckert.....Columbus
 B. of Gen.Educ. (University of Omaha)
Field of Specialization: Education
- Nancy Marion Krainock.....Campbell
 B.S. in Ed. (Youngstown University)
Field of Specialization: Education
- Aira Tidemanis Kranz.....Columbus
 B.A. (University of Toledo)
Field of Specialization: Education
- Edwin Dale Kranz.....Shiloh
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Stephen John Kravec.....Columbus
 B.F.A.
Field of Specialization: Art
- Karen Leslie Krebs.....Newark
 B.Sc. in Edu.
Field of Specialization: Education
- Sharon Kaye Krebs.....Dresden
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Pamela Grossman Krell.....Columbus
 B.A.
Field of Specialization: Psychology
- Jo Ann Kremer.....Norwood
 B.A. (Our Lady of Cincinnati College)
Field of Specialization: Education

- Ronald Wayne Kroeker.....Fairborn
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Beverly Mae Labrecque.....Windsor, Ont., Canada
 B.S. (Northern Michigan University)
Field of Specialization: Physical Education
- Sister M. Thaddeus Lang.....Columbus
 B.A. (Ohio Dominican College); M.A. (University of Notre Dame)
Field of Specialization: Education
- Karen Lee Lavine.....Sandusky
 B.Sc. in Edu.
Field of Specialization: Education
- James Herbert Lee.....Houston, Tex.
 B.A. (North Texas State University)
Field of Specialization: History
- Mark Steven Leff.....San Francisco, Calif.
 B.A. (San Francisco State College)
Field of Specialization: Journalism
- Joan Kinnach Lehr.....Elyria
 B.F.A. (Ohio University)
Field of Specialization: Music
- Judith Lucas Lesiak.....Dayton
 B.S. (Central Connecticut State College, New Britain)
Field of Specialization: Education
- Robert William Lewis.....Columbus
 B.S. in Edu. (Capital University)
Field of Specialization: Physical Education
- Helen Elizabeth Litzinger.....Somerset
 A.B. (University of Dayton)
Field of Specialization: Psychology
- Alvin Jay Lorman.....East Paterson, N. J.
 B.A. (Long Island University)
Field of Specialization: History
- Stephen Richard Lough.....Albion, Neb.
 A.B. (University of Nebraska)
Field of Specialization: Journalism
- Edward Christopher Lucy.....Liverpool, N. Y.
 B.S.Ed. (State University College, Cortland, New York)
Field of Specialization: Education
- Richard Henry Madden.....Bethesda, Md.
 B.B.A. (University of Notre Dame)
Field of Specialization: Speech

- Patricia Ann Marcus.....Columbus
 A.B. (University of Michigan)
Field of Specialization: English
- Vincent Marston.....Brockton, Mass.
 A.B. (Boston College)
Field of Specialization: Classics
- John Stuart Martin.....Columbus
 B.A.
Field of Specialization: English
- William Frederick Martin.....Cleveland
 B.S. (Ohio University)
Field of Specialization: Education
- Peter Maslowski.....Cincinnati
 A.B. (Miami University)
Field of Specialization: History
- Jean Katherine McDowell.....Hempstead, N. Y.
 B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Sister M. Antonia McGovern.....Columbus
 B.A. (Ohio Dominican College)
Field of Specialization: Romance Languages (Spanish)
- Robert Allen McKnight.....Columbus
 B.A.
Field of Specialization: Journalism
- Josette Filippi Meckstroth.....Minneapolis, Minn.
 B.A. (University of Minnesota)
Field of Specialization: Romance Languages
- Sister Mary Elaine Meers.....Stella Niagara, N. Y.
 B.S. (Rosary Hill College)
Field of Specialization: Art
- Betty Duba Melragon.....Columbus
 B.S.Comm. (State University of New York at Albany)
Field of Specialization: Education
- Edward Menge, Jr.....Columbus
 B.A.
Field of Specialization: Political Science
- Robert Arnold Merkle.....Milford Center
 B.Sc. in Edu.
Field of Specialization: Education
- Covenia Thompson Miller.....Rittman
 B.Sc. in Edu.
Field of Specialization: Education
- William Kelso Miller.....Huntington Station, N. Y.
 B.Sc. in Bus.Adm.
Field of Specialization: Education

- Selah Pries Mimna.....Hubbard
 A.B. (University of California, Berkeley)
Field of Specialization: Romance Languages
- Charles Isaac Moore.....Caldwell
 B.R.E. (Nyack Missionary College, New York); B.A. (Muskingum
 College)
Field of Specialization: Speech
- Lynn Shipman Morrow.....Columbus
 B.Sc. in Edu.
Field of Specialization: Theatre
- Delia Ann Munday.....Cranford, N. J.
 B.A. (Syracuse University)
Field of Specialization: Education
- Laura Marjorie Nathan.....Great Neck, N. Y.
 B.S. in Ed. (State University College at Brockport, New York)
Field of Specialization: Education
- Irene Lucille Nelson.....Columbus
 B.S. in Educ. (Wagner College)
Field of Specialization: Education
- Robert John Nelson.....Columbus
 B.A.
Field of Specialization: Art.
- Lynda Weitz Newman.....Columbus
 A.B. (Brandeis University)
Field of Specialization: Psychology
- Ronald Nicholson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Walter William Noss, Jr.....Cleveland
 B.S. in Edu. (Kent State University)
Field of Specialization: History
- John Willis O'Hara.....Berea
 B.S. (Defiance College)
Field of Specialization: Psychology
- Ronald Harry Oosting.....Lansing, Ill.
 B.S. (Calvin College)
Field of Specialization: Education
- Mary Agnes Opfer.....Elyria
 B.Sc. in Edu.
Field of Specialization: Education
- Duane Coulter Palmo.....Columbus
 B.F.A. (Carnegie Institute of Technology)
Field of Specialization: Speech

- Linda Marie Papenfus.....Toledo
 B.S.Ed. (Capital University)
Field of Specialization: Education
- Donald Edward Parker.....Bellefontaine
 B.Sc. in Edu.
Field of Specialization: Education
- Dennis Leroy Parrish.....Felicity
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- William Frank Patterson.....Grove City
 B.F.A. (Ohio University)
Field of Specialization: Journalism
- Carol Aldridge Patti.....Akron
 A.B. (University of Akron)
Field of Specialization: Education
- Edward Jeffrey Peltz.....Ashland
 A.B. (Marshall University)
Field of Specialization: History
- Martha Permar.....Orrville
 B.Sc. in Edu.
Field of Specialization: Education
- Vincent Dominic Petrella.....Mansfield
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Elizabeth Mae Pflaumer.....Lebanon
 A.B. (Asbury College)
Field of Specialization: Speech
- Iris Maria Pinero.....Rio Piedras, Puerto Rico
 B.S. (University of Puerto Rico)
Field of Specialization: Speech
- Alan Louis Pleasnick.....Norwalk
 B.Sc. in Edu.
Field of Specialization: History
- Marilyn King Pope.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- Dorothy Elaine Steingarten Pressman.....Columbus
 B.A. (University of Manitoba)
Field of Specialization: Speech
- Frederick William Preston.....Toledo
 B.A.
Field of Specialization: Sociology
- Andrew Joseph Przekop.....Detroit, Mich.
 A.B. (Wayne State University)
Field of Specialization: Slavic Languages

- Mary-Ellen Radachy.....Maple Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Nancy Elizabeth Rains.....Silver Spring, Md.
 B.A. (University of Maryland)
Field of Specialization: Psychology
- Robert Pedro Ramos.....Canton
 B.Sc. in Edu.
Field of Specialization: Education
- Allan Russell Raymond.....Hampton, N. H.
 A.B. (Bowdoin College)
Field of Specialization: History
- Albert George Richards.....Trinidad, West Indies
 B.A. (Xavier University)
Field of Specialization: Romance Languages
- Mary Partee Richardson.....Bryan
 B.S. in Ed. (Miami University)
Field of Specialization: Education
- Pauline Skinner Riel.....Marengo
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Lorne Rosenblood.....Hamilton, Ont., Canada
 B.S. (Case Western Reserve University)
Field of Specialization: Psychology
- Karen Guion Ross.....Big Prairie
 A.B. (Milligan College)
Field of Specialization: Education
- Jacqueline Powell Rothman.....Columbus
 B.A. (Southern Illinois University)
Field of Specialization: Education
- Sharon Ann Rowland.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Laurence Thomas Ruggieri.....Chester, S. C.
 B.A.
Field of Specialization: Journalism
- Thomas D. Rutan.....Mechanicsburg
 A.B. (Capital University)
Field of Specialization: Education
- Mary Margret Ryan.....Wilton, Me.
 B.A. (University of New Hampshire)
Field of Specialization: Education
- Judith Marie Sadowski.....Mansfield
 B.Sc. in Edu.
Field of Specialization: Education

- Ann Ingeborg Morral Sandor.....Columbus
 B.A. (Ohio Dominican College)
Field of Specialization: Psychology
- Noreen Ann Sanislo.....Cleveland
 A.B. (Heidelberg College)
Field of Specialization: Education
- Roger Orlando Santille.....Hopedale
 B.Sc. in Edu.
Field of Specialization: Physical Education
- John Erwin Sauer.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Thomas Charles Sawyer.....Worthington
 B.A.
Field of Specialization: Journalism
- Larry William Schaufelberger.....Van Wert
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Music
- Donald Eugene Schertzer.....Marion
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Joseph Allen Schindler.....Upper Sandusky
 B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Terence Luther Schreiber.....Columbus
 A.B. (Wittenberg University)
Field of Specialization: Education
- Peter Carlton Schroeder.....Masury
 A.B. (Youngstown University)
Field of Specialization: History
- Susan Grossman Schroeer.....New York, N. Y.
 B.Sc. in Edu.
Field of Specialization: Speech
- Floyd Earnest Seitz.....Cleveland Heights
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Lucille Mumaw Shank.....Columbus
 B.A. (Eastern Mennonite College)
Field of Specialization: Education
- Joan Adler Shell.....Great Neck, N. Y.
 B.Sc. in Edu.
Field of Specialization: Education
- Clyde Douglas Sherfey.....Santa Cruz, Calif.
 B.A. (Fresno State College)
Field of Specialization: Journalism

- Grace Irene Shoemaker.....Dunkirk
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Music
- Carol Baughman Slater.....DeGraff
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Frederick William Slater, III.....DeGraff
 B.S. (Capital University)
Field of Specialization: Education
- George Ferrall Slaughter.....Canton
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Dolores Chrisman Slivka.....Cleveland
 B.S. (Case Western Reserve University)
Field of Specialization: Education
- Carmen Goldstaub Slominski.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Norma Pluto Smith.....Marion
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Gale Snyder.....Parma Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Graydon Niles Snyder.....Coshocton
 B.Sc. in Agr.
Field of Specialization: Education
- Marcia Heffernan Speakman.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Constance Phillips Spotts.....Grove City
 B.A. (Adrian College)
Field of Specialization: Physical Education
- Robert Alan Stallings.....Westerville
 B.A.
Field of Specialization: Sociology
- Nancy Jean Stephenson.....West Lafayette, Ind.
 B.Mus. (North Texas State University)
Field of Specialization: Music
- Dennis Earl Stewart.....Westerville
 B.A. (Otterbein College)
Field of Specialization: Education

- George Rudolph Stich.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Political Science
- Philip Winston Stockton.....Bowling Green
 B.A.
Field of Specialization: Journalism
- Betty Jean Straub.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Cynthia Stevens Strauss.....Columbus
 B.A.
Field of Specialization: Education
- Nancy Katherine Stump.....Ashtabula
 A.B. (Marshall University)
Field of Specialization: Romance Languages
- Judith Joan Sunday.....Youngstown
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Nancy Heiks Suter.....Bluffton
 B.S. in Edu. (Bluffton College)
Field of Specialization: Education
- Shirrel Von Tackett.....Rushtown
 B.Sc. in Edu.
Field of Specialization: Education
- Donald P. Tate.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Phoebe Lee Teichert.....Greensburg, Pa.
 B.S. (Slippery Rock State College, Pennsylvania)
Field of Specialization: Physical Education (Health Education)
- Nina Armstrong Tenaglia.....Columbus
 B.Sc.
Field of Specialization: Education
- Harold Elmer Theis, Jr.....Euclid
 A.B. (Wittenberg University)
Field of Specialization: Sociology
- William Arthur Tillinghast.....Lincoln, Neb.
 B.S.Ed. (University of Nebraska)
Field of Specialization: Journalism
- Carol Jeffery Todd.....Paulding
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Music
- Barbara Oliver Tootle.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Sociology

- Betty Marie Tucker**.....Zanesville
 B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Nicholas Phillippe Turoff**.....Springfield
 Ph.B. (University of Detroit); B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Thomas Harvey VanBrunt**.....Toronto
 B.A.
Field of Specialization: Speech
- Sharon Lynne Veale**.....Springfield
 B.S. (Ed.) (Indiana University)
Field of Specialization: Education
- William Joseph Vesey, Jr.**.....Colonia, N. J.
 B.A. (Newark State College)
Field of Specialization: Education
- Linda Stewart Vogel**.....Lima
 B.Sc. in Edu.
Field of Specialization: Education
- Winifred Diane Wain**.....Mansfield
 B.Sc. in Edu.
Field of Specialization: Education
- Harmon Johnson Walker, Jr.**.....London
 A.B. (Ohio University)
Field of Specialization: History
- Judith Rose Walters**.....Circleville
 A.B. (Ohio University)
Field of Specialization: History
- Patricia Ann Warchol**.....Toledo
 B.A.
Field of Specialization: Speech
- Michael Daniel Warejko**.....Buffalo, N. Y.
 A.B. (University of Detroit)
Field of Specialization: Political Science
- Valerie Anne Warner**.....Sarasota, Fla.
 B.Sc. in Edu.
Field of Specialization: Education
- Thomas Clark Warnock**.....Lancaster, Pa.
 A.B. (Denison University)
Field of Specialization: Speech
- Elizabeth Ogden Warren**.....Columbus
 B.M.Ed. (Southeastern Louisiana College)
Field of Specialization: Music

- Paul Lafayette Webb, II.....Marion
 A.B. (University of Redlands); B.D. (Eastern Baptist Theological
 Seminary)
Field of Specialization: History
- Olavi Edward Weir.....Brookville
 B.A. (Southern Missionary College)
Field of Specialization: Education
- Margaret Louise While.....Cuyahoga Falls
 B.S. (University of Michigan)
Field of Specialization: Education
- Daniel Lee Whitacre.....Columbus
 B.Sc.
Field of Specialization: Education
- Mark B. Whitaker.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Constance Swinney Whitham.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Linda Schmalhurst Wilke.....Shelby
 B.F.A. (Ohio University)
Field of Specialization: Speech
- John Donald Williams.....Columbia, S. C.
 B.S. (University of South Carolina)
Field of Specialization: Psychology
- Sally Parrish Willits.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Franklin David Wilson.....East Liverpool
 B.Sc. in Edu.
Field of Specialization: Education
- Janet Louise Wilson.....South Vienna
 B.S. (Wilmington College)
Field of Specialization: Education
- Larry Leroy Wilson.....Westerville
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Maudie Louise Wilson.....Grenada, Miss.
 B.S. (Jackson State College)
Field of Specialization: Education
- Susan Lindsey Wise.....Wooster
 B.Music Ed. (Capital University)
Field of Specialization: Education
- Diana Jean Wolff.....Broadview, Ill.
 A.B. (Augustana College)
Field of Specialization: Education

- Jerilyn Lazear Wolman.....Columbus
 B.Sc. in Edu.
Field of Specialization: Political Science
- Gertrude Stienecker Wright.....Grove City
 B.Sc. in Edu.; B.S. in L.S. (Case Western Reserve University)
Field of Specialization: Education
- Chu Lin Yeh.....Taiwan, China
 B.A. (Taiwan Normal University)
Field of Specialization: Education
- Mary Nicewander Yingling.....Lafayette, Ind.
 B.A. (Purdue University)
Field of Specialization: Art
- Georgia Zannaras.....Reading, Pa.
 B.A. (Indiana State College, Pennsylvania)
Field of Specialization: Geography
- Marguerita Calfee Zigo.....Canton
 B.S.Ed. (Muskingum College)
Field of Specialization: Education
- JoAnn M. Zimmerman.....Mansfield
 B.S.B.A. (Ashland College)
Field of Specialization: Education
- Jonathan Walter Zophy.....Holland, Mich.
 B.A. (Michigan State University)
Field of Specialization: History

Master of Business Administration

(Thirty-seven candidates)

- Joseph Ervin Ballew.....Kevil, Ky.
 B.S. (Business) (Indiana University)
Field of Specialization: Business Organization
- Nicholas Stanislaus Baskey, Jr.....Fremont
 B.A. (Yale University)
Field of Specialization: Business Organization
- Dennis Jerome Belknap.....Bellevue, Neb.
 B.Gen.Educ. (University of Omaha)
Field of Specialization: Business Organization
- Terry Lee Bockhorn.....Dayton
 B.E.E. (University of Dayton)
Field of Specialization: Business Organization
- Richard Thompson Brigden.....Euclid
 B.A. (Dartmouth College)
Field of Specialization: Business Organization
- Richard Keaton Carroll.....Upper Sandusky
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Lloyd LeRoy Carter.....East St. Louis, Ill.
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization

- Dale Olin Channell.....Senecaville
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Gerald Dudley Clark.....Mt. Vernon
 B.S. in M.E. (University of Rochester)
Field of Specialization: Business Organization
- Gus James Coutlakis.....Charleston, S. C.
 B.A. (Duke University)
Field of Specialization: Business Organization
- Robert Edward Davis.....Carbondale, Ill.
 B.S. (Southern Illinois University)
Field of Specialization: Business Organization
- Roger Fisher Davis.....Columbus
 B.S. in Bus.Adm. (Capital University)
Field of Specialization: Business Organization
- Walter Frederick Duy.....Mansfield
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Taylor Elrod.....Chatsworth, Ga.
 B.B.A. (University of Oklahoma)
Field of Specialization: Business Organization
- James Victor Griesen.....Canton
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Gerald Aldrich Hargitt.....Spokane, Wash.
 B.S. (Syracuse University)
Field of Specialization: Business Organization
- Guillermo Herrera-Espinosa.....Potrerillos, Chiriqui, Panama
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Thomas F. Hudak.....Gahanna
 B.S. (Saint Vincent College)
Field of Specialization: Business Organization
- William John Karpinski.....Lorain
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- Henry Gary Kuhlmann.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James Donald Lashbrook.....Dayton
 B.S. (Brescia College, Kentucky)
Field of Specialization: Business Organization

- Timothy Raymond Longstreth.....Zanesville
 B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Maria Cecilia Concepcion Lopez.....Marion
 A.B. (College of the Holy Spirit)
Field of Specialization: Business Organization
- Robert Leroy Lough.....Dayton
 B.B.A. (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Edward McCarty.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Business Organization
- Robert Douglas Palmquist.....Columbus
 A.B. (University of Missouri)
Field of Specialization: Business Organization
- Roy Walter Pike.....Rochester, Minn.
 B.S. (South Dakota State University)
Field of Specialization: Business Organization
- John Brinton Robinson.....Norfolk, Va.
 B.S.Ind.Mgt. (Purdue University)
Field of Specialization: Business Organization
- Paul Lawrence Sauer.....Columbus
 B.Sc. in Mech.Engr. (University of Notre Dame)
Field of Specialization: Business Organization
- James Richard Shable.....Cleveland
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Fred John Shockley.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Business Organization
- Cecil Jay Smith.....Penn Yan, N. Y.
 B.S. (Syracuse University)
Field of Specialization: Business Organization
- Andrew Fielding Steinman.....Worthington
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Arthur Stewart.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Louis Strayer.....Sidney
 B.Sc. in Agr., B.Sc. in Edu.
Field of Specialization: Business Organization

John Bernard Travers..... Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Paul Lawrence Wilkens..... Seville
B.S. in Bus.Adm. (Bowling Green State University)
Field of Specialization: Business Organization

Master of City Planning (Two candidates)

Michael Dennis Hock..... Columbus
B.Sc. in Edu.
Field of Specialization: City and Regional Planning

Mohammad Sadiq Swati..... Hazara, West Pakistan
B.Sc. (West Pakistan University of Engineering and Technology)
Field of Specialization: City and Regional Planning

Master of Fine Arts (One candidate)

Jeanne Carol Fryer..... Lancaster, N. Y.
B.F.A. (State University of New York at Buffalo)
Field of Specialization: Fine Arts (Painting)

Master of Music (One candidate)

Daniel Wayne Ruddick..... Willoughby
B.Sc. in Edu.
Field of Specialization: Music

Master of Science (One hundred and sixty-two candidates)

Douglas Oldfather Abbott..... Columbus
B.S. (University of Wyoming)
Field of Specialization: Microbiology

Lazar I. Almasanu..... Marion
Field of Specialization: Electrical Engineering

Filomeno Newton Almeida..... Goa, India
B.E. (University of Bombay)
Field of Specialization: Civil Engineering

Theodore Nicholas Bailey..... Lore City
B.Sc. in Agr.
Field of Specialization: Zoology

Robert Charles Barney..... Columbus
B.Sc.
Field of Specialization: Microbiology

- Janet Redman Bartels.....Columbus
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Clifford Glenn Baughman.....DeGraff
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Grant Bender.....Niles
 B.E. (Youngstown University)
Field of Specialization: Electrical Engineering
- Alan Wilson Besse.....Blacksburg, Va.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Judith Ann Beyring.....Cincinnati
 B.S.Ed. (Miami University)
Field of Specialization: Home Economics
- Samuel Darrell Blair.....Richmond, Ky.
 B.S. (Eastern Kentucky State College)
Field of Specialization: Chemistry
- John William Blumberg.....Cincinnati
 B.Sc. in Phys.
Field of Specialization: Computer and Information Science
- John Holly Boucher.....San Rafael, Calif.
 B.S. in Agr., D.V.M. (University of Missouri); M.S. (Cornell University)
Field of Specialization: Veterinary Physiology
- Diane Marie Brost.....Aberdeen, S. D.
 B.S. in Educ. (Northern State Teachers College, Aberdeen, South Dakota)
Field of Specialization: Mathematics
- Delbert LeRoy Brown.....Worthington
 B.A. (Union College); M.D. (Loma Linda University)
Field of Specialization: Psychiatry
- Mary Kathryn Brown.....Alexandria, La.
 B.S. (Northwestern State College of Louisiana)
Field of Specialization: Pathology
- Robert Edward Brown.....Fayetteville
 B.Sc.
Field of Specialization: Agronomy
- Julia Holbrook Burgess.....Chesapeake
 A.B. (Marshall University)
Field of Specialization: Home Economics
- Walter Ronald Butler.....Vienna
 B.Sc. in Agr.
Field of Specialization: Dairy Science

- Frank Gilbert Calhoun, Jr.....Bellevue
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Edward Cardona.....New York, N. Y.
 B.S. (City College, New York)
Field of Specialization: Physiology
- Michael Dale Carroll.....San Diego, Calif.
 B.S. (United States Merchant Marine Academy)
Field of Specialization: Geodetic Science
- Cynthia Brand Caudill.....Worthington
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Joel Robert Chambers.....Columbus
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Jiann-Chyr Chang.....Taichung, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Dairy Technology
- LaVern Charles Christianson.....Austin, Minn.
 B.S. (Mankato State College, Minnesota)
Field of Specialization: Mathematics
- Richard Davis Chronister, Jr.....Dayton
 B.S. (Physics) (University of Oklahoma)
Field of Specialization: Nuclear Engineering
- James Albert Clancy.....Dublin, Ireland
 B.Sc. (National University of Ireland); M.S. (Purdue University)
Field of Specialization: Poultry Science
- Gordon Ray Clevenger.....Columbus Grove
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Penelope Rush Colbaugh.....Bartlesville, Okla.
 B.S. (Oklahoma State University)
Field of Specialization: Zoology
- Phillip Francis Colbaugh.....Bartlesville, Okla.
 B.S. (Oklahoma State University)
Field of Specialization: Plant Pathology
- David Hampton Collins.....Beltsville, Md.
 B.S. (University of Wisconsin)
Field of Specialization: Pathology
- Ivan Fredes Contreras.....Santiago, Chile
Field of Specialization: Dairy Technology
- John James Convey.....Miami, Fla.
 B.A., M.A. (LaSalle College)
Field of Specialization: Mathematics

- Charles Irvin Copeland.....Wapakoneta
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Richard Roy Corwin.....Dayton
 B.Sc. in Phys.
Field of Specialization: Electrical Engineering
- Gary Jay DaMert.....Middleburg Heights
 B.Sc.
Field of Specialization: Microbiology
- Raymond Eugene Dann.....Marathon, N. Y.
 B.S. (Cornell University)
Field of Specialization: Pharmacy
- Biswa Tosh Datta.....Howrah, India
 B.Sc. (Scottish Church College, Calcutta) ; M.Sc. (Calcutta University)
Field of Specialization: Mathematics
- Sharen Ann Deacon.....Waverly
 B.S. (Harding College)
Field of Specialization: Home Economics
- Vidal Pedroso de Faria.....Sao Paulo, Brazil
 Eng. Agronomo (Universidade de Sao Paulo)
Field of Specialization: Animal Science
- Norma Ruoff Deyo.....London
 B.Sc. in H.E.
Field of Specialization: Home Economics
- John Frederick Dilley.....Columbus
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- William Albert Dimmitt.....Independence, Mo.
 B.S. (University of Missouri)
Field of Specialization: Entomology
- George Ronald Dochat, Jr.....Columbus
 B.A. (Franklin and Marshall College, Lancaster, Pennsylvania)
Field of Specialization: Aeronautical and Astronautical Engineering
- Bradley Harris Dowden.....Columbus
 B.Sc.
Field of Specialization: Physics
- John Eric Doyle.....Berkeley, Calif.
 B.M.E.
Field of Specialization: Mechanical Engineering
- Janice Mosny Duke.....Springfield
 A.B. (Wittenberg University)
Field of Specialization: Chemistry
- Joseph Gordon Dunleavy.....Columbus
 B.S. in Met.Engr. (Michigan College of Mining and Technology)
Field of Specialization: Metallurgical Engineering

- Veronica Anne Durkin.....Belmar, N. J.
 B.S.N. (Catholic University of America)
Field of Specialization: Nursing
- Marilyn Scott Ewing.....Columbus
 B.S. (Capital University)
Field of Specialization: Mathematics
- Francis Afolabi Fajemirokun.....Okeigbo, Nigeria
 B.Sc. (University of Nigeria)
Field of Specialization: Geodetic Science
- Dennis Dale Fay.....Cleveland
 B.Sc.
Field of Specialization: Microbiology
- Jack Moreland Ferrier.....Bay Village
 B.Sc.
Field of Specialization: Physics
- Arthur Williams Fetter.....Big Prairie
 D.V.M.
Field of Specialization: Veterinary Pathology
- Robert Rudolph Finch.....Dayton
 D.D.S.
Field of Specialization: Pathology
- Kathleen Dianne Finn.....Skokie, Ill.
 B.S. (Northern Illinois University)
Field of Specialization: Home Economics
- Terrence Albert Fletcher.....Wortmanville, Georgetown,
 Guyana
 B.Sc.Engin. (University of Aberdeen, Scotland)
Field of Specialization: Civil Engineering
- John Freeland.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Larry John Fruit.....Bloomsburg, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Electrical Engineering
- Issam Naoum Ghassan.....Baghdad, Iraq
 B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Marcus Fantozzi Giorgetti.....Sao Paulo, Brazil
 Mech.Engr. (Escola de Engenharia de Sao Carlos)
Field of Specialization: Mechanical Engineering
- Theodore Lee Glenn.....Greenwich
 B.Agr.E.
Field of Specialization: Agricultural Engineering

- Allan Bruce Goldberg.....Silver Spring, Md.
A.B. (George Washington University)
Field of Specialization: Chemistry
- Murray Goldwag.....Brooklyn, N. Y.
B.S. (Brooklyn College)
Field of Specialization: Mathematics
- Helen Kay Grant.....Columbus
B.Sc. in Occ.Ther.
Field of Specialization: Anatomy
- Larry Eugene Greer.....South Pasadena, Calif.
B.S.C.E. (Purdue University); B.S. (Manchester College)
Field of Specialization: Civil Engineering
- Bruce Eldon Hamilton.....Columbus
B.S. (Oregon State University)
Field of Specialization: Electrical Engineering
- William Earl Hammer, Jr.....Centerville
B.I.E. (University of Dayton)
Field of Specialization: Industrial Engineering
- George Randall Harker.....Cleveland
B.Sc. in Agr.
Field of Specialization: Zoology
- Lee Warren Henderson, III.....Waynesburg, Pa.
B.S. (Waynesburg College)
Field of Specialization: Geodetic Science
- Tatsuo Higa.....Yabu-Son, Okinawa
B.E. (Yokohama National University, Japan)
Field of Specialization: Chemistry
- Syed Amrulla Hussaini.....Warangal, India
B.V.Sc. and A.H. (Osmania University, India)
Field of Specialization: Dairy Science
- Nancy Sullivan Karp.....West Roxbury, Mass.
B.S. (Ed.) (State Teachers College, Framingham, Massachusetts)
Field of Specialization: Preventive Medicine
- David Susumu Kato.....Gresham, Ore.
B.S. (E.E.) (Oregon State University)
Field of Specialization: Electrical Engineering
- David Michael Kincaid.....Cincinnati
B.S. (University of Cincinnati)
Field of Specialization: Mathematics
- David Joel Kinzelman.....Columbus
B.Sc.
Field of Specialization: Geology
- Sister M. Rosalie Kline.....Pittsburgh, Pa.
B.S.Ed. (Duquesne University)
Field of Specialization: Mathematics

- Satishchandra S. Kokrady.....Bombay, India
 B.Sc., B.S.Tech., M.Tech. (University of Bombay)
Field of Specialization: Chemistry
- Helmut G. Kramer.....Solon
 B.S. (Valparaiso University)
Field of Specialization: Microbiology
- Surinder Kumar.....Amritsar, India
 B.Sc. (University of Punjab)
Field of Specialization: Dairy Technology
- John Walter Kuntz.....Columbus
 B.Sc. in Edu.
Field of Specialization: Mathematics
- Nancy Ann Lantz.....Warren
 B.S. (Mercyhurst College, Pennsylvania)
Field of Specialization: Home Economics
- Graham John Larson.....Sandstone, Minn.
 B.A. (Gustavus Adolphus College)
Field of Specialization: Mathematics
- Clarence Michael Lee.....Honolulu, Hawaii
 B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Judith Walters Leste.....Columbus
 B.Sc.
Field of Specialization: Microbiology
- Chii-fa Lin.....Hsinchu, Taiwan, China
 B.S. in Ag. (National Taiwan University)
Field of Specialization: Dairy Technology
- Kay Chaffey Lindsay.....Tamworth, Australia
 B.Sc. (Hons.) (University of New England, Australia)
Field of Specialization: Entomology
- Jennifer Ruth Lohse.....Pomeroy
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Lona Johnson Loy.....Columbus
 B.S. in Ed. (Wittenberg University)
Field of Specialization: Home Economics
- Matthew John Lucas, Jr.....Columbus
 B.W.E.
Field of Specialization: Welding Engineering
- John Francis Maguire.....Arlington, Va.
 B.S. (Cornell University)
Field of Specialization: Electrical Engineering
- Salah El-Din Abdel-Hadi Mahmoud.....Cairo, Egypt
 B.Met.Engr. (Cairo University)
Field of Specialization: Metallurgical Engineering

- Norman Harold Mason.....Bossier City, La.
 B.S. (University of Arkansas)
Field of Specialization: Geodetic Science
- Thomas Anthony Massmann.....Palatine, Ill.
 B.A. (University of Portland)
Field of Specialization: Geodetic Science
- Anthony Alfred Matz, Jr.....Reading, Pa.
 B.S. (Moravian College) ; M.A.T. (Harvard University)
Field of Specialization: Mathematics
- William Lee Melvin.....Ironton
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Carl Allan Mentzer.....Youngstown
 B.E.E.
Field of Specialization: Electrical Engineering
- Sheldon Barnett Meyerson.....North Miami, Fla.
 B.S. (Muhlenberg College) ; M.D. (Jefferson Medical College)
Field of Specialization: Anatomy
- Linda Midkiff.....Hartford, Ky.
 B.S. (H.Ec.) (University of Kentucky)
Field of Specialization: Home Economics
- Sharrell Lee Mikesell.....Warsaw
 B.A. (Olivet Nazarene College)
Field of Specialization: Chemistry
- Raymond Allen Miller.....Ostrander
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Terence P. Moritz.....Chicago, Ill.
 B.S.M.E. (Purdue University)
Field of Specialization: Mechanical Engineering
- Orval Lee Mullen.....Oakwood
 B.Sc.
Field of Specialization: Microbiology
- Gordon Joseph Muller.....Georgetown, Guyana
 B.Sc. in Agr.
Field of Specialization: Plant Pathology
- Domicio Nascimento, Jr.....Goias, Brazil
 Eng.Agronomo (Universidade Rural do Brazil)
Field of Specialization: Animal Science
- Peter David Nealing.....Ocala, Fla.
 B.I.E.
Field of Specialization: Industrial Engineering

- Henry Charles Nixt..... Waterloo, Ia.
 B.S. (Loras College)
Field of Specialization: Mathematics
- Michael Thomas O'Brien..... Dublin
 B.M.E.
Field of Specialization: Mechanical Engineering
- James Edward O'Hara..... St. Louis, Mo.
 B.A. (Saint Mary's University of San Antonio)
Field of Specialization: Mathematics
- Terry Lee Oliver..... Versailles
 B.E.E.
Field of Specialization: Electrical Engineering
- Larkin Shaumus O'Neill..... Columbus
 B.Sc. in Phys.
Field of Specialization: Mathematics
- Richard Magee Osgood, Jr..... Fairborn
 B.S. (United States Military Academy)
Field of Specialization: Physics
- Charles Arthur Osmond..... Cincinnati
 A.B. (Miami University)
Field of Specialization: Botany
- Eric Jose Owen-Bartlett..... Santa Marta, Colombia
 Ing. Agr. (National University of Colombia)
Field of Specialization: Agronomy
- Sung Chun Pak..... Daly City, Calif.
 B.S. (University of California, Berkeley)
Field of Specialization: Chemical Engineering
- Sandra Lou Parrish..... Caldwell
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Charles Eugene Pencil..... Springfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Anek Piyankuwan..... Bangkok, Thailand
 B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- *Ralph William Preston..... Coshocton
Field of Specialization: Physics
- Richard Bruce Prior..... Leetonia
 B.A.
Field of Specialization: Microbiology
- Neal Clifford Raber..... Cleveland
 B.S. in Edu. (Kent State University)
Field of Specialization: Mathematics

* Also Bachelor of Science in Physics, College of Engineering

- Ronald Richard Remick.....Des Plaines, Ill.
 B.S.Ch.E. (Purdue University)
Field of Specialization: Chemical Engineering
- Donald Richard Rhodehamel.....Mentor
 B.M.E.
Field of Specialization: Mechanical Engineering
- Thomas Dwain Sayre.....Portland
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Earl Allen Scarr.....Coshocton
 B.Sc. in Med. Tech.
Field of Specialization: Pathology
- Steven William Schachter.....Columbus
 B.A.
Field of Specialization: Microbiology
- David Hudson Schmidt.....Carey
 B.Sc.
Field of Specialization: Microbiology
- Donald Edward Shaneberger.....Washington, N. J.
 B.S. in M.E. (Lafayette College)
Field of Specialization: Mechanical Engineering
- Dharam Paul Sharda.....Ludhiana, India
 B.Sc. (University of Punjab); B.V.Sc. and A.H. (Punjab University)
Field of Specialization: Animal Science
- Daniel McConnell Shellhammer.....Ashtabula
 B.Sc.
Field of Specialization: Physics
- Robert Charles Shufeldt.....Kinmundy, Ill.
 B.S. (University of Illinois)
Field of Specialization: Agronomy
- *Barry Lee Shultz.....Waterloo, Ind.
Field of Specialization: Welding Engineering
- Paul Robert Shutt.....Sugarcreek
 B.M.E.
Field of Specialization: Mechanical Engineering
- Roberto Dias de Moraes Silva.....Piracicaba, Sao Paulo, Brazil
 Eng.Agronomo (Universidade de Sao Paulo)
Field of Specialization: Poultry Science
- †Donald Alan Simons.....Columbus
Field of Specialization: Engineering Mechanics
- Harold Allan Simpson.....Alfred, N. Y.
 B.E.E.
Field of Specialization: Electrical Engineering

* Also Bachelor of Welding Engineering, College of Engineering
 † Also Bachelor of Mechanical Engineering, College of Engineering

- Shivashraya Singh.....Azamgarh, U. P., India
 B.Sc. (University of Gorakhpur) ; M.Sc. (Agra University)
Field of Specialization: Dairy Technology
- Charlotte Beard Slack.....Mt. Gilead
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Richard Louis Slaven.....Columbus
 B.S. (Kent State University)
Field of Specialization: Nuclear Engineering
- James Textor Smith.....Sandusky
 B.I.E.
Field of Specialization: Industrial Engineering
- William Lloyd Smith.....Lima
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Donald Edward Snider.....Lakewood
 B.Sc.
Field of Specialization: Physics
- Nancy Vesper Snyder.....Columbus
 B.Sc. in Occ.Ther.
Field of Specialization: Home Economics
- Hugh Blair Stamper, Jr.....Warren
 B.Sc.
Field of Specialization: Microbiology
- Dwight Raymond Stickney.....Cleveland
 B.Sc.
Field of Specialization: Microbiology
- Sigel Glenn Stocker.....Worthington
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- John Donald Sullivan, Jr.....Los Alamitos, Calif.
 B.S. (University of Florida)
Field of Specialization: Physics
- Philip Ross Swinehart.....Springfield, Ore.
 B.S. (Oregon State University)
Field of Specialization: Electrical Engineering
- Stephen Victor Taylor.....Lancaster
 E.E. (University of Cincinnati)
Field of Specialization: Zoology
- Thomas Richard Terrell.....Elyria
 B.Sc.
Field of Specialization: Mathematics
- Michael Paul Thompson.....Orient
 B.M.E.
Field of Specialization: Mechanical Engineering

Guner Hasan Tokcan.....Denizli, Turkey
B.I.E.

Field of Specialization: Industrial Engineering

Chiu-Hsing Tseng.....Miaoli, Taiwan, China
B.M. (Kaohsiung Medical College)

Field of Specialization: Pathology

John Gill Underwood, II.....Searcy, Ark.
B.S. (Harding College)

Field of Specialization: Chemistry

David Urban.....Rices Landing, Pa.
B.S. (Waynesburg College)

Field of Specialization: Zoology

Carla Bauer Vendeland.....Columbus
B.S. (University of Cincinnati)

Field of Specialization: Zoology

Francis Anthony Via.....Frostburg, Md.
B.S. (Chem.) (West Virginia University)

Field of Specialization: Chemistry

Ivan Elmer Woltmann.....Marion
B.A.A.E.

Field of Specialization: Aeronautical and Astronautical Engineering

John Myer Woods.....Chillicothe
B.S. in Engr. (McGill University)

Field of Specialization: Industrial Engineering

Stephen Eric Wren.....Worthington
B.E.E.

Field of Specialization: Electrical Engineering

Robert Dale Zeller.....Columbus
B.Sc. in Edu.

Field of Specialization: Physics

Master of Science in Public Administration (One candidate)

Herbert John Shubick.....Columbus
B.S.P.H. (University of Michigan)

Field of Specialization: Political Science

Master of Social Work (One candidate)

Richard Dale Keyes.....Columbus
B.A.

Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council Deans: Paul G. Craig

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

College of The Arts

Dean: O. Lee Riggsby

College of Biological Sciences

Acting Dean: John D. Briggs

College of Humanities

Dean: Charles L. Babcock

College of Mathematics
and Physical Sciences

Dean: Geoffrey Keller

College of Social
and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

(One hundred and eighty-four candidates)

Glorious Jean Aaron.....	Cleveland
Frances Augusta Allen.....	Bryan
Thurman Eugene Anderson.....	Elyria
William Lawton Arnold.....	Canfield
Pirjo Marjaana Ayranto.....	Cleveland
Geoffrey Lyle Bachert.....	Coshocton
Kurt Herold Barenfeld.....	Cincinnati
Rosemary June Barnhart.....	Columbus
Barbara Jane Bates.....	Cincinnati
Lana Turner Bauer.....	Cambridge
Sandra Holden Bebb.....	Columbus
David Keith Beebe.....	Zanesville
Lawrence Clayton Berger.....	Kirtland
Robert Oleh Braithwaite.....	Columbus
John Bush Brengelman.....	Cincinnati
Michael Francis Buck.....	Columbus
John Christopher Burt.....	Canton
Donald Bruce Byer.....	New York, N. Y.
Susan Theresa Byers.....	Seven Hills
Stanford Lauchlin Cameron.....	Columbus
Douglas Bruce Campbell (cum laude).....	Wellington
Allen Thomas Carden.....	Summit, N. J.
Richard Lee Carlson.....	Columbus
Helene Eva Chalfin.....	Paterson, N. J.
Dianne Marie Chilmoneczyk.....	Toledo
Mary Jane Chittenden, B.Sc. in Edu.....	Columbus
Joan Mary Clark.....	Alexandria, Va.
Charles Richard Conroy.....	Columbus
Martha Ragsdale Croft (cum laude and with Distinction in History)	Columbus
Sharon Kay Cuning (cum laude).....	Mansfield
Maureen Anne Daly.....	Worthington
Patricia Dwyer Daniels.....	Delaware
Anita Marguerite Davern.....	Jacobsburg
Wayne Spencer Deri.....	Hiram
Eugene Joseph DeTemple.....	Columbus
Daniel Eugene Dever.....	Cincinnati
John Gilbert Dick.....	Columbus
Clark William Distelhorst (summa cum laude).....	Hilliard
Jean Elizabeth Dixon.....	Columbus

Douglas Reber Dunkel.....	Circleville
Karen Sue Dybvig.....	Kettering
David Stewart Elkins.....	Olmsted Falls
Escalus Emmert Elliott, III.....	Columbus
Kathlyne Duffy Espy.....	Toledo
Richard Irvin Evans.....	Coshocton
Winston James Eyster.....	Columbus
Joann Frances Fabin.....	Seven Hills
Barry Mark Fallick.....	Brooklyn, N. Y.
John Richard Fisher, Jr.....	Columbus
Elsbeth Williams Fitzgerald.....	Youngstown
Harvey Lewis Forstag.....	Cleveland
Sue Jean Frankforther.....	Maumee
Daniel Karl Friend.....	Cleveland Heights
Ruth Reed Friscoe.....	Youngstown
Ronald Froug.....	Dayton
Sara Surgenor Fuller.....	Columbus
Stewart Joel Garber.....	Cleveland
Sandra Jo Gebhardt.....	Springfield
Patricia Jean Gilchrist.....	Easton, Pa.
Timothy John Glasow.....	Elyria
George Norman Gloeckner.....	Cincinnati
Kathleen Anne Golob.....	Kettering
Barbara Meade Goodenow (with Distinction in Political Science)...	Grafton
John Robert Grady.....	Columbus
Charles Owen Green.....	Cleveland
Richard Dale Green.....	Akron
Phillip David Greenberg.....	Youngstown
John Paul Grim.....	Springfield
Karen Ann Gustafson.....	Kimberton, Pa.
Ray Leon Hamilton.....	Columbus
Loryn Rhea Hazan.....	Columbus
Jean Lynette Henne.....	Canton
James Moore Herald.....	Youngstown
Laura Jane Heywood.....	Kettering
Cheryl Ann Hoskinson.....	Stow
Paul Christopher Ickes.....	Hamilton
Ernest Jackson.....	Urbancrest
Gary Duane Jarrell.....	Ashland
Clarence Francis Jeffries, II.....	Cleveland
Robert David Johnston.....	Navarre
Gregory Robert Jordan.....	St. Marys
Herbert Richard Kahn.....	Columbus
Catherine Charvat King.....	Columbus
Merele Wayne Kinsey, B.Sc. in Edu.....	Dover
Andrew Klenotic, Jr.....	West Richfield
Marc Lee Klynn.....	Mayfield Heights
Frederich Bernard Koch.....	Springfield
William Henrik Kose (cum laude).....	Pickerington
Elizabeth Stein Kramer.....	Euclid
Clarence Ivan Large, Jr.....	Dublin
Mary Ann Lassiter.....	Baltimore, Md.
John Paul Leininger.....	Ashland
Lester Levine.....	South Euclid
*Kristine K. Lindsey.....	Bryan
Patrick Reid Linn.....	Mansfield

* Also Bachelor of Science in Education, College of Education

David William Livingston.....	Sunbury
Daniel J. Lloyd, III.....	McDermott
Rosalie Irene Lokai.....	Urbana
Jeffrey Allen Long.....	Columbus
Larry Lawrence Long.....	Wadsworth
Linda Sue Lotzoff.....	Lima
Gordon Kenneth Maben.....	Akron
Miller Stauch Makey, Jr.....	Columbus
Anthony Ralph Marsicano, Jr.....	Columbus
Michael Masonbrink.....	Mentor
Frederick Paine May.....	Mansfield
*Marjorie Ann May.....	Lakewood
Sue Carrol McClung.....	Columbus
Mary McGavran.....	Columbus
Harold Eugene Meese (cum laude).....	Northfield
Linda Elaine Mendel.....	Akron
Richard David Messerman.....	Shaker Heights
April Kerr Miller.....	Falls Church, Va.
Howard Vincent Mishler.....	Cleveland
Janet Alice Moore.....	Alexandria, Va.
Martha Christine Moorhead.....	Cumberland
Jerome Douglas Mossing.....	Columbus
Daniel Eugene Muse.....	Columbus
Larry Walton Myers.....	Arlington, Va.
David Michael Nalle.....	Rocky River
Walter Byron Nichols.....	Sylvania
Virginia Lee Nowac.....	Maple Heights
Louise Katherine Nowalk.....	East Springfield
Eglee Wanda Perez-Rodriguez.....	Columbus
Shirley Diane Petersen.....	Rocky River
Sinlei Fazzolino Pinto.....	Columbus
Gary Joseph Pizzedaz.....	Alliance
Annette Adelle Porter.....	Columbus
John Carl Porter.....	Columbus
Jeanne Connelly Preston.....	Toledo
Jacolynn Joy Pryor.....	Lancaster
Frank Edwin Pulskamp.....	Celina
Robert Frederick Rafoth.....	Youngstown
Nancy Lee Randall.....	Columbus
Gretchen Geer Ream.....	Toledo
Robert Laibe Reed, Jr.....	Dayton
*Janet Rose Regula (cum laude).....	Bedford
Howard Jay Reuben.....	Akron
Judy Augusta Rice.....	North Bloomfield
James Dwight Ripley.....	Rockford
Lynne Dell Ristow.....	Cleveland
Jerald Thomas Roback.....	Worthington
Debra Ann Rogo.....	Brecksville
Rebecca Eve Rohal.....	Parma
Lauretta Marie Rorer.....	Dayton
Jacqueline Kay Roselle.....	Columbus
Robert James Rushing.....	Vandalia
David Arthur Sachs.....	Akron
Lawrence Michael Saltis.....	Stow
Michael David Schloss.....	University Heights

* Also Bachelor of Science in Education, College of Education

John Alan Schuchmann.....	Mansfield
Bruce William Shepline.....	Wapakoneta
William John Shkurti (with Distinction in Economics).....	Akron
Stephen Judson Simmons.....	Columbus
Patricia Ann Sipe.....	Granville
Charles Gaylord Smith.....	Tully, N. Y.
Dixie Allison Smith.....	College Corner
Robert Phillip Smith.....	North Ridgeville
Ronald Eugene Sova.....	Elyria
John Albert Spencer.....	Dayton
Richard Mark Spencer.....	Atlanta, Ga.
Janis Louise Stamm.....	Mantua
Gertrude Donna Stearns.....	University Heights
Richard Dale Stearns.....	Willard
Richard Gregory Stein.....	Columbus
Nancy Lee Stone.....	Columbus
Daniel Joseph Strickland.....	Middletown
Harold Ward Strickland.....	Columbus
Susan Dee Stull.....	Mansfield
Maria Linda Tedeschi.....	Columbus
Albert Jay Teichman.....	Cleveland
Mark Eugene Tompkins.....	Akron
Daniel Alan Trees.....	Columbus
John Curtis Vice.....	Columbus
Rebecca Lane Vourlas.....	DeGraff
Reynelda Lucile Ware.....	Columbus
Linda Elise Warner.....	Mansfield
Pamela Wickham.....	Delaware
Robert Hannan Williams, Jr.....	Cincinnati
Lois Ellen Wilson.....	Circleville
Rodger Lee Wilson.....	Columbus
Robert Francis Winegarner.....	Columbus
Kristin Wollam.....	Columbus
Carol Sue Wood.....	Cincinnati

Bachelor of Science

(One hundred and two candidates)

John Hankey Agnew.....	Youngstown
Danny Lowell Alexander.....	Gahanna
Charles Fitzwater Baker.....	Worthington
Richard Geoffrey Beer.....	Mansfield
Jeffrey Barton Blanchard.....	Rochester, N. Y.
Roger Dale Blevins.....	Pataskala
Jerald Sidney Bloomberg.....	Youngstown
Ralph Stafford Branscomb.....	Columbus
Stuart Lee Brown.....	Douglaston, N. Y.
Richard Allen Buehler.....	Columbus
Jeanne Annette Buie.....	Washington, D. C.
George Hills Burger.....	Demarest, N. J.
Julie Ann Cody.....	Cincinnati
James Lewis Culberson.....	Grove City
Claude Lemont Dallas, Jr.....	Cincinnati
James Palmer Dearing.....	Columbus
Richard Anton Dolfi.....	Steubenville
Anthony Joseph Donofrio.....	Youngstown
Kenneth Bernard Doty.....	Delaware
Sandra Ann Drabik.....	Toledo

Dennis Edward Dwyer.....Canton
 James Wayne Dye.....Heath
 Charles Joseph Elliott, Jr.....Marion
 Phillip Dean Endicott.....Van Wert
 Mark Richard Engelman.....Columbus
 Michael Vernon Fair.....Wooster
 William Louis Farno.....Minster
 Kevyn Ferry (cum laude and with Distinction in Zoology) .New York, N. Y.
 Lawrence Stuart Finegold.....Kettering
 Robert Edison Fox, II.....Columbus
 Bruce Albert Frasz.....Mansfield
 James William Garrett.....Columbus
 Robert Joseph Gerberry.....Youngstown
 Deborah Anne Grimes.....Fairborn
 Scott Clinton Hallsted.....Cincinnati
 Thomas Roger Hammond.....Middletown
 Earl Covert Harris.....Dayton
 James Bentley Hatcher.....New Concord
 Thomas Mitchell Hewlett.....Columbus
 Sara Sharpe Hilbert.....Columbus
 Johnny Marvin Hobgood.....Columbus
 Ronald Keith Hodgson.....Utica
 Robert Edward Hodson.....Columbus
 Barbara Jean Hoffman.....Columbia, S. C.
 Robert Douglas Ingram.....Brice
 Robert Paul Jacobson (cum laude).....Canton
 Sophie Thandiwe Jamakanga.....Salisbury, Rhodesia
 Donald Richard Jansen.....Garfield Heights
 Richard Lee Jolley.....Columbus
 Henry Alan Ker.....Columbus
 John Allan Kindler.....Cleveland
 Charles Edward Kopp.....Portsmouth
 John Burke Krupko (with Distinction in Zoology).....McDonald
 Daniel Richard Leahy.....Tiffin
 Stephen Victor Lee.....Dayton
 Ronald Dean Lehman.....Westerville
 Norman David Leppert.....Galena
 Marc Levine.....Westbury, N. Y.
 Richard Woodrow Lewis.....Newark
 Carol Annette Liskai.....Woodville
 Paul Thomas McCauley.....Worthington
 Ronald Bruce Meikle.....Arlington Heights, Ill.
 Stephen Victor Mendelson.....Brooklyn, N. Y.
 Robert Brent Miller (summa cum laude).....Troy
 Paul William Morganski.....Columbus
 Thomas George Morris, Jr.....Cincinnati
 Marilyn Carol Moss (cum laude).....Canton
 Joseph Anthony Murphy.....Lima
 Randall Dean Myers.....Columbus Grove
 Carol Ann Neff.....Columbus
 Darwyn Wallace Reid Newcomb.....Princess Anne, Md.
 Theodore William Nichting (cum laude).....Hamilton
 Franklin Casimir Nowicki.....Scranton, Pa.
 Robert Wesley Nutter.....Springfield
 Kenneth Lee Pavkov.....Doylestown
 Michael Polasky.....Cleveland

William Verl Reichert.....	Delaware
Robert Stephen Rhodes.....	South Charleston
Thomas Lee Ruckman.....	Lexington
Robert Sanitra.....	Amsterdam
Fred Ogden Schadle.....	Georgetown
Carole Hauss Schuller.....	Audubon, N. J.
David Lloyd Shotts.....	Columbus
Gerald Lewis Sirkin.....	Cleveland Heights
David Heber Slack.....	Zanesville
James Edwin Smith.....	Mansfield
Jeffrey Richard Stave.....	Fair Lawn, N. J.
Stanley Waldron Steers.....	Cincinnati
Tommy Dexter Stiefel.....	Bucyrus
Ted William Storck (cum laude).....	Hamilton
Martin Ray Taubman.....	Troy
Carolyn Peters Thomas.....	Columbus
Darbbie Jayne Thomas.....	East Liverpool
Dennis Wayne Thomas.....	Quaker City
James Richard Tomcik.....	Columbus
Dale Cyril Traven.....	Euclid
Richard Cornelius VanVeen.....	Rochester, N. Y.
William Dennis Walden, Jr.....	Shaker Heights
William Steven Waldman.....	Cleveland
Patrick Louis Weidner.....	Barberton
John Edward Wilcheck, Jr.....	Worthington
Dennis Duane Zaebst.....	Galion

College of The Arts

Dean: O. Lee Rigsby

Bachelor of Fine Arts

(Eighteen candidates)

Jacqueline Juanita Callahan.....	Springfield
George Russell Daniels.....	Van Wert
Karen Mae Deutsch.....	Cincinnati
Thomas John Diehl.....	Lima
Ann Marie Dobmeyer.....	Coldwater
Alice Hoffman Erb (cum laude).....	Columbus
David Alan Hardbarger.....	Columbus
Jeanne May Hofmann.....	Painesville
Julia Lavercombe Kish.....	Cincinnati
Marcia Louise Matthews.....	Chagrin Falls
Donna Rae Nelson (cum laude).....	Columbus
Thomas Michael Rask.....	East Cleveland
Mary Louise Ricker.....	Columbus
Diana Claire Snider.....	Cincinnati
Stuart Jay Spohn.....	Columbus
John Alan Sturgess.....	Mt. Vernon
Susan Schaeffer Utley.....	Columbus
William Charles Warden.....	Elyria

Bachelor of Music

(One candidate)

Walter Belinsky.....	Cleveland
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College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

(Seven candidates)

Mary Bilderback Abel.....	Akron
William Thomas Benham.....	Springfield
Donna Kay Copen.....	Geneva
Joseph DeRoy Keefer.....	Washington C. H.
Gloria Tritten Richardson.....	Lisbon
James David Waltermire.....	Cuyahoga Falls
Judith Ellen Woodyard.....	Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(One hundred and thirteen candidates)

Edward John Arent.....	Columbus
Richard Edward Arlen.....	Utica, N. Y.
Larry Ray Badger.....	Columbus
Stanley Baiman (summa cum laude).....	Mayfield Heights
Richard Warren Boggs.....	Hamilton
James Frank Bohnlein.....	Lima
Jeffrey William Bolte.....	Hillsboro
Robert Boyd Boreman.....	Ashland
Ronald Allan Borland.....	Maple Heights
Gregory William Brose.....	York, Pa.
William Thomas Butt, Jr.....	Dayton
David Wesley Camp.....	Wilmington
Joel Roderick Campbell.....	Brecksville
Rodney Louis Campbell.....	Cincinnati
Paul Lloyd Carver.....	Massillon
Donald Leroy Casper.....	Worthington
Thomas Maxwell Chamberlain.....	North Lewisburg
Joel Thomas Christman.....	Huron
Craig Allison Church.....	Columbus
Robert Burns Clement.....	Wapakoneta
Richard Lee Conrad.....	Columbus
James Elijah Crews.....	Columbus
Michael Joseph Diamond.....	Columbus
Nicholas Joseph DiBartolomeo.....	Euclid
Jeffrey Jonathon Doppelt.....	Mansfield
Gene Frank Douthat.....	Portsmouth
Joseph Jude Dusablon.....	Chicago, Ill.
Donald William Dwyer.....	Lima
Thomas Laman Esper.....	Vermilion
Kent David Fister.....	Cincinnati
Randolph Baxter Foster, III.....	Detroit, Mich.
George Wallace Fox, III.....	Mansfield
Lloyd Harley Frazier, Jr.....	Blacklick
John Lawrence Freeman.....	Syracuse, N. Y.
Dennis Peter Frolin (summa cum laude).....	Parma
Sue McInnis Fry.....	Columbus
Dewey Arthur Garner.....	Columbus
John Pete Georgiton.....	Columbus
David Nicholas Gerko.....	Byesville
David Lee Goldenberg.....	Dayton
Jack Lee Goodman, Jr.....	Abilene, Tex.
Mary Lucretia Griffith.....	Girard
James Leo Grosskopf (cum laude).....	Burton
David Raymond Heinzen.....	Savannah, Ga.
William Joseph Hennessy.....	Cleveland
James Waldron Hertsch, Jr.....	Franklin
James Hylas Hilliard.....	Columbus
Wilmer Frederick Hosket.....	Dayton
Anthony Edward Incorvia.....	Ashtabula

Melvin Martin Jacobs.....Beachwood
 McKenna Shelton Jordan, Jr.....Charleston, W. Va.
 Darryl Lynn Kasprowski.....St. Clairsville
 Edward John Kelly.....Springfield
 Alan Steven Kessler.....Columbus
 Michael Wayne LaPaglia.....West Jefferson
 Eric Charles Larsen.....Euclid
 Alan Patrick Laszlo.....Columbus
 Raymond Rocky Latham, Jr.....Columbus
 Michael John Lesko, Jr.....Cleveland
 James Henretty Leste.....Columbus
 Harold Lee Levin (cum laude).....Baltimore, Md.
 Richard John Linden.....Worcester, Mass.
 George Gregg Lindsey.....Columbus
 Stephen James Lisak.....Yardley, Pa.
 William Earl MacEwen, III.....Cleveland
 Gerald Francis Mann.....Toledo
 Larry Joseph McCartney.....Dayton
 Raymond Albert Meister.....Cleveland
 David Edward Meredith.....Yellow Springs
 William Leonard Meyer.....Grove City
 Lawrence Miller.....Toledo
 Olinda Edna Morris.....Canton
 Edward Lee Morrisey.....Lima
 Richard Frederick Norris (cum laude).....New Albany
 Charles Joseph Olimpio.....South Plainfield, N. J.
 Charles Eugene Ortlieb.....Columbus
 Joseph Paul Pavlik.....Waterville
 Esko Emil Pelttari.....Conneaut
 Gregory Lynn Pepple.....Lima
 Ralph Joseph Perk, Jr.....Cleveland
 Frank Louis Perrin.....Clyde
 Larry Richard Plum.....Circleville
 Donald William Pritchard.....Bay Village
 Richard E. Retterer.....Richwood
 Raymond Louis Rettinger, Jr.....Cincinnati
 John Michael Riddles.....Olmsted Falls
 John Garner Ritchey.....Zanesville
 David Paul Romig.....Warren
 Walter John Roth, Jr.....Mansfield
 Georgiana Kay Salco.....Westlake
 Dennis Gail Shaffer.....Mansfield
 Geoffrey Lee Shaw.....Lakewood
 Robert Franklin Sheldon.....Lima
 Bruce William Shewmaker.....Columbus
 Lawrence Jay Shoemaker.....Lima
 Jeffrey Lynn Smalley.....Mansfield
 Emery William Smith.....Cleveland
 Russell Franklin Smith, Jr.....Columbus
 Robert Leonard Sobota.....Cleveland
 Donna Louise Sowolla (cum laude).....Maple Heights
 Paul Conner Steinfurth.....Columbus
 Richard Michael Stevelberg.....Shaker Heights
 John Payne Stockwell.....Bryan
 Richard Brian Stratton.....Salem
 Thomas Lea Tibbals.....Columbus

John George Todor.....	Canton
Robert Wayland Uhl.....	Columbus
Frank Nicholas Verb.....	Oak Harbor
Patricia Jean Vrabel.....	Youngstown
Arthur Mitchel Wheeler.....	Columbus
Howard Wilson Young.....	LaRue
Gary Michael Zazula.....	Canton
Sandor Zoldan.....	South Euclid

School of Social Work

Bachelor of Science in Social Welfare

(Thirty-five candidates)

Julie Jeanne Banta.....	Los Angeles, Calif.
Carol Ann Barr.....	Mansfield
Barbara Lou Buchanan.....	Columbus
Cheryl Meinrod Carey.....	Columbus
Helen Robinson Cummings.....	Columbus
Sherril Blumert Diamond.....	Euclid
Judith Barbara Eitelberg.....	South Orange, N. J.
Donna Daye Everitt.....	Mariemont
Barry Eugene Everly.....	Marion
Gary Nathen Fink.....	Cleveland
Alan Jeffrey Gilbert.....	Cleveland
Suzanne Marie Kohl.....	Lakewood
Elizabeth Haag Kulow.....	Mentor
Jacqueline Ann Kushner.....	Rossford
Terri Ethel Lev.....	University Heights
Sheryl Ann Levine.....	Portsmouth
Valerie Smith Milless.....	Columbus
Robert Dana Moorehead.....	Westerville
Donna Ann Myers.....	Columbus
Judy Parks Parker.....	Grafton
Princie Carolyn Ratliff.....	Marion
Frederick Michael Ringenburg.....	Grove City
Karen Marie Ruffin.....	Louisville
Deborah Ann Runde.....	Columbus
Susan Diane Schie.....	Wooster
Marjorie Anne Schwartz.....	Oceanside, N. Y.
Linda Cardi Showalter.....	Columbus
Andria Figowitz Siegler.....	Cleveland Heights
Margaret Denyse Smith.....	Columbus
Sharon Lee Smith.....	Columbus
Dana Tabscott.....	Cincinnati
Patricia Ann Tille.....	Findlay
Helen Louise Walsh.....	Columbus
Joan Alice Wolak.....	Canton
Lynne Ann Work.....	Columbus

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Thirty-four candidates)

David Paul Amorose.....	Dublin
Erwin Parker Bauer.....	Columbus
Donald Leroy Boger.....	Kenton
Nancy Mills Brown.....	Reynoldsburg
William Lawrence Coe.....	Mt. Vernon
Robert Webster Core.....	Rushsylvania
Dennis Merle Cox.....	Convoy
Donald Dean Dilgard.....	Ashland
Joan Ingles Eyerman.....	Worthington
Stephen Patrick Farrell.....	Columbus
James Lee Fite.....	Georgetown
Douglas Jay Friedlander.....	Columbus
Merlin Ray Funderburg.....	New Carlisle
Tommy Wayne Garrison.....	Seaman
David Gerald Gibson.....	Hudson
Handy Dale Hatfield.....	Stoutsville
Jeanne Elizabeth Hummer.....	Plainview, N. Y.
Paul Gene King.....	Pandora
Karen Lu Kolleda.....	Cleveland
Paul Richard Krausman.....	Westerville
Stanley Ray Lifer.....	Danville
Gary Lee McQuinnif.....	Washington C. H.
Wendell Lee Montgomery.....	Newton Falls
Douglas Walker Morgan.....	Hamilton
Michael Leroy Price.....	Union City
Timothy Lewis Reichert.....	Groveport
Marvin George Rizer.....	LaRue
Frederick William Sandroek, III.....	Oak Harbor
Edwin Ross Schubert.....	Alvada
Jerry Lee Shoup.....	Wooster
Thomas Lee Stoll.....	Marshallville
Frances Ulle.....	Euclid
Paul William Winks.....	Columbus
Edgar Paul Yoder.....	Millersburg

Bachelor of Science in Dairy Technology

(Two candidates)

Michael Edward Neal.....	Dayton
Robert Vernon Strayer.....	Maumee

Bachelor of Science in Food Technology

(Two candidates)

William Thomas Huddle.....	Waverly
Harold Ross.....	Columbus

Bachelor of Science in Nutrition

(One candidate)

Jerry Lee Pearson.....	West Milton
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School of Home Economics

Bachelor of Science in Home Economics

(Twenty-seven candidates)

Linda Lee Allport.....	Painesville
Karen Alice Bartlett.....	Columbus
Carolyn Allion Baughman.....	West Unity
Beverly Lee Beck.....	Clifton
Joanne McKibben Bowsher.....	Lima
Sheila Margaret Burns.....	Detroit, Mich.
Georgianna Ballard Clark.....	Cincinnati
Virginia Yeoman Dutton.....	Caledonia
Rebecca Evans Fadis.....	Columbus
Mary Frances Frye.....	Gallipolis
Mary Kay Heidorn.....	Marysville
Diane Thomas Hoebler.....	Columbus
Susann Leigh Koning.....	Bucyrus
Jan Lamp.....	Worthington
Terry Lucas Leland.....	Arlington, Va.
Connie Sue Lewis.....	Piqua
Janet Druen Marshall.....	Mentor
Kathleen Marie O'Byrne.....	Evanston, Ill.
Julia Jane Oder.....	North Lewisburg
Rebecca Finlaw Paul.....	South Zanesville
Carole Anne Peterson.....	Toledo
Mary Carter Pond.....	London
Patricia Evelyn Purcell (cum laude).....	Painesville
Barbara Kuntz Robinson.....	Columbus
Anne Taylor.....	Columbus
Virginia Lee Todd.....	Cincinnati
Ann Heslar Tweddle.....	Georgetown

Bachelor of Science in Restaurant Management

(One candidate)

John Sidney Dent.....	Columbus
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College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(Nine candidates)

John Richard Carle, B.S. (Xavier University)	Toledo
David Ross Carman	Addison
Melvin Lee Davis	Wellston
Jerome Barnett Gilreath	Bryan
Thomas Reginald Groff	Dayton
Stuart Jay Kessler	Shaker Heights
Michael Carter Sherwood	Avon Lake
Darrell Thomas Tooker	South Charleston
Kent Mills White, B.S. (Ohio University)	Jackson

College of Education

Dean: *Luvern L. Cunningham*

Bachelor of Science in Education

(Two hundred and sixty-six candidates)

Johanna Abernathy.....	Columbus
Sacha Wilhelm Adams.....	Fairborn
Norma Doneghy Anderson.....	Columbus
Thomas Nelson Applegate.....	Worthington
Sandra Kay Arnold.....	Clarendon, Pa.
Constance Kent Aten.....	Independence
Mary Susan Averill.....	Massillon
Ellis Claybourne Bailey.....	Columbus
Susan Loula Baker.....	Columbus
Dianne Crary Barney (cum laude).....	Westerville
Marylynne Herron Bauder.....	Columbus
Randy Mark Bauer (summa cum laude).....	Cleveland Heights
Terrance Ray Baughman.....	Kenton
Betsy Dunn Becker.....	Brunswick
Lois Jane Bender.....	Bellville
Thomas Robert Berg.....	Dayton
Dennis J. Berryman.....	Grover Hill
Carol Gilson Biggs.....	Columbus
Donald Norman Bigler.....	Cleveland
Barbara Anne Black (cum laude).....	Columbus
Roger Lee Bontrager.....	Wapakoneta
Edward Louis Bowe.....	Bradner
Joan Condon Bowerman.....	Fairview Park
Marilyn Lucille Brenner.....	Canal Winchester
Marilyn Breslow.....	Lincoln, Neb.
Dorothy Averbook Brown (cum laude).....	Columbus
Phyllis Louise Brown.....	Dayton
Guy Anthony Bruno.....	Lima
Donald Carl Burger.....	Columbus
Elizabeth Hicks Burley.....	Columbus
Charles David Butte.....	Columbus
Marcia Lauffer Buxton.....	Columbus
Joan Wilhelm Byers.....	Bryan
Shirley Rasor Celestino.....	Bradford
Carolyn Hoover Cernea.....	Cleveland
Jacque Wolfe Clark.....	Fairborn
Sharon Anne Clark.....	Dayton
Connie Powell Cline.....	Lima
Janet Louise Cline.....	Dedham, Mass.
Robert Lough Conhaim.....	Dayton
Betty Brown Cook (summa cum laude).....	Lima
Donald James Cook, Jr.....	Williamsport
Steven Douglas Craig.....	Mt. Victory
Carolyn Sue Cross.....	Mansfield
Walter Joe Cummins.....	New Bremen
Michael Clyde Daily.....	Toronto
Laura Young DaPore.....	Piqua
Ann Elizabeth Darnbrough.....	Gallipolis
Timothy J. Davis.....	Columbus
Dana Fletcher DeGroot (cum laude).....	Traverse City, Mich.

Peter Patrick Demyan.....Lorain
 Barbara Gleason Dodez.....Akron
 Nancy Stevenson Downs.....Worthington
 Sandra Minarcin Dwyer.....Rossford
 Vickie Day Eaton.....Mt. Vernon
 Jane Pfouts Edwards (summa cum laude).....North Canton
 Mary Louise Barnard Efland.....Columbus
 Jana Lou Elmore.....Shelby
 Deirdre Chrismer Elshire.....Wapakoneta
 Frances Faye English.....Findlay
 Margaret Dailey Evans.....West Union
 William Wayne Faiella.....Columbus
 Robert Thomas Faist.....Perrysburg
 Donna Jeanne Feaster.....Urbancrest
 Ellyn Feren Feldman.....Cleveland
 Sue Schelat Ferbrache.....Marietta
 Bernadette Marie Ferris.....Columbus
 Keith Edward Fillinger.....Columbus
 Mary Paulette Fix (cum laude).....Columbus
 Diana Miller Fox.....Waynesville
 Doris Sarah Frankel.....Cleveland
 Susan Turk Freed.....Euclid
 Linda Joyce Fried.....Cleveland Heights
 Margareta Elizabeth Frisch.....Columbus
 Elizabeth Latham Fry.....Massillon
 Rex Maxwell Fuller.....Columbus
 John Charles Gaeke.....Bucyrus
 Sandra Jean Gannon.....Cleveland
 Martha Elizabeth Garvin.....Columbus
 Yvonne Kay Giauque.....Millersburg
 Donna Marie Gilmore.....Columbus
 Grace Gerard Gintling.....Columbus
 Margaret Louise Godbey.....Columbus
 Barbara Sue Gray (cum laude).....Shaker Heights
 Adrienne Paula Gross.....Massapequa, N. Y.
 Madeleine Guggenaster.....Columbus
 Pauline Baloy Haring.....Mansfield
 George Cockett Harkness.....Roosevelt, N. Y.
 Marcia Ann Harman.....Worthington
 Magda Poutakoglou Harrison.....Mansfield
 Georgetta Hartman.....Bryan
 Pamela Lynn Harvey.....Clarksville
 Diana Detrick Heath.....Cridersville
 Jacqueline Heath.....Mentor
 Susan Beth Hedger.....Lima
 Marlinda Sue Herron.....Alliance
 William B. Hetrick, Jr.....Columbus
 Thelma Kirk Highfield.....Columbus
 Bettina Claire Hill.....Grand River
 Linda Joanne Hillis.....Columbus
 William Floyd Hinkle.....Seven Hills
 Bonnie Devish Hircock.....Columbus
 John Joseph Hoffman.....Columbus
 Robert Louis Holder.....Canton
 Carolyn Sue Hook.....Steubenville
 James Dennis Horn.....Galion

Kathy Lynn Horner.....	Cincinnati
Joan Ellen Horwitz (cum laude).....	Dayton
Linda Jean Howe.....	Columbus
Connie Martin Howland.....	Union
Dennis Glenn Howman.....	Wooster
Theodore Langhans Hubbard.....	Columbus
Patricia Bradley Hussey.....	Columbus
Laverne Ingram.....	Shelby
Donna Lehman Isroff.....	Miami, Fla.
Joanne Eleonore Jacobs.....	Columbus
Sandra Sue Johnson.....	Columbus
Anita Darline Cook Jonason (summa cum laude).....	Amarillo, Tex.
Carren Chaney Jones.....	Wilmington
Laura Lewis Jones.....	Columbus
Linda Marrs Jones.....	Columbus
David Lee Katterhenrich.....	Bucyrus
Charles D. Kellar.....	Columbus
Jean Lois Kessler.....	University Heights
Susan Ray Kibbey.....	Columbus
David Walter Kimball.....	Columbus
Mary Kathryn King.....	Coshocton
Edwin Alan Kitchen.....	Lancaster
Frederick Louis Koenig.....	Wapakoneta
Joseph Michael Krann.....	Cleveland
Elaine Olson Kurtz (cum laude).....	Circleville
Alice Lee Lacher.....	Delaware
Nancy Hackney Laughbaum.....	Chatfield
*Kristine K. Lindsey.....	Bryan
Donna Roe Lockert.....	Akron
Sara Elizabeth Warren Long.....	Pataskala
Jean Gable Lucke.....	Delphos
Ronald Edgar Lumm.....	Newark
Sylvia J. Bernardini Lundin.....	Springfield
Mary Jean Lustnauer.....	Columbus
Jane Baxter Malishenko.....	Crestline
Richard Lynn Mann.....	Westerville
Wanda Suladie Mascio.....	Cleveland
Marilyn Nearing Mason.....	Dayton
*Marjorie Ann May.....	Lakewood
Richard DeWayne McClellan.....	Columbus
Eleanor Osburn McClure.....	Dublin
Rebecca Hopper McGilvery.....	East Liverpool
Joseph Theodore McQuaide, B.Cer.E.....	Canton
Judith Schwartz Mellman.....	Columbus
Lawrence Edmund Mertens.....	Cincinnati
Richard John Miletic.....	Mt. Vernon
Christine Foltz Miller.....	Wapakoneta
Laurel Smucker Miller.....	Archbold
Marcella Harden Millikin.....	Mansfield
Audry Perkins Minshev, B.S. in Nursing (Northwestern University)	Columbus
Patricia Ann Mitchell.....	Columbus
Thomas Leigh Mooney.....	Shaker Heights
Harold William Morrison, B.A.....	Canton
Harry James Mulholand, Jr.....	Columbus

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

Suzanne Miller Murr.....	Dayton
Kathleen Sue Neaman.....	Worthington
Pamela Joy Nickel.....	Milford
William Chalmers Nickell.....	North Canton
Richard Dean Niece.....	Kent
James Ray Oakes.....	Coshocton
Gloria Beth Olson.....	Venetia, Pa.
Cheryl Bartos Orebaugh (summa cum laude).....	Euclid
Lee Esther Owings.....	Mansfield
Renee Tamler Palnik.....	Cleveland
Frances Ann Pandolfo.....	Columbus
Jon Minor Pauff.....	Lima
Bette Weinstein Pereira.....	Massapequa, N. Y.
Richard Lee Pereira.....	Diamond
Edward James Pfeifer.....	Amherst
Tom M. Pitney.....	McComb
Suzanne Joy Plotkins.....	Pittsburgh, Pa.
Ellene Grimmett Plymale.....	Hilliard
Andre Curtis Powell.....	Columbus
Elizabeth Jewell Quinn.....	Willoughby
Fredda Merle Rakusin.....	Akron
Jerome Thomas Rampelt.....	Parma
Grace Christine Ransom.....	Mt. Vernon
Karen Esther Rasor.....	Troy
Emma E. Reed.....	Dexter City
*Janet Rose Regula (cum laude).....	Bedford
Susan Lee Reicheldorfer.....	Circleville
Bronwynn Ruth Rieppel.....	Worthington
Edward Benjamin Riley.....	Columbus
Beverly Kerns Rinehart (summa cum laude).....	Piqua
Sandra Moore Risdon.....	Columbus
Carolyn Ann Roberts.....	Cleveland
George Lewis Rogers (cum laude).....	Hilliard
Carol Sue Rowe.....	Archbold
Joyce Dorothy Ruedebusch.....	New Bremen
John Frederick Salisbury.....	New Vienna
Thomas Alden Savon.....	Bay Village
John Edward Schmidlapp.....	Piqua
Michael Eugene Schoonover.....	Columbus
Elaine Lynn Schwartz.....	Cincinnati
Joyce Hommon Scofield.....	Amlin
Sharon Banbury Shoaf.....	Columbus
Elizabeth Mary Shough.....	Bryan
Sandra Lee Dahling Simpson.....	Dayton
Cynthia Jean Sirk.....	Chicago, Ill.
Pamela Karen Skinner.....	Delaware
Richard Lee Slack.....	Marion
David Lee Slager.....	Laurelville
Franklin Elwood Slagle.....	London
Marilyn Ann Smith.....	Columbus
Sharyn Waldo Smith.....	Ironton
Virginia Louise Smith.....	LaFayette
Karen Frey Snouffer.....	Worthington
Diane Lynne Spevack.....	University Heights
Marcia Joyce Squier.....	Rochester, N. Y.

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

Norma Louise Starr.....Lima
 Alyce Stathakis.....Albertson, N. Y.
 Sandra Small Stewart.....Columbus
 Joyce Ann Store.....Columbus
 Susan Carol Strayer.....Sidney
 Cheryl Ann Strobel.....Wintersville
 Judd Wellington Stroud.....Shaker Heights
 Carol Renee Sudman.....Cleveland
 Christina Ann Supp.....Columbus
 Sally Moore Sutton.....Delaware
 Jonathan Leigh Tafel.....Narberth, Pa.
 Elizabeth Ann Tankovich.....Columbus
 Bessie Millar Tedrick.....Pickerington
 Dorothy Jean Tenhundfeld.....Cincinnati
 Leslie Jan Thackara.....Hamilton
 Will Carter Thomas, Jr.....Lima
 Linda Kay Thompson.....Newark
 Dennis Lee Ulrich.....Ridgeway
 Suzanne Irene Vance.....Akron
 Dennis Robert Vauter.....Willoughby
 Marie Annette VonderEmbse.....Lima
 William John Vorlicky.....Bedford
 Sharon Arlene Wagner.....Troy
 Richard Bryan Wallick.....Columbus
 Ronnie Jane Walters.....Babylon, N. Y.
 JoAnne Marie Warren.....Toledo
 Arthur Raymond Weinle.....Cleveland
 Pamela Ann Weisman.....Toledo
 Julie Ann Wentzel.....Columbus
 Joan Hitz White.....Granville
 Thomas Lynn White.....Lima
 John David Whittington.....Lima
 Delbert Lee Williams.....Wellsville
 Janice Marie Williams.....Upper Sandusky
 Judith Ann Williamson.....Irondale
 Linda Lu Wilson.....Columbus
 Mary Mullaney Winter.....East Liberty
 Deborah Huntoon Wiseman.....Mentor
 Linda Sue Wolfe.....Columbus
 Elizabeth Miller Wood.....Lancaster
 Constance Herd Wooddell.....Columbus
 Nancy Scheneman Woodruff.....Akron
 Charles Edgar Workman.....Columbus
 Carolyn Sue Wright.....Columbus
 Linda Lautzenheiser Yaeger.....Louisville
 Eve Anne Yaw.....Columbus
 Janis Kay Younker (cum laude).....Marblehead
 Janice Lee Yug.....Wickliffe
 Robert Wayne Zelch.....Kent
 Sydney Lou Zimmerman.....Lakewood
 Barry James Zwiebel.....St. Marys

College of Engineering

Dean: Harold A. Bolz

Bachelor of Agricultural Engineering

(Two candidates)

Dika Ann Irelan.....Clarksville
Roger Lee Villers.....New Milford

Bachelor of Ceramic Engineering

(Four candidates)

James Allen Browning.....Columbus
William John Dandalides.....Lorain
James Emery Houseman (cum laude).....North Canton
Jack David Sibold.....Lima

Bachelor of Chemical Engineering

(Seven candidates)

Geoffrey Andrew Lindsay.....Columbiana
Paul Richard Michl.....Coshocton
Herbert Alfred Newhouse.....Galion
Dudley Kenneth Reese, Jr.....Canfield
John Michael Salladay (cum laude).....Portsmouth
Douglas Edwin Smith.....Akron
David John Walters.....Lima

Bachelor of Civil Engineering

(One candidate)

Donald Elliot Risser.....West Chester, Pa.

Bachelor of Electrical Engineering

(Three candidates)

Gregory Lon Martin.....Portsmouth
Walter Tobin McCracken (cum laude).....Columbus
James Allen Morris.....Upper Sandusky

Bachelor of Industrial Engineering

(Fourteen candidates)

James Lawson Allen.....Gates Mills
Brian Lewis Belt.....Wadsworth
John Francis Connolly.....Columbus
Thomas Stanley Dupaski.....Columbia Station
Edward Anthony Glebock.....Cleveland
Steven Eugene Gozelanczyk.....Lakewood
Kenneth Neal Harper.....Chillicothe
Kit Lamar Kramer.....Canton
William Robert Leland.....Dayton
William Scott Madsen.....Mentor
Thomas Joseph Shea.....Springfield
Bachir Toubal-Seghir.....Medea, Algeria
Ronald James Vojir.....Seven Hills
John Carl Ward.....Lockport, N. Y.

Bachelor of Mechanical Engineering *(Five candidates)*
 Arthur Newton Horr, III (summa cum laude).....Portsmouth
 Daniel George Maher.....Lakewood
 John Richard Overturf.....West Jefferson
 Michael Philip Schumann.....Chillicothe
 *Donald Alan Simons (summa cum laude).....Columbus

Bachelor of Metallurgical Engineering *(One candidate)*
 Edward Joseph Franz.....Columbus

Bachelor of Science in Physics *(Two candidates)*
 *Ralph William Preston (summa cum laude).....Coshocton
 William Henry Robinette, Jr.....Saint Albans, W. Va.

Bachelor of Welding Engineering *(Two candidates)*
 Richard Lamont Frohlich.....Columbus
 *Barry Lee Shultz.....Waterloo, Ind.

School of Architecture

Bachelor of Architecture *(Two candidates)*
 Charles Jay Bornheim.....Columbus
 Peter Geza Homorody.....Columbus

Bachelor of Science in Architecture *(One candidate)*
 William Franklyn Motts.....Northfield

Bachelor of Landscape Architecture *(One candidate)*
 Roger Dale Hubbell.....Pataskala
 * Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(Four candidates)

Robert Knight Anzinger, B.S. (University of Notre Dame) Springfield
Robert Henry Broomall, B.Sc. Salem
Alan Bunin, B.S. (Union College) Cleveland Heights
Richard David Gerson, B.S. (University of Wisconsin) Springfield

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Five candidates)

Janet Louise Boyer Toledo
Jane Marie Huttenlocher Huron
Drinda Lee Maxwell Columbus
Linda Jo Ogle Akron
Marjorie Ellen Suchy Willowick

Bachelor of Science in Occupational Therapy

(Twelve candidates)

Sandra Ruth Barnett New Providence, N. J.
Mary Elizabeth Beatty Greenfield
Suzanne Lee Chase Columbus
Anita Ellen Fossie (cum laude) Avon
Mary Virginia Garbesi Adena
Mary Elizabeth Kroeger Norwood
Sally Lee Mohaupt Cuyahoga Falls
Sharon Kay Mahoney Barnesville
MaryLou Nigh Hilliard
Joan Snyder Schafer Port Clinton
Ronda Kay Sherer Worthington
Jeanne Stull Stancel Chagrin Falls

Bachelor of Science in Physical Therapy

(Two candidates)

Timothy Keith Hemmer Avon
Carol Ann Rice Huntington, W. Va.

Certificate of Graduate Physical Therapist

(Three candidates)

Robert Lloyd Endres, B.Sc. in Edu. Columbus
Patrick John Mahoney, B.S. (University of Toledo) Toledo
Ann Sue Rammler, B.S. (Lakeland College) Kettering

School of Nursing

Bachelor of Science in Nursing

(Twenty-three candidates)

Marjorie Lynn Armbrust.....	Washington C. H.
Catherine Ann Baker.....	Ashtabula
Beth Marie Buckles.....	South Point
Carol Marie Conrad.....	Columbus
Carol Marie Coppins.....	Columbus
Kathleen Landshof English.....	Canton
Susan Loretta Grogan.....	Columbus
Jo Anne Paisley Jacobson.....	Washington C. H.
Sandra Jean Kee.....	Pittsburgh, Pa.
David Stanley Kulow.....	Hubbard
Mary Jo Lyons.....	Rocky River
Sylvia Erickson Marcum.....	Painesville
Jean Andrea Matthey.....	Huron
Janice Lou Nausner.....	Willowick
Rosemary Patrick.....	Cleveland Heights
Linda Jane Quass.....	Canton
Margaret Lynn Schriver (cum laude).....	Reno
Lois Ann Smith.....	Columbus
Sharon Winkler Soliday.....	Willshire
Joyce Marie Tyler.....	Highland Heights
Nicki Lynn Voich.....	Hopedale
Stevelyn Kondrewych Williams.....	Burton
Linda Sonnhalter Wooton.....	Mogadore

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, September 12, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, September 12, 1968, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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September 12, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Renaming of Buildings

With the concurrence of the President's Cabinet, President Fawcett recommended that the following two buildings be renamed as indicated below:

1. The building located at 190 West 19th Avenue now identified as the Industrial Engineering Building be renamed the "Welding Engineering Laboratories." Dean Harold A. Bolz of the College of Engineering reports that the Department of Welding Engineering will occupy 85 percent of the building and that the Department of Welding Engineering is most anxious to have its name identified with this building. The Welding Engineering curriculum has world-wide recognition and is now in the tenth year of full accreditation by the Engineers Council for Professional Development.
2. The building located at 174 East 18th Avenue be named the "Alpheus Smith Laboratory of Physics" rather than the "A. W. Smith Laboratory of Physics." The Department of Physics has reported that the use of "A. W. Smith" presents some ambiguity, since there have been two other widely known physicists, contemporaries of Alpheus Smith, to whom this designation might apply: Professor Alva W. Smith of The Ohio State University and Professor Arthur W. Smith of the University of Michigan. Additionally, on this campus Dean Smith for whom the building was named was known as "Alpheus Smith" rather than "A. W. Smith."

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

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

B. Transfer of University Funds Held as "Irreducible Debt of the State of Ohio" to the University Investment Portfolio

On August 29, 1968, the Auditor of State transmitted to the University a check in the amount of \$4,764,460.28, closing out the Irreducible Debt of the State of Ohio, pursuant to constitutional changes voted by the people of Ohio on May 7, 1968, and parallel Federal Legislation (Public Law 90-304) passed by the Congress of the United States on May 13, 1968.

September 12, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Transfer of University Funds Held as "Irreducible Debt of the State of Ohio" to the University Investment Portfolio (continued)

These funds represented the original Land-Grant Endowment of \$524,176.50, the Virginia Military Lands Endowment in the amount of \$228,329.00 and the Henry Folsom Page bequest in the amount of \$217,494.50 for a total of \$970,000.00 of general endowment. Gifts and grants, numbering 251 separate accounts received by the University through the intervening years, made up the balance of funds thus received.

President Fawcett recommended therefore that the monies formerly deposited in the Irreducible Debt of the State of Ohio be added to the University's Investment Portfolio and invested in accordance with the rules and regulations established by the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the recommendation that the monies formerly deposited in the Irreducible Debt of the State of Ohio be added to the University's Investment Portfolio by unanimous roll call vote.

C. Change of Trustee, The Ohio Legal Center

Dean Ivan C. Rutledge and Professors Robert J. Nordstrom and Ervin H. Pollack are currently serving as Trustees of The Ohio Legal Center representing The Ohio State University until such time as "they resign or their successors are designated by this Board." The Code of Corporate Regulations of The Ohio Legal Center stipulates that the Trustees representing The Ohio State University must be the Dean and two members of the faculty of the College of Law.

Since Professor Robert Nordstrom will be on leave during the academic year 1968-69 to teach at Duke University, he will be unable to continue his service as a Trustee.

Therefore, President Fawcett recommended that Professor Leo J. Raskind be designated a Trustee of The Ohio Legal Center to succeed Professor Nordstrom, effective immediately.

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

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II. PERSONNEL CHANGES

Mr. Bricker, Chairman of the Board of Trustees, reported the confirmation of the receipt of a letter of resignation from the Secretary of the Board, Mr. John T. Mount, and stated that in accordance with the commitment made to Mr. Mount at the time of his appointment as Vice President for Student Affairs at The Ohio State University, the Board has accepted with sincere regret Mr. Mount's resignation and directed that the letter be inscribed upon the minutes of this meeting.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

Mr. Bricker stated further, on behalf of the Board of Trustees, that in accepting the resignation it is understood that Mr. Mount in his role as Vice President for Student Affairs will continue to meet with the Board and be closely associated with the Board of Trustees in carrying out his new responsibilities. In conclusion, Mr. Bricker expressed deep appreciation for the excellent manner in which Mr. Mount has served since the death of the long time Secretary of the Board, Mr. Steeb, in the spring of 1958.

C
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P
Y

September 11, 1968

The Honorable John W. Bricker
Chairman of the Board of Trustees
100 East Broad Street
Columbus, Ohio 43215

Dear Senator Bricker:

This letter is written to confirm my desire to devote my full, professional attention and energy to the significantly increased volume of responsibilities growing out of the demands to effectively execute the position of Vice President for Student Affairs as defined by President Fawcett and approved by the Board of Trustees at its July 11, 1968, meeting. I am confident that the Board of Trustees will agree that it is no small task to achieve the objectives of (1) developing sound and effective policies and programs which reflect the true needs and interests of the more than 44,000 students; (2) achieving rapid and definitive communication with students, faculty, administrators, alumni, and parents in these crucial days of student unrest; and (3) providing for sound and responsible management of the fiscal and human resources of the nine administrative areas reporting through the Office of the Vice President for Student Affairs, including twenty-seven residence halls for more than 12,000 students.

Therefore, in view of the magnitude of the above-described administrative responsibility, I believe it to be in the best interest of the University that I be relieved of the office Secretary of the Board of Trustees, effective whenever the Board of Trustees and the President are agreed upon a successor.

The experience of serving The Ohio State University since May 9, 1958, as the custodian of and responsibility for the official books and records of the University has been a rewarding experience indeed. You will recall that it was in the early days of my tenure as Secretary of the Board of Trustees that the publication which includes the Bylaws of the Board and the Rules for the University Faculty was recodified. This project among many others initiated through the leadership of President Fawcett has drawn nationwide attention to the work of the governing board of Ohio State.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

The Honorable John W. Bricker
Page 2
September 11, 1968

The opportunity for the personal association with the dedicated members of the Board who have served during this past decade has been enriching and pleasant. For all of this, I am grateful.

Your favorable consideration of this request carries with it the commitment on my part to assist my successor in all appropriate ways as he may request.

Sincerely,

John T. Mount

JTM:sm

cc: President Novice G. Fawcett
Members of the Board of Trustees

* * *

President Fawcett then recommended that all personnel changes since the July 11, 1968 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, Promotions and Changes in Title and Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Appointments

Edward Q. Moulton, Executive Assistant to the President and Secretary of the Board of Trustees, effective November 1, 1968, at a salary of \$20,568.00 (Executive Assistant to the President) and \$6,480.00 (Secretary of the Board of Trustees) for a combined salary of \$27,048.00 per annum. Dr. Moulton will also serve as a member of and Secretary of the Cabinet and Administrative Council.

Theodore B. Myers, Professor of Biology, Marion Campus of The Ohio State University, effective October 1, 1968, at a salary of \$12,168.00 per annum.

Campbell Laird, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective October 1, 1968 through June 30, 1969, at a salary of \$18,000.00 for the period.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions and Changes in Title and Administrative Responsibilities

G. Robert Holsinger from Executive Assistant to the President to the position of Assistant Vice President for Instruction in the Office of Academic Affairs, effective November 1, 1968. Dr. Holsinger will continue to serve as Secretary of the University Faculty and of the Faculty Council and will relinquish his assignments as Secretary of the Cabinet and of the Administrative Council and his membership on both bodies. No salary change is involved in this transfer of assignments.

Kenneth L. Bader, promoted from Assistant Dean in the College of Agriculture and Home Economics to Associate Dean of Students in the Office of Student Affairs, effective October 1, 1968, at a salary of \$17,328.00 per annum.

Madison H. Scott, title changed to Assistant Director of Personnel and Equal Employment Opportunity Officer in the Office of Business and Finance, effective September 1, 1968, at a salary of \$11,868.00 per annum.

President Fawcett stated that "Pursuant to my letter of August 17, 1968, the following promotions and changes in assignment and titles of administrative personnel in the Office of Student Affairs are recommended for ratification":

Ronald B. Thompson, changed from Executive Dean for Admissions and Registrations to Executive Dean for Student Statistical Services, effective September 1, 1968, at a salary of \$21,732.00 per annum. (Salary unchanged)

Ruth H. Weimer, promoted from Associate Dean for Student Relations, Programs and Activities, to Dean of Students, effective September 1, 1968, at a salary of \$17,208.00 per annum.

Milton W. Overholt, changed from Associate Dean for Housing to Director of Housing, effective September 1, 1968, at a salary of \$16,368.00 per annum. (Salary unchanged)

Charles R. Gambs, Jr., promoted from Associate Dean for Discipline Coordination in the Office of Student Relations to Executive Assistant to the Vice President for Student Affairs, effective September 1, 1968, at a salary of \$18,168.00 per annum. (Salary unchanged)

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

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:

Virginia M. Evans, Instructor (Assistant State Leader, 4-H), effective October 1, 1968 through February 15, 1969, to participate in a program of professional improvement at The Ohio State University.

William C. Kleman, Instructor (County Extension Agent, Agriculture), Crawford County, effective October 1, 1968 through December 15, 1968, 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, 1968 through December 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Ely E. Bell, Professor, Department of Physics, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Freiberg, Germany.

John P. Hirth, Professor, Department of Metallurgical Engineering, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at Stanford University.

F. Joe Crosswhite, Associate Professor, College of Education, effective October 1, 1968 through September 30, 1969, to accept a National Postdoctoral Fellowship in Educational Research awarded by the U. S. Office of Education.

Edward W. Hewlett, Associate Professor, School of Art, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at Ohio Wesleyan University.

Harry H. Chandler, Assistant Professor, College of Dentistry, effective October 1, 1968 through September 30, 1969, to accept a position as Research Associate at the National Bureau of Standards - Dental Division, Washington, D. C.

John A. Shaddock, Assistant Professor, Department of Veterinary Pathology, effective July 1, 1968 through August 31, 1968, to continue study in Europe.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Virginia M. Evans, Instructor (Assistant State Leader, 4-H), Cooperative Extension Service, effective February 16, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

Judith Graves, Instructor, School of Nursing, effective July 1, 1968 through September 22, 1968, for personal reasons.

Georgia Gwinner, Instructor, Department of Medicine, effective July 1, 1968 through March 31, 1969, for personal reasons.

Delma C. McCourt, Instructor (County Extension Agent, Home Economics), Jefferson County, Cooperative Extension Service, effective September 1, 1968 through September 30, 1968, for personal reasons.

E. Emeritus Titles

Mildred E. Newton, School of Nursing, with the title Professor Emeritus, effective August 1, 1968.

Joseph B. Polivka, College of Biological Sciences, with the title Professor Emeritus, effective July 1, 1968.

Wilbur B. Wood, Cooperative Extension Service and Department of Agricultural Education, with the title Professor Emeritus, effective August 1, 1968.

Charles H. Benner, School of Music, with the title Associate Professor Emeritus, effective September 1, 1968.

Floyd J. Ruble, Department of Agricultural Education, with the title Assistant Professor Emeritus, effective September 1, 1968.

John D. Strausbaugh, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective October 1, 1968.

Olive W. Parrish, Cooperative Extension Service, with the title Instructor Emeritus, effective October 1, 1968.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Howard R. Mitchell, Sr., Department of Pediatrics,
with the title Clinical Instructor Emeritus, effective
July 1, 1968.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Appointments, Promotions and Changes in Title and Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the 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. GENERAL CONTRACTS AND AGREEMENTS

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

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 research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #17 - Department of Speech).
Gross Value - \$19,204.00.
- a2. Department of Health, Education and Welfare, Public Health Service, Office of Community Health Planning, Washington, D. C., Cytotechnology Training Program (to be known as Office of Community Health Planning Project No. 1154-H - Ext. #8 - Department of Pathology).
Gross Value - \$29,000.00.
- a3. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Federal Water Pollution Control Administration Project No. 1442-F - Ext. #7 - Department of Chemical Engineering).
Gross Value - \$24,934.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Phytochemistry of Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497-E - Sup. #1 - College of Pharmacy).
Gross Value - \$1,320.00.
- a5. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Language Retraining for Aphasics (to be known as Vocational Rehabilitation Administration Project No. 1630-D - Ext. #6 - Department of Speech).
Gross Value - \$7,447.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Health Services and Mental Health Administration, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779-C - Sup. #1 - Department of Psychology).
Gross Value - \$8,834.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Chemistry, Metabolism and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842-D - Ext. #4 - Department of Psychiatry).
Gross Value - \$28,180.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873-D - Ext. #4 - College of Biological Sciences).
Gross Value - \$24,108.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881-D - Ext. #4 - College of Optometry).
Gross Value - \$10,487.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a10. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Deflection Analysis of Fibrous Composite Materials Under External Loading (to be known as Systems Engineering Group, Research and Technology Division Project No. 2132 - C. O. #5 - Department of Engineering Mechanics).
Gross Value - \$10,994.00.
- a11. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry Into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - C. O. #5 - Department of Electrical Engineering).
Gross Value - \$19,997.00.
- a12. Department of Health, Education and Welfare, Public Health Service, Office of Comprehensive Health Planning, Bethesda, Maryland, Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Office of Comprehensive Health Planning Project No. 2224-B - Ext. #2 - Department of Pathology).
Gross Value - \$99,319.00.
- a13. Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Office of Education Project No. 2228 - Amend. #2 - College of Education).
Gross Value - \$71,000.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Lipid Metabolism in the Human Placenta (to be known as National Institutes of Health Project No. 2254-B - Ext. #2 - Department of Pediatrics).
Gross Value - \$19,270.00.
- a15. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., Neutron Activation Analyses to Determine Natal Areas of North American Waterfowl (to be known as Bureau of Sport Fisheries and Wildlife Project No. 2266 - Amend. #3 - College of Biological Sciences).
Gross Value - \$8,145.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Intestinal Absorption of Iron (to be known as National Institutes of Health Project No. 2287-B - Ext. #2 - Department of Medicine).
Gross Value - \$14,043.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Mucosal Effects of Gastric and Intestinal Resection (to be known as National Institutes of Health Project No. 2288-A - Sup. #1 - Department of Surgery).
Gross Value - \$2,056.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2301 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310-B - Ext. #2 - Department of Pharmacology).
Gross Value - \$13,799.00.
- a20. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Theoretical and Experimental Studies in Polarization and Applications to Radio Astronomy and Space Physics (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2332 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a21. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Air Force Systems Command Project No. 2414 - Amend. #6 - Research Foundation).
Gross Value - \$1,000.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a22. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Air Force Systems Command Project No. 2414 - Amend. #7 - Research Foundation). Gross Value - \$119,742.00.
- a23. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #6 - Research Foundation). Gross Value - \$95,222.00.
- a24. Department of Health, Education and Welfare, Public Health Service, Health Services, Bethesda, Maryland, Self Medication and Community Health (to be known as Health Services Project No. 2448-A - Ext. #1 - College of Pharmacy). Gross Value - \$48,314.00.
- a25. U. S. Army Mobility Equipment Research and Development Center, Fort Belvoir, Virginia, Establishment of an Ideal World Geodetic System (to be known as U. S. Army Mobility Equipment Research and Development Center Project No. 2501 - Mod. #1 - Department of Geodetic Science). Gross Value - \$11,982.00.
- a26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Neural Coding in the Marsupial Visual Pathways (to be known as National Institutes of Health Project No. 2510-A - Ext. #1 - College of Optometry). Gross Value - \$23,523.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as National Institutes of Health Project No. 2512-A - Ext. #1 - Department of Anatomy). Gross Value - \$11,543.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a28. National Aeronautics and Space Administration, Washington, D. C. , Data Analysis of Geodetic Satellite Program (to be known as National Aeronautics and Space Administration Project No. 2514 - Amend. #1 - Department of Geodetic Science).
Gross Value - \$34,700.00.
- a29. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (to be known as Aeronautical Systems Division Project No. 2584 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$27,000.00.
- a30. Department of the 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 Air Force Institute of Technology Project No. 2638 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$900,000.00.
- a31. Department of Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule, AFIT, Civil Engineering School (to be known as Air Force Institute of Technology Project No. 2638-A - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$25,000.00.
- a32. U. S. Army, Defense Supply Service, Washington, D. C. , Cytological Studies (to be known as U. S. Army, Defense Supply Service, Project No. 2645 - New - Department of Pathology).
Gross Value - \$286,428.00.
- a33. National Aeronautics and Space Administration, Washington, D. C. , Critical Analysis and Review of State-of-the-Art in Space Medicine (to be known as National Aeronautics and Space Administration Project No. 2655 - New - Department of Preventive Medicine).
Gross Value - \$174,411.00.
- a34. National Science Foundation, Washington, D. C. , Integral Extension of Isometrics Over Local Fields (to be known as National Science Foundation Project No. 2656 - New - Department of Mathematics).
Gross Value - \$8,400.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a35. National Science Foundation, Washington, D. C., Boundary Behavior of Power Series (to be known as National Science Foundation Project No. 2657 - New - Department of Mathematics). Gross Value - \$26,600.00.
- a36. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Study of the Effects of Hyperoxia on the Erythron (to be known as National Aeronautics and Space Administration Project No. 2658 - New - Department of Medicine). Gross Value - \$32,000.00.
- a37. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Production of 100 Liters of Horse Anti-Human Anti-Lymphocyte Serum (to be known as National Institutes of Health Project No. 2660 - New - Department of Surgery). Gross Value - \$15,696.00.
- a38. Agency for International Development, Washington, D. C., Analysis of Capital Formation and Utilization in Less Developed Countries (to be known as Agency for International Development Project No. 2661 - New - Department of Agricultural Economics and Rural Sociology). Gross Value - \$97,790.00.
- a39. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Induction of Tolerance in the Adult Mouse and Dog (to be known as National Institutes of Health Project No. 2662 - New - Department of Surgery). Gross Value - \$25,110.00.
- a40. National Science Foundation, Washington, D. C., On-Line Computer Equipment for the Van de Graaff Accelerator Laboratory (to be known as National Science Foundation Project No. 2663 - New - Department of Physics). Gross Value - \$80,600.00.
- a41. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pulmonary Physiology in Infection With Mycoplasmas (to be known as National Institutes of Health Project No. 2664 - New - Department of Medical Microbiology). Gross Value - \$30,570.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a42. National Science Foundation, Washington, D. C., Transition Probabilities and Other Parameters for Atoms and Molecules of Astrophysical Interest (to be known as National Science Foundation Project No. 2665 - New - Department of Astronomy). Gross Value - \$76,300.00.
- a43. National Science Foundation, Washington, D. C., Classification of Lie Algebras of Types E_6 and E_7 (to be known as National Science Foundation Project No. 2666 - New - Department of Mathematics). Gross Value - \$10,000.00.
- a44. National Science Foundation, Washington, D. C., Geology of the Beardmore Glacier Area, Antarctica (to be known as National Science Foundation Project No. 2667 - New - Institute of Polar Studies). Gross Value - \$19,200.00.
- a45. National Science Foundation, Washington, D. C., Uncomplemented Subspaces of Branch Spaces (to be known as National Science Foundation Project No. 2668 - New - Department of Mathematics). Gross Value - \$9,800.00.
- a46. National Science Foundation, Washington, D. C., Botanical Survey of the Marie Byrd Land (to be known as National Science Foundation Project No. 2669 - New - Institute of Polar Studies). Gross Value - \$17,900.00.
- a47. 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 National Institutes of Health Project No. 2670 - New - Department of Psychiatry). Gross Value - \$23,763.00.
- a48. National Science Foundation, Washington, D. C., Computer Science Laboratory for Research and Education (to be known as National Science Foundation Project No. 2671 - New - Department of Computer and Information Science). Gross Value - \$253,500.00.
- a49. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Benefits-to-Risks Ratio in Drug Choice by Physicians (to be known as Social Security Administration Project No. 2672 - New - College of Pharmacy). Gross Value - \$26,876.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a50. 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 Crisis (to be known as Health Services and Mental Health Administration Project No. 2673 - New - Department of Sociology).
Gross Value - \$83,496.00.
- a51. United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Massive Blowing Effects on Turbine Blade Cooling (to be known as Air Force Systems Command Project No. 2674 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.
- a52. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, The Role of Bile in Hepatic Regeneration (to be known as National Institutes of Health Project No. 2675 - New - Department of Surgery).
Gross Value - \$13,829.00.
- a53. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychodynamic and Cognitive Determinants of Humor (to be known as Health Services and Mental Health Administration Project No. 2676 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a54. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Prepare Educational Specialists for the Health Professions (to be known as National Institutes of Health Project No. 2678 - New - Department of Medicine).
Gross Value - \$156,315.00.
- a55. National Aeronautics and Space Administration, Washington, D. C., Electron Beam Pumped Laser Action in Selenium and Tellurium With Applications for Tunable Backward Parametric Oscillations (to be known as National Aeronautics and Space Administration Project No. 2679 - New - Department of Electrical Engineering).
Gross Value - \$35,000.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

a56. National Science Foundation, Washington, D. C., Synthesis of Phosphomannans (to be known as National Science Foundation Project No. 2682 - New - Department of Chemistry).
Gross Value - \$32,000.00.

TOTAL - Government Contracts - Federal \$3,310,947.00

2. Government Contract - State

a1. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052-C - Ext. #3 - Department of Pediatrics).
Gross Value - \$54,000.00.

3. Industrial and Other Contracts

a1. Alloy Casting Institute, New York, New York, Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #20 - Department of Metallurgical Engineering).
Gross Value - \$24,000.00.

a2. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as the Regents of the University of Wisconsin Project No. 1395 - Check No. C519741 - Department of Surgery).
Gross Value - \$226.50.

a3. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as the Regents of the University of Wisconsin Project No. 1395 - Check No. C531873 - Department of Surgery).
Gross Value - \$1,214.42.

a4. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check No. C532967 - Department of Surgery).
Gross Value - \$352.00.

a5. National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as National Foundation - March of Dimes Project No. 2054-3 - Ext. #3 and Project No. 2054-3A - Department of Pediatrics).
Gross Value - \$32,140.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts (continued)

- a6. Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Caries (to be known as Procter & Gamble Co. Project No. 2065 - Sup. #1 - College of Dentistry).
Gross Value - \$8,000.00.
- a7. Marine Colloids, Inc., Springfield, New Jersey, Investigation in the Fields of Polysaccharides (to be known as Marine Colloids, Inc. Project No. 2236 - Ext. #2 - Department of Dairy Technology).
Gross Value - \$4,969.00.
- a8. A. H. Robins Company, Inc., Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Company, Inc. Project No. 2327 - Ext. #2 - College of Pharmacy).
Gross Value - \$9,794.00.
- a9. Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts, Integrated Cross-Section Calculations and Scattering by Specific Wire Shapes (to be known as Massachusetts Institute of Technology Project No. 2409 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$37,854.00.
- a10. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc. Project No. 2420 - Amend. #4 - School of Art).
Gross Value - \$37,574.00.
- a11. Battelle Memorial Institute, Columbus Ohio, (Subcontract under AEC prime contract), Geomorphology and Pedology of Amchitka Island, Alaska (to be known as Battelle Memorial Institute Project No. 2508-A - Sup. #3 - Institute of Polar Studies).
Gross Value - \$10,020.00.
- a12. Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, Symptomatic and Asymptomatic Pulmonary Emphysema, Correlation of Radiological Findings With Pulmonary Functions (to be known as Tuberculosis Society of Columbus and Franklin County Project No. 2677 - New - Department of Radiology).
Gross Value - \$1,950.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts (continued)

- a13. Northwestern Ohio Heart Association, Inc., Toledo, Ohio, Ultrastructure of Cardiac Conduction System in Anoxia and Ischemia (to be known as Northwestern Ohio Heart Association, Inc., Project No. 2680 - New - Department of Pathology). Gross Value - \$7,497.00.
- a14. Northwestern Ohio Heart Association, Inc., Toledo, Ohio, Regional Blood Flow in Experimental Hypertension (to be known as Northwestern Ohio Heart Association, Inc., Project No. 2681 - New - Department of Surgery). Gross Value - \$4,564.22.

TOTAL - Industrial and Other Contracts \$180,155.14

The foregoing seventy-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$3,545,102.14.

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

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

During the period from June 26, 1968 through August 21, 1968, 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 record:

1. Government Research Contracts

- EES 300X Durability Characteristics of Asphaltic Materials, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$42,000.00.
- EES 317X Establishment of New Towns as a Response to the Problems and Potential of the City of Columbus, Ohio, City of Columbus, Department of Development, Columbus, Ohio.
Gross Value - \$4,663.00.
- W 3XX Water Resources Center Area Account, U. S. Department of Interior, Washington, D. C.
Gross Value - \$25,684.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Research Contracts (continued)

W 123 A System Analysis of the Western Basin of Lake Erie,
Office of Water Resources Research, U. S. Department
of Interior, Washington, D. C.
Gross Value - \$30,000.00.

TOTAL - Government Research Contracts \$102,347.00

2. Industrial Research Contracts

EES 318 Investigation of Vibrational Effects on Thixotropic
Casting, Charles Taylor Sons Company, Cincinnati,
Ohio.
Gross Value - \$5,000.00.

EES 319 Fretting Fatigue Studies of Aircraft Bearing Materials,
The Brush Beryllium Co., Cleveland, Ohio.
Gross Value - \$5,000.00.

SC 77 Water and Wastewater Plant Operators Training Program,
The Operator Training Committee of Ohio, Mahoning Valley
Sanitary District, Youngstown, Ohio.
Gross Value - \$22,015.00.

TOTAL - Industrial Research Contracts \$32,015.00

The foregoing seven contracts for research in the Engineering Experiment Station represent a gross income of \$134,362.00.

C. Memorandum of Agreement Between the Department of Health of the State of Ohio and the Area of Speech and Hearing Science, Department of Speech, The Ohio State University

It was recommended that the President be authorized to sign an agreement between the Department of Health of the State of Ohio and the Area of Speech and Hearing Science of the Department of Speech of The Ohio State University. The agreement provides that the Department of Health of the State of Ohio has committed to the Area of Speech and Hearing Science of The Ohio State University's Department of Speech the amount of \$52,497.00 for the fiscal year 1968-69 to support speech, hearing and language services to children of Ohio.

September 12, 1968 meeting, Board of Trustees:

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement Between the Department of Health of the State of Ohio and the Area of Speech and Hearing Science, Department of Speech, The Ohio State University (continued)

Further, the Memorandum of Agreement represents both a continuation and enlargement of the cooperative efforts between the Department of Health of the State of Ohio and Department of Speech of The Ohio State University.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 11, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$1,031,477.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for the Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 G02 RM 00022-02)
2. \$383,243.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, 226 W. Jackson Blvd., Chicago, Illinois 60606, to the University for construction of the dramatic arts portion of the River Union Drama Facility. This grant is made under Title I of the Higher Education Facilities Act. (Grant No. 4-5-00404-0)
3. \$228,734.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, 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, 1968 through August 31, 1969. (VRA Grant No. 151-T-69)
4. \$129,034.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program," under the direction of the School of Nursing, for the period September 1, 1968 through August 31, 1969. (Grant No. NT 29-C12)

IV. GRANTS AND GIFTS (continued)

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

5. \$75,000.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for the project "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1968 through July 31, 1969. (VRA Grant No. RD-2292-G-69-C2)
6. \$68,617.00 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, 1968 through June 30, 1969. (Grant No. PHT 5-25C-68)
7. \$66,060.00 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 Psychology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH05061-22)
8. \$62,154.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, 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, 1968 through August 31, 1969. (VRA Grant No. 222-T-69)
9. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)
10. \$57,793.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Mental Retardation Training Program - Core Group," under the direction of the Mental Retardation Facility, for the period August 1, 1968 through July 31, 1969. (Grant No. 57978-02-68)
11. \$53,668.00 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, 1968 through June 30, 1969. (Grant No. 2 T01 NB05461-04)

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. \$51,570.00 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, 1968 through June 30, 1969. (Grant No. 5 T01 AM05403-06)
13. \$42,469.00 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, 1968 through June 30, 1969. (Grant No. 2 T01 MH08254-06)
14. \$41,014.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Sociology," under the direction of the Department of Sociology, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 473-T-69)
15. \$39,250.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for a "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, 1968 through June 30, 1969. (Contract No. OEC 0-8-000094-3441)
16. \$35,785.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Child Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 MH11296-01)
17. \$31,990.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, 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, 1968 through August 31, 1969. (VRA Grant No. 209-T-69)
18. \$30,087.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, 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, 1968 through August 31, 1969. (VRA Grant No. 176-T-69)

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

19. \$25,716.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology," under the direction of the Department of Psychology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH06748-11)
20. \$15,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for a "Conference on Evaluation of State Plan Programs for Education of the Handicapped," under the direction of the College of Education, for the period June 20, 1968 through October 30, 1968. (Contract No. OEC-0-8-010019-4420)
21. \$14,094.00 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 Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH10778-02)
22. \$12,094.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Editors Workshop," under the direction of the School of Journalism, for the period September 1, 1968 through August 31, 1969. (Grant No. 2 R13 DH 00129-05)
23. \$11,064.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Nursing Traineeship Grant - Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1968 through June 30, 1969. (Grant No. N-537-69D)
24. \$10,170.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Mental Retardation," under the direction of the Department of Speech, for the period September 1, 1968 through June 30, 1969. (Grant No. 57970-01-68 and Grant No. 57977-01-68)

TOTAL - Administered Through the Office of Business and Finance -
\$2,574,476.00

B. Received Through The Ohio State University Development Fund

1. \$26,550.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
2. \$24,160.78 from the Estate of Fred F. Jaeger, Jr. --\$14,496.48 for the establishment of the Fred F. Jaeger, Jr. Memorial Fund in Medicine and \$9,664.30 for a fund to be established later in the College of Administrative Science.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. Fred F. Jaeger, Jr. Memorial Fund in Medicine

The Fred F. Jaeger, Jr. Memorial Fund in Medicine was established September 12, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the Estate of the late Fred F. Jaeger, Jr., B.Sc. Bus. Adm. '43, formerly of Columbus, Ohio.

This gift is to be invested in the University 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 annually to support education and research in all aspects of cardiac disease, including but not limited to, cardiology therapeutics, surgery and radiology, as determined by the Dean of the College of Medicine.

Should the need for the use of the income 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education and research.

3. \$19,500.00 from Eli Lilly and Company for the Infectious Disease Research Fund.
4. \$15,523.00 from the John and Mary R. Markle Foundation--\$6,000.00 for the Markle Foundation Surgery Research Fund, \$6,000.00 for Investigation of the Mechanism of Hypertension Fund and \$3,523.00 for the John and Mary R. Markle Fund.
5. \$12,000.00 from the Pharmaceutical Manufacturers Association Foundation, Inc., for the PMA Foundation Fellowship Fund.
6. \$10,062.50 from G. D. Searle & Company for the G. D. Searle & Company Research Fund.
7. \$10,000.00 from the Nestle Company, Inc., for the Nestle Graduate Research Fund.
8. \$10,000.00 from the Estate of Elizabeth Schramm for the Parley and Elizabeth Schramm Loan Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$10,000.00 from alumni and friends for the establishment of the Dorothy D. Scott Scholarship Fund.

Dorothy D. Scott Scholarship Fund

The Dorothy D. Scott Scholarship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in honor of Dr. Dorothy D. Scott, B.Sc. in Edu. '26, M.Sc. '29, Columbus, Ohio, upon her retirement as Director of the School of Home Economics and Associate Dean of the College of Agriculture and Home Economics, on April 30, 1968, following thirty-one years of service.

All gifts are to be invested in the University 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 annually to provide one or more scholarships to students in the School of Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or 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 recommendations from the appropriate administrative official of the University who is then directly responsible for Home Economics education.

10. \$9,825.98 from the Galvin Foundation, Lima, Ohio, (in the name of John E. Galvin), to be used for payment of part of the improvement cost of the main entrance highway from Mumaugh Road to the Lima Campus.
11. \$7,243.00 from the National Fund for Medical Education for the National Fund for Medical Education Fund.
12. \$7,000.00 from DARO Fund, Inc., (in the name of Dr. Howard D. Sirak), for the Heart Holding Fund.
13. \$6,010.85 from the Estate of Donald V. Steele, Washington, D. C., as an unrestricted gift to the University.
14. \$6,000.00 from John Deere Foundation for the Center for Vocational and Technical Education.
15. \$6,000.00 from Ohio Lions Eye Research Foundation--\$4,387.00 for the Ohio Lions Eye Research Fund and \$1,613.00 for the Ohio Lions Research Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

16. \$6,000.00 from the Ohio Lions Research Foundation for the Institute for Research in Vision.
17. \$6,000.00 from Rohm and Haas Company--\$5,000.00 for the Pharmaceutical Research Fund and \$1,000.00 for the Department of Chemical Engineering Rohm Company Scholarship.
18. \$5,038.61 from the Estate of Helen C. Kennedy for the T. J. Kennedy Family Fund.
19. \$5,000.00 from The Bremer Foundation, (in the name of Mrs. Marie R. Bremer), for The Bremer Foundation Fund.
20. \$5,000.00 from Eastman Kodak Company for the Eastman Kodak Research Fund for Education.
21. \$5,000.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.
22. \$5,000.00 from Union Carbide Corporation, Linde Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
23. \$4,665.00 from Procter & Gamble Company for the Procter & Gamble Fellowship Fund in Chemical Engineering.
24. \$4,611.05 from The A. A. A. Educational Foundation, Inc., for the A. A. A. Education Foundation Research Fund.
25. \$4,500.00 from Warren-Teed Pharmaceutical, Inc., for the Pharmaceutical Research Fund.
26. \$4,495.00 from International Business Machines for the International Business Machines Fellowship Fund.
27. \$4,400.00 from Dow Chemical Company--\$2,500.00 for the Dow Chemical Company Scholarship and Fellowship Fund - Chemical Engineering, \$1,400.00 for the Dow Chemical Scholarship and Fellowship Fund in Chemistry and \$500.00 for the Business Organization Special Fund.
28. \$4,000.00 from The Edward Orton, Jr. Ceramic Foundation for the John L. Carruthers Fellowship in Ceramic Engineering.
29. \$3,610.00 from American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fellowship Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

30. \$3,500.00 from Joyce Products Company, (in the names of Henry M. O'Neill, Jr. and Henry M. O'Neill, Sr.), for the Student Athlete Grant-in-Aid Fund.
31. \$3,500.00 from the Stauffer Chemical Company Foundation for the Stauffer Chemical Company Chemistry Fellowship.
32. \$3,050.00 from William W. Heimberger for the William W. and Helen Reese Heimberger Fund.
33. \$3,000.00 from Atlantic Richfield Foundation--\$2,000.00 for the Atlantic Richfield Fund for Geology and \$1,000.00 for the Petroleum Engineering Fund.
34. \$3,000.00 from Continental Oil Company for the Continental Oil Company Fellowship in Chemistry.
35. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
36. \$2,985.92 from Columbus Foundation, (in the name of Everett D. Reese), for the Special Reserve Fund.
37. \$2,500.00 from The Kent Foundation, (in the name of Mrs. Ralph E. Kent), for the Presidents Club Special Fund.
38. \$2,500.00 from the Estate of Milton R. Yassenoff, (in the name of Milton R. Yassenoff), for the Leo Yassenoff Scholarship Fund.
39. \$2,430.50 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
40. \$2,262.82 from an anonymous donor for the establishment of the College of Law Award for Academic Excellence.

College of Law Award for Academic Excellence

The College of Law Award for Academic Excellence was established September 12, 1968, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund.

The principal is 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 right to invest and reinvest as occasion dictates.

The income is to be used to defray tuition of certain academic leaders in accordance with plan filed in the Office of The Ohio State University Development Fund.

IV. GRANTS AND GIFTS (continued)

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

40. College of Law Award for Academic Excellence (continued)

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University. It is requested that an appropriate program of awards similar to the plan projected in detail and filed with the Development Fund and the College of Law be instituted, if possible.

41. \$2,029.70 from Joseph L. Bitonte for the Ophthalmologic Center Fund.
42. \$2,000.00 from the William T. Morris Foundation, Inc., for the William T. Morris Foundation Scholarship in Welding Engineering.
43. \$2,000.00 from Henry G. Schmidt for the Ottawa Club Fund.
44. \$1,768.10 from Thomas B. Meek, Sr. for the James Thurber Memorial Fund.
45. \$1,676.00 from Dr. William G. Pace III for the General Surgery Fund - College of Medicine.
46. \$1,500.00 from the Central Ohio Chapter, Inc., The Arthritis Foundation, for the Arthritis Foundation Research Fund in Pharmacy.
47. \$1,500.00 from the Trust under the Will of Mr. and Mrs. Lester Harner for the Mr. and Mrs. Lester Harner Agricultural Education Scholarship Fund.
48. \$1,493.70 from John K. Pfahl for the Elvin F. Donaldson Fund.
49. \$1,400.00 from members of the graduating class of 1968 for the establishment of the 1968 Senior Class Memorial Scholarship Fund.

1968 Senior Class Memorial Scholarship Fund

The 1968 Senior Class Memorial Scholarship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the graduating class of 1968.

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

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

49. 1968 Senior Class Memorial Scholarship Fund (continued)

Income is to be added to principal until such time as the annual income equals the minimum amount required to provide tuition for one student for one academic year. Thereafter, the income is to be used to provide one or more scholarships annually in a value of not less than minimum tuition each for one academic year.

The recipient or recipients of the scholarship (scholarships) will be a child of a member of the Class of 1968, as long as he meets current scholastic and financial criteria as determined by the University Scholarship Committee. If none meets these criteria, the scholarship or scholarships will be given to other worthy applicants selected by 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 and student loans.

50. \$1,265.00 from the Werkman Charitable Trust, (in the name of John D. Werkman), for the John D. Werkman South American Fund.
51. \$1,200.00 from Sears-Roebuck Foundation for the Sears-Roebuck Scholarship - Retailing.
52. \$1,200.00 from the University Grange for the establishment of the University Grange Fellowship Fund.

University Grange Fellowship Fund

The University Grange Fellowship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the University Grange.

All gifts are to be invested in the University 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 annually to provide one or more scholarships or fellowships to students recommended by the Dean of the College of Agriculture and Home Economics and selected by the University Scholarship and Loan Committee.

IV. GRANTS AND GIFTS (continued)

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

52. University Grange Fellowship Fund (continued)

Should the need for these scholarships or fellowships cease to exist or so diminish as to provide unused income, or should the College of Agriculture and 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 recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural and home economics education.

53. \$1,000.00 from John B. Conard for the John B. Conard Fund for Ceramic Engineering.
54. \$1,000.00 from Arthur Klein, D. D. S. --\$500.00 for the Wendell D. and Helen R. Postle Loan Fund and \$500.00 for the Victor L. and Marie M. Steffel Student Loan Fund.
55. \$1,000.00 from Walter E. Heller & Company for the Walter E. Heller Fellowship.
56. \$1,000.00 from Galen F. Oman--\$500.00 for the Michael Peppe - Carl Wirthwein Scholarship Fund and \$500.00 for the Alpha Rho Chi Scholarship Fund.
57. \$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.
58. \$1,000.00 from the A. B. and Ralph Cohen Foundation, (in the name of Mrs. A. B. "Dolly" Cohen), to provide a scholarship for the winner of the "In the Know" television show which appears on a local commercial station.
59. \$1,000.00 from the Wilbur K. Jones Foundation, (in the name of Wilbur K. Jones), for the Wilbur K. Jones Student Aid Fund.
60. \$1,000.00 from Carol S. Kennedy for the Carol S. Kennedy Scholarship Fund.
61. \$1,000.00 from American Chemical Society for the American Chemical Society Fund - Chemistry.

TOTAL - Received Through The Ohio State University Development Fund -
\$306,957.00

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. A Reuel Smith Silver Set from the Estate of the late Edmond R. Sawtell, Pittsburgh, Pennsylvania, for use by the College of Agriculture and Home Economics - School of Natural Resources.
2. An Elgin lathe from Wesley-Jessem Plastic Contact Lens Company for use in the College of Optometry.
3. An antique carved ivory chess set from Mr. Christian Burckel, Bronxville, New York, for the School of Art.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, 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 June, 1968

In June, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,617	\$ 79,587.61
Individuals other than alumni	203	19,935.45
Nonprofit organizations	34	34,545.09
Business concerns	32	65,517.25
	<u>3,886</u>	<u>\$199,585.40</u>

Of these gifts, 2,797 totaling \$25,186.00 were undesignated and 1,089 totaling \$174,399.40 were designated.

2. Month of July, 1968

In July, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,147	\$ 83,011.74
Individuals other than alumni	68	23,689.46
Nonprofit organizations	41	123,769.73
Business concerns	44	66,199.16
	<u>3,300</u>	<u>\$296,670.09</u>

Of these gifts, 2,354 totaling \$23,338.80 were undesignated and 946 totaling \$273,331.29 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Laundry - Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$536,340.00	\$535,090.76	(\$1,249.24)

B. Parking Ramp - Arps Hall Area

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$960,850.00	\$963,656.53	\$2,806.53

C. Upham Hall Remodeling

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 37,515.00	\$ 34,269.00	(\$3,246.00)

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

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VI. PLANS AND SPECIFICATIONS

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

A. Roof Repairs for Administration Building, Derby Hall, Mendenhall Laboratory

This project will provide regular maintenance repairs for these three buildings.

Funds for this project will be provided from Budget Account 124358 Contract Repairs.

B. Improvements to Entranceway - Lima Campus

This project will improve the entrance road to The Ohio State University Lima Campus so as to provide proper drainage and a normal black-top road surface.

VI. PLANS AND SPECIFICATIONS (continued)

B. Improvements to Entranceway - Lima Campus (continued)

Funds for this project will be transferred from the Development Fund Account - Galvin Foundation and Budget Account 149994 Branch Campuses Reserve to Budget Account 801194 Improvements to Entranceway - Lima Campus.

C. McCracken Power Plant - Additional Boiler No. 9

This project provides a 75,000 lbs. per hour, gas-fired boiler, to replace one over-age boiler which must be retired from service and furthers the University's drive to eliminate atmospheric pollution.

Funds for this project will be provided by a transfer from Budget Account 149996 Contingency Reserve to Budget Account 801178 McCracken Power Plant - Additional Boiler No. 9.

D. Laboratory Animal Center

This project provides four separate buildings for housing, breeding and training of animals to serve the various University research programs using laboratory animals.

Funds for this project will be provided from Budget Account 801021 Laboratory Animal Center, Mershon Uncommitted Account, Hospital Reserve and a grant from Health, Education and Welfare Research.

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

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VII. REPORT OF AWARD OF CONTRACTS

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

A. Street Repairs for 1968

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 7-23-68)		
Max J. Zeller (Columbus)	\$ 13,181.00	\$ 17,000.00

Funds for this project are provided from Budget Account 124358 Contract Repair.

September 12, 1968 meeting, Board of Trustees

VII, REPORT OF AWARD OF CONTRACTS (continued)

B. Horticulture and Forestry Building - Partial Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u>		
(2 bids received 7-18-68)		
Smith and Schaefer, Inc. (Cincinnati)		
Base Bid	\$ 64,872.00	\$ 74,000.00
 <u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(2 bids received 8-15-68)		
The Clar-Mar Corp. (Columbus)		
Base Bid	\$ 22,411.00	\$ 26,000.00
 <u>Plumbing Contract</u>		
(3 bids received 8-15-68)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 37,544.00	\$ 44,128.00
Alt. P-1 Copper Piping	356.00	500.00
Total Contract	<u>\$ 37,900.00</u>	<u>\$ 44,628.00</u>
 <u>Electrical Contract</u>		
(5 bids received 8-15-68)		
Jess Howard Electric Co. (Columbus)		
Base Bid	\$ 8,573.00	\$ 15,000.00
<u>Total All Contracts</u>	<u>\$133,756.00</u>	<u>\$159,628.00</u>

Funds for this project have been transferred from General Reserve to Budget Account 801162 Horticulture and Forestry Building - Partial Remodeling.

C. Improvements to Entranceway - Lima Campus

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 8-19-68)		
Degen Excavating Co. (Lima)	\$ 33,027.50	\$ 40,000.00

Funds for this project will be transferred from the Development Fund Account - Galvin Foundation and Budget Account 149994 Branch Campuses Reserve to Budget Account 801194 Improvements to Entranceway - Lima Campus.

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Agricultural Administration Building, Improvements to Heating and Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Air Conditioning</u>		
<u>Contract</u>		
(2 bids received 9-4-68)		
The Kuempel Company (Columbus)	\$ 30,490.00	\$ 32,000.00
 <u>Electrical Contract</u>		
(1 bid received 9-4-68)		
Reco Electric (Columbus)	<u>6,800.00</u>	<u>11,500.00</u>
 <u>Total All Contracts</u>	 <u>\$ 37,290.00</u>	 <u>\$ 43,500.00</u>

Funds for this project have been provided by a transfer from Budget Account 129010 (College of Agriculture Improvements Budget) and Budget Account 921400 (Physical Plant Labor and Materials) to Budget Account 801153 (Construction Account, Agricultural Administration Building - Improvements to Heating and Air Conditioning).

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

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 1 Approves the request for three extra orders to contractors for additional cost incurred as a result of the delay in receipt of the Federal Grant and the transfer of \$80,840.00 from Item 315-016 Medical Complex, H. B. 886, to Item 315-054 Dodd Hall Addition, H. B. 886, to provide funds for the extra orders and architect's fees.
- 2 Approves the transfer and release of \$162,050.00 from Item 315-016 Medical Complex to Item 315-062 School of Allied Medical Professions, H. B. 886, for preliminary planning, and the change of project name from School of Allied Medical Services to School of Allied Medical Professions.
- 3 Approves the release of \$130,000.00 from Item 315-045, Humanities Center - Speech Theater, H. B. 886, to provide for architects fees and the change in project name to River Union and Drama Facilities.
- 4 Authorizes 10-day bidding for the project "Improvements to Entranceway - Lima Campus."

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Power of Attorney - Customs

President Fawcett recommended that the action taken by the Board of Trustees on November 15, 1963, relative to the Power of Attorney - Customs, be rescinded and the following recommendation for authorization be approved:

That Gordon B. Carson, Vice President for Business and Finance; Ernest W. Leggett, Assistant Vice President; and Joseph F. Medley, Business Manager, The Ohio State University, or any one of them, be and hereby are authorized and empowered to transact any and all business The Ohio State University may have with any Custom House in the United States of America, to make declarations to entries of merchandise imported by said University, to endorse bills of lading and to sign all bonds in the name of said University as required by law or the regulations of the Collector of Customs or Treasury Department; to secure the duties on importations made by said University; and also in the name of said University to execute and deliver any and all bonds of indemnity to the Collector of Customs for the production of endorsed bills of lading, and that a copy of this resolution be sealed with the seal of said University.

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

B. River Union and Drama Facilities, Employment of Architects

On September 14, 1965, the Board of Trustees approved the employment of Tibbals, Crumley and Musson as architects for the Humanities Center - Little Theater project. Since this project has now been combined with the River Union, their original contract should be cancelled and a new contract given for the project River Union and Drama Facilities.

President Fawcett therefore recommended that the original contract be cancelled and that the architectural firm of Tibbals, Crumley and Musson, Columbus, Ohio, be employed to act as critic in preliminary stage and basic drawing stage; to prepare basic drawings for Mechanical, Plumbing, Electrical and Structural work; to prepare working drawings and specifications for all work, cost estimates, secure approval of documents from all Ohio State University Departments and the State of Ohio, and assist in securing bids and awarding contracts; to provide four (4) inspection trips each of Mechanical and Electrical Engineers during construction; check all shop drawings; assist in selection of materials, colors and other items; and assist in resolving or correcting any construction problems during construction. All work will be done in conjunction with other services provided by the University Architect's Office.

The fee for this work will be based on the standard fee calculation less the amount to be paid to the University Architect or an estimated \$122,147.00. Funds for this project will be provided from Item 315-045 River Union and Drama Facilities, H. B. 886, and from a Federal grant.

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

September 12, 1968 meeting, Board of Trustees

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

C. Kenny Road Easement, Franklin County

On April 11, 1968, the Board of Trustees of The Ohio State University authorized the granting of a roadway easement to Franklin County to effect the widening of Kenny Road.

Additional negotiations between Franklin County and The Ohio State University have resulted in a reduction in the amount of land required for the widening of Kenny Road. This permits the University to retain additional space between its buildings and the improved Kenny Road. The original offer was for \$19,740.00 for 0.627 acres. The final plans require 0.455 acres and Franklin County has offered \$14,885.00 as compensation for the lands owned by the Board of Trustees needed for the right-of-way.

President Fawcett recommended that the sum of \$14,885.00 be accepted as just compensation for the land needed for the right-of-way.

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

D. Electric Line Easement - Ohio Power Company - Newark Campus

The Ohio Power Company has requested an electric line easement on State of Ohio lands that have been designated for the use of The Ohio State University, Newark Campus. The electric line will provide electricity to the Newark Campus.

President Fawcett recommended that an electric line easement be granted to the Ohio Power Company and 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 electric service to the Newark Campus.

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

E. Gas Line Easement - Columbia Gas of Ohio - University College

The Columbia Gas of Ohio has requested a gas line easement on State of Ohio lands that have been designated as a part of the west campus complex. The gas line will provide natural gas to the University College.

President Fawcett recommended that a gas line easement be granted to Columbia Gas of Ohio, Inc. It was further recommended 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 gas service to the University College.

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

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

F. Lease - Tommy's Pizza, Inc.

Tommy's Pizza, Inc., 1350 West Lane Avenue, Columbus, Ohio, has requested a lease of approximately 0.4 acres for use as a parking lot to the rear of the above address.

The Campus Master Plan has the land assigned as a clear zone to protect the transmission from WOSU-TV. The projected use of this land as a parking lot is compatible with the uses and needs of the University and will not interfere with the programming or transmission from WOSU-TV. The lease rental will be \$100 per month for a ten-year period renewable for a five-year period and subject to cancellation by the University after five years.

President Fawcett therefore recommended that a lease be negotiated with Tommy's Pizza, Inc. It was further recommended 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 to develop the necessary legal documents to provide for the lease to Tommy's Pizza, Inc.

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

G. Parking Lot Rate Increase - Visitor Lots and Garages

Parking rates for pay parking areas have not been increased since September 1, 1965. To partially offset increased salary and operating expenses and to avoid an increase in faculty, staff and student parking permit cost, a modest increase in rates for pay lots and garages is required.

Additional revenue anticipated from parking meters and increased hospital pay lot patronage will absorb the balance of the additional expense increase.

President Fawcett, therefore, recommended that the following increase in parking rates for visitor lots and garages as approved by the Commission on Traffic and Parking be made effective as of September 16, 1968.

	<u>Present Rate</u>	<u>Recommended Rate</u>
1st hour	\$0.20	\$0.30
2nd hour	0.15	0.15
3rd and each hour thereafter	0.10	0.10

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

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

H. Health Laboratory Facility - Land Conveyance

The Ohio State University has been advised that the State of Ohio, through its Department of Public Works, proposes construction of a Health Laboratory Facility to be located within the general campus area of the University.

It has been requested through the Board of Regents and the Department of Finance, that there be perfected in the State of Ohio (as separate from campus land) a fee simple title to the land hereinafter described upon which the facility will be constructed.

BE IT THEREFORE RESOLVED, that the Board of Trustees approve the conveyance or other titling of land in the name of the State of Ohio, in accordance with a survey and description in process of preparation describing the land required by the State of Ohio and to be agreed to by the State of Ohio and The Ohio State University.

Location of the State Health Laboratory is shown as Building #106 on the map identified as "Master Plan for the Health Sciences Complex, The Ohio State University," dated April 4, 1968, which is on file with the official records of the Board of Trustees. The building, which covers an area of approximately 140' by 200', is located generally at the northwest corner of West Eighth Avenue and Perry Street.

The supervision and control of such land shall thereafter pass from the Board of Trustees to an appropriate department of State government. The President and Vice President for Business and Finance were further directed to do all things necessary to carry out the purpose expressed in this resolution, including entering into an agreement with an appropriate agency of State government if necessary, embodying matters contained in this resolution together with an appropriate reverter of supervision and control of the land and facility in the event of nonuse by such agency of the State of Ohio and containing other matters mutually agreed upon as well as ingress and egress to the property. This agreement shall also contain the necessary arrangements for utilities, care and custody of lands and buildings and reimbursement to The Ohio State University for services rendered to the State of Ohio, Health Laboratory Facility.

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

I. Highway Research Laboratory - Disposition of Building Structures

The Highway Research Laboratory at East Liberty, Ohio, will eventually consist of seventy-seven separate parcels constituting approximately 5,500 acres of land, seventy-five residences, and other outbuildings and structures. A number of the residences, outbuildings, and structures are in excellent condition and located so as to constitute a definite advantage to the Highway Research Laboratory. The remainder of the residences, outbuildings, and structures are either unfit for habitation or use, or are located in areas of future construction. They constitute a serious threat to the community from the standpoint of vandalism, safety, and general appearance, and impair the orderly development of the facility.

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

I. Highway Research Laboratory - Disposition of Building Structures (continued)

President Fawcett recommended that the Board of Trustees authorize the College of Engineering, Engineering Experiment Station, to undertake the necessary arrangements for the eventual disposition of undesirable residences, outbuilding, and structures when they become unnecessary for the requirements of the Highway Research Laboratory. Disposition of the above will be accomplished by agreement with the Office of Business and Finance.

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

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Robert Jones, Professor of Classics in the Department of Classics; Louis Henry Burgwald, Professor Emeritus in the Department of Dairy Technology; and John A. Ramseyer, Professor of Education 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. William Robert Jones

The Board of Trustees expresses its sorrow at the death on August 6, 1968, of William Robert Jones, Professor of Classics.

Professor Jones was born in Lawrenceville, Illinois, July 8, 1917, and was graduated from Lawrenceville Township High School in 1933. His undergraduate work at the University of Illinois was highly distinguished, and he was elected to many honorary societies including Phi Beta Kappa and the all-University honorary, Phi Kappa Phi. He was graduated with high honors in Classics in 1937 and was awarded a University Scholarship for 1938-1939 and a University Fellowship for the two following years. He earned his A. M. in 1938 and his Ph. D. degree in 1940 with a brilliant dissertation on the MSS of Avianus.

In 1940 he came to The Ohio State University as an Instructor in Classics, and was promoted to Assistant Professor in 1945, Associate Professor in 1952, and Professor in 1965. During 1951-52 he received a Faculty Study Fellowship from the American Council of Learned Societies for studies in the field of modern Greek folk music. The year 1957-1958 he spent in Australia on a Fulbright grant as a lecturer at the University of Melbourne.

Professor Jones was recognized as an expert on Avianus and the ancient and medieval fable; he was at work at the time of his death preparing an extensive series of essays entitled Avianus in the Middle Ages. He was highly respected for the breadth of his interests and the precision of his knowledge in almost all the numerous branches of classical studies and

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. William Robert Jones (continued)

modern literature, particularly, English and German; in drama, both ancient and modern; and in music, in which he was a gifted performer on the piano and organ.

During the critical years of the war he assisted the German Department by teaching a course in German and later supervised students in classical drama with the English Department, acting as consultant to the theater division in the production of ancient dramas. He had a firm command of modern Greek, in which he was the official translator of letters and the official examiner of candidates for Fulbright scholarships.

Professor Jones was extraordinarily active in all phases of work relating to the classics. He was a consultant on etymology for the third edition of Webster's New International Dictionary (published in 1961) for which he revised the etymologies of more than five thousand words of classical origin. It was he who coined the name Xerox in response to a request from Battelle Memorial Institute.

Dr. Jones was active in classical societies--local, state, regional and national. He had made a most noteworthy contribution to the cause of classics by serving, since 1961, as the editor of the Classical Journal, published by the Classical Association of the Midwest and South and described in Professor Katz's selection guide for libraries as: "Outstanding general periodical in the field of the classics." This demanding task he performed so well that he was commended by the Executive Committee of the Association for "Broad and discriminating scholarship . . . Common sense and practical knowledge . . . Devoted and untiring labor . . . Congenial relations with departmental editors, contributors and members of our Executive Committee."

Professor Jones' memory will always be cherished by all those who had come to know him for his brilliant mind, his extraordinary range of learning and his unending kindness. His official list of services on University committees, to classical organizations, to the clubs of which he was a member and to his church is a very long one indeed. A superb teacher, he was widely loved. His students knew that they and their interests were first in his thoughts. He was one of the busiest members of the faculty, but he always had time for undergraduate and graduate students, colleagues or friends who needed his assistance or his advice. Not as a part but in addition to his teaching assignments he gave a regular series of readings from classical authors over WOSU.

It was characteristic of Professor Jones' complete selflessness that at the time of his death, although off duty, he helped direct the graduate students, arrange for master's and doctoral examinations and patiently read and corrected theses, dissertations and contributions to the Classical Journal. His department and this University have suffered an irreparable loss by his untimely death.

X. RESOLUTIONS IN MEMORIAM (continued)

A. William Robert Jones (continued)

On behalf of the University at large, the Board of Trustees expresses to his relatives and friends its deep sympathy and sense of understanding in their loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

B. Louis Henry Burgwald

The Board of Trustees of The Ohio State University expresses its sorrow at the death August 16, 1968, of Louis H. Burgwald, Professor Emeritus in the Department of Dairy Technology.

Professor Burgwald was born February 28, 1892, in Cleveland. He attended the Lakewood High School and entered The Ohio State University in 1910 where he received the Bachelor of Science degree in 1914. He was awarded the Master of Science degree from the University of Wisconsin in 1932.

Following graduation from The Ohio State University, Professor Burgwald spent three years in the industrial field as a chemist and operations supervisor and then served for eleven years as a specialist with the United States Department of Agriculture, Washington, D. C. In 1929, he returned to The Ohio State University as a staff member in the Department of Dairy Technology where he performed with distinction for twenty-five years until his retirement in 1954. Thereafter, he joined the Foreign Agricultural Service of the United States Department of Agriculture serving for eight years as a dairy products marketing consultant until mandatory retirement in 1962 relieved him of full-time responsibilities. During this period, he traveled to thirty-seven countries where he was responsible for planning, formulating and coordinating marketing projects concerned with the effective distribution and utilization of dairy foods. Until 1968, he continued a part-time relationship with the United States Department of Agriculture as a consultant to the Flavor Evaluation Group of the Eastern Utilization Research and Development Division, Washington, D. C.

Professor Burgwald joined the Department of Dairy Technology in its infancy and his consecrated efforts in teaching, research and industry relations were immeasurably responsible for its subsequent development and reputation. In his years of dedicated teaching and warm and personal counseling, he touched the hearts and stimulated the minds of his students by imparting to them the basic principles and philosophies required for excellence in their professional and personal lives. Many distinguished graduates attribute their success directly to Professor Burgwald's influence. The affection and esteem with which he was held by the alumni was expressed eloquently by their gifts and personal testimonials at a special program they arranged in his honor at the time of his retirement from the University.

Professor Burgwald's research brought distinction to himself and to the University. His research contribution resulted in the publication of forty-two scientific papers. He gained eminence as an authority on dairy microbiology and his technical advice was sought continuously by governmental agencies, consulting organizations and industrial concerns.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Louis Henry Burgwald (continued)

Throughout his career, Professor Burgwald was dedicated to the improvement, development, utilization and marketing of dairy products--and gave of his talents and energy unselfishly in furthering the welfare of the dairy industry. Through his efforts as a staff member of the University, he bridged the gap between the academic and industrial communities and created a strong allegiance of leading Ohio dairy executives for the University--an essential relationship which still prevails today. He helped to form the Dairy Technology Societies of Ohio, served as a Director of the Columbus Milk Council and in recent years was Superintendent of the Collegiate Students' International Dairy Products Judging Contest. In 1965, he was awarded the Distinguished Science Award of the American Dairy Science Association for his contributions to the dairy industry.

Throughout his life, Professor Burgwald possessed a loyalty for The Ohio State University exhibited by few persons and had a deep and abiding faith in its destiny. The words of "Carmen Ohio" held a meaningful and personal significance for him.

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

C. John A. Ramseyer

The Board of Trustees of The Ohio State University expresses its sorrow at the death August 20, 1968, of John A. Ramseyer, Professor in the College of Education.

John Ramseyer was born April 13, 1908, in Hudson, Illinois. He received his B. A. degree from Bluffton College in 1929, his M. A. and Ph. D. degrees from The Ohio State University in 1934 and 1948 respectively.

Dr. Ramseyer began his teaching in the field of mathematics and science at Sulphur Springs, Genoa and Dover, Ohio, high schools. For a time after completing his degree at Bluffton College, he was an Instructor in Mathematics and Field Secretary there. He joined The Ohio State University staff in 1938 as an Assistant at University School where he later became an Instructor in 1939, Acting Director in 1944 and Director from 1948 until 1951. In 1951, Professor Ramseyer was named as Director of the School-Community Development Study supported through a grant from the W. K. Kellogg Foundation. In 1955, he was instrumental in the development of the University Council for Educational Administration and was appointed to the Board of Trustees of that group. Mr. Ramseyer helped incorporate the Council and establish its offices on The Ohio State University campus.

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. John A. Ramseyer (continued)

From 1951 through 1968, Dr. Ramseyer served as a Professor of Educational Administration in the College of Education. In 1964, he was invited to serve as Chairman of the College of Education Planning Committee for the formation of a new School of Education. On July 1, 1965, he became Director of the School of Education and served in that capacity until January 1, 1968. From 1959 through 1962, he served on the President's University Planning Committee and through the years was active on several significant University-wide committees.

In addition to his teaching at The Ohio State University, he served as Visiting Professor during summer sessions at the University of Virginia, Emory University, University of North Carolina, Washington State University, University of Hawaii and Miami University of Ohio. He worked as a consultant to school districts and professional associations throughout the country. He lectured at many universities in the United States and Canada. He was a speaker at State, Regional and National meetings of the National Educational Association, the National Association of Secondary School Principals, the National Department of Elementary School Principals, the County Superintendent's Association, the American Association of School Administrators, the University Council for Educational Administration Annual Meetings, the National Conference of Professors of Educational Administration and the Association for Supervision and Curriculum Development.

Mr. Ramseyer's leadership was respected within The Ohio State University, the State of Ohio, the nation and the world. He was called on frequently for service to national organizations such as the University Council for Educational Administration. He served as a member of the Committee for the Advancement of Educational Administration of the American Association of School Administrators and was a special consultant to that Committee for a number of months.

During his extraordinarily busy career, Professor Ramseyer produced a large number of journal articles as well as books, monographs, school surveys and other written documents. His books, often co-authored with other leading authorities in the field of school administration, have been widely used in instructional programs for the preparation of educational administrators.

John A. Ramseyer was loved, respected and admired by his students, his colleagues across the land and school personnel everywhere. He was called upon frequently to visit with school board members and local school administrators about their problems. His depth of understanding about schools, communities, teaching and administering was valued by school people and laymen alike. He was able to view complex matters with dispassion and to sort out the salient issues. His convictions about the worth of an individual and the worth of education to the individual were the most prominent values in his scale of things that were important. It was these criteria that became so controlling in his judgment and so respected by those who sought out his judgment.

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. John A. Ramseyer (continued)

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

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Report on the University's Investment Portfolio

The reports dated August 20, 1968 and September 11, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the Investment Portfolio, were received and ordered to be filed with the official records of the Board of Trustees.

2. Appropriations for University Administrative Officials

Mr. Jones 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 1968-69 be on the same basis as the appropriations for 1967-68: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Vice President for Academic Affairs and Provost of the University; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for Research; Vice President for Development; Vice President for Educational Services; Executive Dean for Student Statistical Services; Executive Director for University Relations; and Executive Assistant to the President; and (3) an additional amount of \$1,000.00 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. Safford and approved by unanimous roll call vote.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968

Mr. Jones presented the following resolution:

RESOLUTION Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968, and Other Matters Related Thereto

RESOLVED, that the Board of Trustees hereby adopts the Series J Bond Resolution as set forth in the Fifth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus as Trustee, (presented to this meeting and marked Supplement A, page 187).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement (as presented to this meeting and marked Supplement A), in all respects and the officers designated in the Series J Bond Resolution are hereby authorized to execute and deliver said Fifth Supplemental Trust Agreement, in substantially the form presented, to The Ohio National Bank of Columbus, as Trustee, at such time as they may deem appropriate.

FURTHER RESOLVED, that the certificate of the President and Vice President, Business and Finance of the University, attached hereto and marked respectively Supplement B (page 221) and Supplement C (page 225), Supplement B setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution, and Supplement C certifying as to there being no default under the Original Trust Agreement and Certain Facts pursuant to Section 2.03 (4) of the Trust Agreement be and the same are hereby approved.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolutions adopted by the Board on September 1, 1958 and June 11, 1960 relating to the parietal rules governing the use and occupancy of the University dormitory facilities to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolution adopted by the Board of Trustees on June 8, 1967 and May 9, 1968 relating to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

XI. REPORTS (continued)

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

3. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968 (continued)

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fifth Supplemental Trust Agreement or the Original Trust Agreement, or by the resolution providing for the issuance and sale of the \$3,000,000 Dormitory Revenue Notes, Series 1968, or the Loan Agreement with the United States of America Contract No. H (402) 3007, dated January 1, 1968 and authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited pursuant to said Original Trust Agreement and the Executive Officer or Fiscal Officer, or any one of them, are authorized to arrange for such accounts at such banks as the officer acting may determine and the Secretary of this Board is authorized to include in the minutes as hereby adopted any standard form of bank resolution required in connection with effecting the foregoing.

FURTHER RESOLVED, that the Executive Officer or Fiscal Officer of the University, or any one of them, are authorized and directed to do all things necessary for the sale of the Series J Bonds, subject, however, to all applicable provisions of the Series J Bond Resolution and the Loan Agreement with the United States of America.

FURTHER RESOLVED, that in addition to other terms herein defined, the term "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University; the terms "Original Bond Resolution," "Dormitory Facilities," "Trust Agreement," and "Project" shall have the same meanings as are given to them in the Series J Bond Resolution.

FURTHER RESOLVED, that the adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement on July 13, 1967, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement by the aforesaid act this day.

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

XI. REPORTS (continued)

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

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968

Mr. Jones presented the following resolution:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1968, for the purpose of refunding \$3,000,000 Dormitory Revenue Notes of 1967 heretofore issued for the purpose of paying part of the cost of constructing and equipping certain dormitory and related dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses and Raney Commons Dining Facility.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University," or where the context admits collectively with the Board called the "University") and has the general supervision of all land, buildings and other property of the University and control of all expenses therefor pursuant to Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, under Section 3345.07 of said Revised Code, the Board has authority to construct, equip, maintain and operate the Project described below and to issue bonds and notes to pay the costs thereof and pledge to the payment of such bonds and notes the net revenues of dormitory and dining facilities now or hereafter under the control of the Board as the Board may designate, and to issue such bonds and notes to refund bonds and notes previously issued for such purpose; and

WHEREAS, the Board has previously determined, and does hereby confirm, that it is necessary to provide additional dormitory accommodations and dining facilities for students of the University and, therefore to construct and equip on the campus of the University and dormitory and dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility, provided, however, that it subsequently determined not to construct and equip Dennis House (said dormitory buildings and dining facility and all things incidental thereto, exclusive of Dennis House, being herein called the "Project"); and

WHEREAS, the Board has heretofore duly issued, and there are presently outstanding, notes in the aggregate principal amount of \$3,000,000 Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967, issued for the purpose of refunding in part \$14,000,000 Dormitory Revenue Notes of 1966, dated as of September 15, 1966, and issued for the purpose of paying the costs of the Project, and said 1967 Notes bearing interest

XI. REPORTS (continued)

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

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)

at the rate of 3% per annum, maturing on September 15, 1968 (the said outstanding note issue being herein called the "Outstanding Notes"); and

WHEREAS, the Board does hereby determine and confirm that it is necessary to issue the below authorized dormitory revenue notes in the principal amount of \$3,000,000 to refund the balance of the Outstanding Notes prior to the completion of permanent financing of that part of the Project known as Jones Tower, to be represented by an issue of \$3,000,000 Dormitory Revenue Bonds Series J, pursuant to Section 3345.07 of the Ohio Revised Code and pursuant to Resolution of the Board duly adopted this day authorizing said Series J Bonds; and

WHEREAS, the Fiscal Officer of the University has solicited proposals for the purchase of said \$3,000,000 Dormitory Revenue Notes at par and at an interest rate not to exceed 6% per annum and this Board now desires to award the Notes to the Original Purchaser described in Section 4 hereof;

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

Section 1. It is hereby determined and declared that it is necessary to construct and equip that part of the Project known as Jones Tower and to issue and there shall be issued, pursuant to Section 3345.07 of the Revised Code of Ohio, The Ohio State University Dormitory Revenue Notes, Series 1968 (herein called the "1968 Notes"), in the aggregate principal amount of \$3,000,000 for the purpose of refunding the presently outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967.

Section 2. The principal of and interest on the 1968 Notes shall be payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing only for the reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made into the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes of the University to be issued pursuant to Section 3345.07 of the Revised Code of Ohio, or other authorizing provision of law, to refund the notes authorized hereby; and neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the same from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or the University, and

XI. REPORTS (continued)

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

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)

the full faith and credit thereof are not pledged thereto and the note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

The University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance and delivery, prior to the maturity of the 1968 Notes, of dormitory revenue bonds or notes for the refunding of the 1968 Notes pursuant to Ohio Revised Code Section 3345.07, or other provision of law authorizing such revenue bonds or notes, in such principal amount as shall be necessary to pay the principal of and interest on the 1968 Notes and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale; and these obligations are established as duties specifically enjoined upon the University, its Trustees and officers, by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Section 3. The 1968 Notes shall be dated as of September 15, 1968, shall mature on September 15, 1969, shall be in the denominations, bear interest at the rate with interest payable all as described in Section 4 below, or upon prepayment of the principal thereof as hereinafter provided, shall be designated "The Ohio State University Dormitory Revenue Notes, Series 1968." The University shall reserve the right to make prepayment of all or a portion of the principal amount of the 1968 Notes at any time or times without premium or penalty, provided that it may not make such payment through application of the proceeds of refunding notes for a period of one year from the date of said 1968 Notes. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the Executive Officer or by the Fiscal Officer, may have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon. The definitive notes shall be substantially in the form attached hereto as Supplement D (page 229), the terms and covenants of which are incorporated herein, with such changes therein, not substantially adverse to the University, as the officers executing same and the Original Purchaser may agree upon.

For the purposes of this resolution "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University.

XI. REPORTS (continued)

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

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)

Section 4. Said 1968 Notes are hereby awarded to Huntington National Bank, Columbus, Ohio, pursuant to its proposal, a true copy of which was submitted to this meeting (filed with the official records of the Board of Trustees), bearing interest at the rate of 3.5%, interest payable on March 15 and September 15, 1969, in the denomination of \$3,000,000, and, in accordance with this Resolution, the Executive Officer and the Fiscal Officer are each hereby authorized and directed to do all things necessary for the delivery of said notes in accordance with this said award, the proposal and this Resolution.

Section 5. The proceeds of said notes shall be applied promptly to the payment and discharge of the Outstanding Notes, and the Fiscal Officer is hereby directed to apply to the payment of interest on said outstanding notes such amount from the construction funds for the Project or from available surplus dormitory revenues as shall be needed therefor.

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

B. Highlights of University Activities

President Fawcett reported to the Board on some of the significant 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. Despite government cutbacks in certain areas, research contracts and grants received at Ohio State totaled the highest in its history during the last fiscal year. Vice President Alfred B. Garrett said the July 1 financial report of the University's Research Foundation shows a total of sponsored research contracts and grants of \$16,784,814 for 1967-68. This compares with a figure of \$15,717,593 for the previous year. About \$700,000 in institutional grants from the National Science Foundation and the National Institutes of Health should be added to the total which makes a total of almost \$17.5 million as compared to about \$16.3 million last year.
2. Results of the National Medical Board Part III Examinations, taken this past spring by the College of Medicine third-year class, when compared with results of students from other American medical schools, showed that The Ohio State University College of Medicine ranked in the top five of the 40 participating medical schools, according to Dr. Richard L. Meiling, Dean of the College. Dean Meiling said that innovations in the medical curriculum over the past several years (computer-assisted instruction is an example) no doubt contributed to this achievement.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

B. Highlights of University Activities (continued)

The test, administered by the National Board of Medical Examiners, was given to third-year medical students on an experimental basis. It is usually administered to physicians completing their internship programs.

3. A sign for the purpose of identifying slow-moving vehicles on public highways to serve as a warning to motorists which was devised by Mr. Kenneth Harkness of the Department of Agricultural Engineering in 1963 has received national and international acceptance as evidenced by its use on all of the highways in the United States and the Provinces of Canada. This invention was considered an important factor in improving safety on the highways and it was recommended that it be freely available to the public. For this reason The Ohio State University "dedicated it to public use."

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Thereupon the Board adjourned to meet Wednesday, October 9, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

SUPPLEMENT A

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

Page 188 Blank

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

THIS FIFTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 15th day of April, 1968 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1967 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959, April 15, 1961, April 15, 1963, and August 1, 1967, respectively entered into First, Second, Third and Fourth Supplemental Trust Agreements (which original Trust Agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$31,560,000 Series A, B, C, D, E, F, G, H and I Dormitory Revenue Bonds have been authorized and have been or are to be issued and under which additional bonds (herein called "Additional Bonds") are issuable on a parity with the said Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

WHEREAS, the University has in all respects complied with the provisions of the Trust Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$3,000,000 Additional Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$3,000,000 of Additional Bonds (herein called the Series J Bonds); and

Fifth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on September 12, 1968 the Series J Bond Resolution providing for the Series J Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, the Series C and D Bond Resolutions adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962, and the Series I Bond Resolution adopted July 13, 1967 is referred to as the Bond Resolution; and

WHEREAS, the Series J Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$3,000,000 The Ohio State University Dormitory Revenue Bonds, Series J, as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of constructing and equipping Jones Tower.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the Board) is vested with the government of The Ohio State University (herein called the University or, when the context admits, collectively with the Board called the University) by Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all land, buildings and other property of the University and control of all expenses therefor; and

WHEREAS, by authority of Section 3345.07 of the Revised Code of Ohio, the Board is authorized to construct, equip, maintain and operate upon sites within, or in close proximity to, the campus of the University, buildings to be used as dormitories and as other suitable living quarters, or as dining halls, for students and members of the faculty and servants and wives and families of married students of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided

Fifth Supplemental Trust Agreement

by such buildings) and to pay for the same out of funds in its possession derived from operation of any such buildings under its control or out of funds borrowed therefor and to borrow funds for such purpose upon such terms as said Board may deem proper and issue notes or other written instruments evidencing such indebtedness provided that such indebtedness shall not be a claim against or lien upon any property of the State or any property of or under the control of said Board excepting such parts of the receipts of the operation of any such buildings under control of the Board as it may pledge to secure the payment of such indebtedness and by authority of said Section 3345.07 the Board is also authorized to issue such notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.07; and

WHEREAS, the University determined by resolution adopted April 8, 1957 (herein called the Original Bond Resolution and collectively with this resolution, the Series C and D Bond Resolution adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962 and the Series I Bond Resolution adopted July 13, 1967, called the Bond Resolution) to provide for the issuance of Dormitory Revenue Bonds and pursuant to the Trust Agreement dated as of April 15, 1957 with The Ohio National Bank of Columbus (herein, with the First, Second, Third, Fourth and Fifth Supplements, called the Trust Agreement), to pledge the net income of all the dormitory facilities, including married student housing and dining halls, now or hereafter under control of the University pursuant to Ohio Revised Code Section 3345.07, and to provide in said Trust Agreement for the issuance of such Bonds (herein called the Bonds) as from time to time authorized subject to the conditions contained in said Trust Agreement, and by the Original Bond Resolution and the Trust Agreement provided for the sale of an initial issue of \$12,000,000 consisting of

Fifth Supplemental Trust Agreement

\$6,000,000 Series A Bonds and \$6,000,000 Series B Bonds (herein called the Series A and Series B Bonds) and for the issuance from time to time as authorized by the Board of additional bonds (herein called Additional Bonds) on a parity with said initial issue of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds, \$2,850,000 Series H Bonds and \$10,500,000 Series I Bonds have been authorized and issued and the unmatured portions of such Series A through I Bonds are presently outstanding; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities on a basis equal or prior to the pledges under the Trust Agreement; and

WHEREAS, the University has determined to sell an issue of \$3,000,000 Additional Bonds as Series J Bonds (herein called the Series J Bonds) all as provided in the Trust Agreement; and

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip additional dormitory facilities to be known as Jones Tower (said dormitory building and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans prepared by the University Architect and approved by the Department of Public Works of Ohio and the Department of Housing and Urban Development of the United States of America (herein called the Government); and

WHEREAS, based upon final construction and other costs, the University has determined the costs of the Project to be \$4,000,000, including capitalized interest, miscellaneous expense and contingencies; and

Fifth Supplemental Trust Agreement

WHEREAS, the University has heretofore by the Series I Bond Resolution adopted July 13, 1967, allocated \$610,000 of the proceeds of the sale of the Series I Bonds to the Series J Construction Fund hereinafter provided for to be held for paying costs of the Project and the University has \$390,000 of funds otherwise available for such purpose which this Board has heretofore authorized and directed be deposited in said Series J Construction Fund to be held and used for paying costs of the Project; and

WHEREAS, the University has determined to borrow the balance of the funds to pay the foregoing costs, and to advertise for bids, subject to the terms of the loan agreement (numbered Contract No. H (402) 3007) dated as of January 1, 1968 covering Project No. CH-Ohio-216 (D) (herein with any amendments thereto called the Loan Agreement) with the Government under which the Government agrees, subject to the terms of the Loan Agreement, to purchase the \$3,000,000 Dormitory Revenue Bonds, Series J.

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

Section 1. Purpose of Series J Bonds. It is hereby determined to be necessary to construct the Project and to issue \$3,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement for the purpose of paying part of the cost of the Project and of all things incidental thereto or incidental to the financing thereof, including repayment of moneys previously borrowed or advanced for the Project or restoring amounts used for the Project from other funds of the University available for such purposes, excepting, however, the sum of \$610,000 allocated from the proceeds of the Series I Bonds and the \$390,000 of other funds otherwise available for such purpose deposited to the Series J Construction Fund under this Resolution.

Fifth Supplemental Trust Agreement

Section 2. Terms of Series J Bonds. Said \$3,000,000 of Dormitory Revenue Bonds Series J shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds." The Series J Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of April 15, 1968, and shall be issued as negotiable coupon bonds, registrable as to principal in the denomination of \$5,000 or as single maturity fully registered bonds without coupons in denominations of \$5,000 or any multiples thereof, as requested by the Original Purchaser or Purchasers of such Bond or Bonds; provided, however, that until such time as the Original Purchaser or Purchasers request(s) the preparation of definitive bonds, a single multiple maturity, fully registered bond or bonds without coupons shall be issued in an amount equal to the bonds contracted for by said Purchaser or Purchasers and thereafter at the request of the holder(s) thereof the University will, at its expense and within ninety days from such request, issue to him in exchange therefor definitive bonds, as aforesaid, in aggregate principal amount equal to the unpaid principal of such single bond. The Series J Bonds shall be numbered J 1 to J 600, inclusive, in order of maturity, and fully registered Bonds without coupons shall be numbered as determined by the Fiscal Officer, shall bear interest from their date or from the last interest payment date preceding the date of issuance, payable semi-annually on April fifteenth and October fifteenth of each year, beginning with October 15, 1968, until the principal sum is paid, at the rate or rates per annum stipulated in the bid or bids of the successful bidders and approved in writing by the President or Fiscal Officer of the University, (or in the case of Bonds purchased by the Government pursuant to the Loan Agreement, at the rate specified in the Loan Agreement) provided that no such rate shall exceed 6% per annum. The Series J Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

Fifth Supplemental Trust Agreement

<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>
1971-1974	\$45,000	1989-1990	\$ 75,000	2001	\$105,000
1975-1977	50,000	1991-1993	80,000	2002-2003	110,000
1978-1980	55,000	1994	85,000	2004	115,000
1981-1983	60,000	1995-1996	90,000	2005	120,000
1984-1985	65,000	1997-1998	95,000	2006-2007	125,000
1986-1988	70,000	1999-2000	100,000	2008	130,000

The Series J Bonds maturing on and after October 15, 1979 shall be subject to redemption in whole or in part in inverse order of maturity, prior to the stated maturity thereof at the option of the University on any interest payment date on and after April 15, 1979, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 3 % if redeemed April 15, 1979 through October 15, 1983, inc.
- 2-1/2% if redeemed April 15, 1984 through October 15, 1988, inc.
- 2 % if redeemed April 15, 1989 through October 15, 1993, inc.
- 1-1/2% if redeemed April 15, 1994 through October 15, 1998, inc.
- 1 % if redeemed April 15, 1999 through October 15, 2003, inc.
- 0 % if redeemed April 15, 2004 or thereafter

If some but less than all of one maturity are to be called, the selection of coupon bonds or portions of fully registered bonds of that maturity to be called shall be chosen by lot conducted by the Trustee under the Trust Agreement. If single multiple maturity fully registered bond or bonds is or are issued for the Series J Bonds, the annual principal payments with respect thereto may be prepaid in the above manner, and, if the Government is the holder, the University may, at its option, prepay from funds available therefor, on any interest payment date, the entire unpaid principal amount of the Series J Bonds or from time to time, in the inverse chronological order of the aforesaid installments, a lesser proportion thereof in multiples of \$5,000. Call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series J Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation, published in the English language in New York City and in an English language newspaper

Fifth Supplemental Trust Agreement

of general circulation in Columbus, Ohio, the first publication to be not less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on said redemption date. If the Series J Bonds are all registered, or are issued as a single multiple maturity fully registered bond or bonds, published notice of redemption shall not be required, but notice by registered or certified mail shall be given not less than thirty (30) days prior to the date of redemption to the registered owner or owners at the address(es) appearing on the Bond Registry. Except in the case of redemption of Bonds held by the Government from the Construction Fund as provided in Section 4 of this Resolution, or in a corresponding provision of a resolution authorizing Additional Bonds, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

Subject to the terms of the Loan Agreement, the principal and interest of the Series J Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (presently, The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal corporate trust office of the United States Trust Company of New York, in the Borough of Manhattan, City and State of New York except that interest on fully registered bonds is payable by check as provided in the Trust Agreement, and principal on fully Registered Bonds may also be payable at such additional place or places, at the option of the holder as shall be designated by the Fiscal Officer of the University; provided, however, that payment of principal and interest on a single multiple maturity fully registered bond without coupons may at the request of the registered owner be made on each principal and interest payment date by draft or check mailed to such

Fifth Supplemental Trust Agreement

registered owner, or, if the Government is the registered owner, to the Federal Reserve Bank of Richmond, Richmond, Virginia, or to such other place as may be designated by the Government.

The Series J Bonds shall have such other terms and conditions and shall be issued, executed and delivered as provided by the applicable provisions of the Trust Agreement, and of or pursuant to the Loan Agreement.

Section 3. Sale of Series J Bonds. The \$3,000,000 Series J Bonds shall be advertised for sale, awarded and delivered by the President or the Fiscal Officer of the University pursuant to the provisions of the Loan Agreement, and said officers and each of them are authorized to take any and all actions necessary of the Government.

Section 4. Allocation of Proceeds of Series J Bonds. Upon the issuance and delivery of the Series J Bonds, the Fiscal Officer of the University shall forthwith establish a bank account in the name of the University designated "Series J Construction Fund," (hereinafter called the "Construction Fund"). The proceeds from the sale of said Bonds shall be forthwith deposited and applied by the University as follows:

- (1) The portion representing accrued interest to the Debt Service Fund provided for in the Original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds to the Debt Service Reserve Funds.
- (2) To the University, the amounts necessary to reimburse the University for amounts in excess of \$1,000,000 expended by it on costs of construction of the Project prior to issuance of the Series J Bonds. (Said \$1,000,000 consisting of the \$610,000 of the proceeds of the Series I Bonds allocated to the Construction Fund under the Series I Bond Resolution and the \$390,000 of funds otherwise available for such purpose and deposited by the University in the Construction Fund.)
- (3) The balance to the Construction Fund to be held by the Trustee to pay costs of construction of the Project and to pay all incidental expenses of the Project and the financing thereof, including repayment (with interest) of money borrowed by the University for such purposes in accordance with the Loan Agreement.

Fifth Supplemental Trust Agreement

- (4) Any balance remaining in the Construction Fund after payment, or retention of funds sufficient to pay, costs and other amounts provided for in (3) above, shall be promptly applied to the extent possible for the retirement at par plus accrued interest in inverse order of maturity of Series J Bonds, if any, then held by the Government, and any portion not needed for such retirement shall be transferred to the Debt Service Reserve Fund.

No part of the proceeds of Series J Bonds sold to the Government shall be used to pay costs (including cost of movable equipment or fees of a financial advisor) which, under the Loan Agreement or under the rules, regulations or practices of the Department of Housing and Urban Development, may not be paid from proceeds of Bonds purchased by the Government through that agency, and proceeds of Bonds purchased by the Government as aforesaid shall be segregated in the Construction Fund to the extent necessary to effect the foregoing and none of the funds in the Construction Fund shall be applied in any manner contrary to the Loan Agreement.

The Trustee shall apply said Construction Fund to the payment of such items as from time to time are requested in writing by the Fiscal Officer of the University. Such written request shall include a certificate by such official that the amount to be paid from such Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such written request shall certify that such payment was certified as due under such contract by a qualified architect or engineer.

To the extent the moneys in the Construction Fund exceed the estimated disbursements needed to pay the costs of the Project for the next ninety (90) days the Construction Fund shall be deposited by the Trustee in banks that are members of the Federal Deposit Insurance Corporation, or invested by the Trustee in such direct obligations of, or obligations the principal of and interest on which are guaranteed by, the United States which shall not mature later than eighteen (18) months after the date of such investment and which shall be subject to redemption at any time, in either

Fifth Supplemental Trust Agreement

event as shall be directed in writing by the President or the Fiscal Officer of the University, which writing shall designate maturities and amounts which, as nearly as practicable, would, through maturities, provide funds when needed to pay costs for which the respective funds have been established. Such investments and the proceeds of sale thereof shall constitute part of the fund from which the investment was made. Interest on such investments may be paid to the Dormitory Revenue Fund or applied to the purposes of the fund from which the said investments shall be sold, exchanged or collected from time to time as directed in writing by the President or the Fiscal Officer of the University and the Trustee shall be under no liability in connection with such investment, sale, exchange or collection thereof provided the directions of said officers are followed. No direction shall be made to invest the Construction Fund except as permitted by the Loan Agreement.

Section 5. Additional Bonds. (a) The Board shall have the right from time to time to issue Additional Bonds under the Trust Agreement if necessary to pay the costs of completing the Project or completing any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of the documents required by Section 2.03 of the Trust Agreement. Nothing herein or in the Trust Agreement shall require any earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such Additional Bonds are issued, the University

Fifth Supplemental Trust Agreement

shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three-tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies, devises or grants or other sources for payment when due of principal and interest on the Bonds will be at least one and three-tenths (1.3) times the principal and interest requirements for that period; (3) showing that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

The first call date on Additional Bonds shall not be earlier than the first call date on any issue of Bonds outstanding at the time of issue of such Additional Bonds.

Fifth Supplemental Trust Agreement

Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H, I and J Bonds and all Additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall have all the incidents of negotiable instruments under the laws of Ohio, shall express upon their face the purpose for which they are issued, and shall be issued pursuant to Section 3345.07 of the Revised Code of Ohio. Unless otherwise provided by the Board, the Bonds shall be signed by the Chairman of the Board or bear his facsimile signature, shall be signed by the President of the University or bear his facsimile signature, shall be attested by the Secretary of the Board or by the Vice President, Business and Finance of the University, and may be sealed with the seal of the University or a facsimile thereof, and interest coupons attached to the Bonds shall bear the facsimile signature of the Secretary of the Board or of the Vice President, Business and Finance of the University. In case any officer whose signature or a facsimile of whose signature shall appear on any Bonds or coupons shall cease to be such officer before the delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time. The additional Bonds shall bear such designations as may be necessary to distinguish them from other Bonds having different provisions and shall have maturities, interest rates, interest payment dates, redemption provisions, denominations, registration provisions, and other provisions as provided in the Resolution providing for issuance of the Additional Bonds, provided,

Fifth Supplemental Trust Agreement

however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement and in the Bonds, the Bonds shall be equally and ratably payable from and secured by pledge of, the receipts from the operation of all dormitory facilities now or hereafter under control of the Board including the dining facilities constituting a part thereof, after provision for reasonable and proper expenses of operation and maintenance of such facilities; and anything in this Resolution, the Bonds or the Trust Agreement to the contrary notwithstanding, neither this Resolution, the Bonds, nor the Trust Agreement shall be a claim against or a lien upon any property of the State of Ohio or any property of or under the control of the Board except the portion of said receipts pledged as provided herein; provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using, or pledging, to the extent it is lawfully authorized to do so, any of its other resources or revenues for the fulfillment of any of the terms, conditions or obligations of the Trust Agreement, this Resolution, or any of the bonds.

Section 7. Covenants of the University. The University covenants with the holders of the Bonds and with the Trustee under the Trust Agreement that (a) it will adopt and maintain so long as any of the Bonds are outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from, the dormitory facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special Funds required by Section 8 of this Resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent

Fifth Supplemental Trust Agreement

adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (e) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25% of the outstanding Bonds, or their authorized representatives, to inspect the dormitory facilities and any books, documents and vouchers relating thereto; (f) it will furnish heat, light, power, water and other necessary services to the dormitory facilities at not in excess of reasonable cost; (g) it will comply with all the terms and conditions of the respective Loan Agreements with the Department of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, H and J Bonds; (h) it will insure the dormitory facilities as required by the Trust Agreement and apply the proceeds of such insurance as provided therein; and (i) will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund," which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University

Fifth Supplemental Trust Agreement

and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

Under the Original Bond Resolution there shall be maintained in the Dormitory Revenue Fund, as an Operating Reserve, such amount as is from time to time certified by the Fiscal Officer of the University as adequate and necessary for working capital for operation and maintenance of the dormitory facilities; provided, that such Operating Reserve shall not exceed one-fourth of the operating and maintenance expenses of the dormitory facilities for the preceding 12 months.

All receipts from dormitory facilities now or hereafter under the control of the Board, including the dining halls constituting part thereof, shall be deposited in the Dormitory Revenue Fund.

The Dormitory Revenue Fund, including the Operating Reserve, shall be applied to pay when due all reasonable and proper expenses of operation and maintenance (as defined in Section 10) of the dormitory facilities, excluding extraordinary repair and replacement expenses payable from the Contingency Repair and Replacement Fund and expenses of or provision for depreciation or capital replacement.

The remainder of the Dormitory Revenue Fund, after retaining therein the then current Operating Reserve and payment of said operation and maintenance expenses then due, shall be applied as provided in the Original Bond Resolution, namely, as follows and in the following order of priority:

First: Into the Debt Service Fund, to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, the amounts provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G, H and I Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G, H and I Bonds and, in addition, (1) on or before April 1 and October 1 of each year an amount equal to the interest due and on the next ensuing

Fifth Supplemental Trust Agreement

interest payment date in that year on the Series J Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount then remaining in said Debt Service Fund from the accrued interest and from the funds deposited therein for capitalized interest pursuant to Section 4 of this Resolution; (2) on or before April 1 and October 1 of each year, the equal semi-annual amounts necessary to provide for payment of any principal maturity in that year on the Series J Bonds; (3) if Additional Bonds shall be issued under the Trust Agreement, such additional amounts and at such times as specified in the resolution authorizing such Additional Bonds, which amounts shall be not less than necessary to provide in the Debt Service Fund amounts, in addition to the amounts hereinbefore provided for the Series A, B, C, D, E, F, G, H, I and J Bonds, sufficient to pay in full interest and principal on all Additional Bonds then outstanding, as the same shall become due and payable provided that no payments need be made to the Debt Service Fund so long as the amounts in the Debt Service Fund and Debt Service Reserve Fund aggregate at least the total principal and interest payable on all Bonds then outstanding to the dates of their respective maturities.

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum principal and interest requirements for any consecutive two-year period on all Bonds at the time outstanding;

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the

Fifth Supplemental Trust Agreement

required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one percent of the cost of construction on all dormitory facilities then under the control of the Board and 3 percent of the cost of movable equipment for all such dormitory facilities, which fund may be used by the University to the extent necessary for payment of principal and interest on the Bonds or for extraordinary repairs and replacements to the dormitory facilities or for construction or equipping of additional dormitory facilities;

Fourth: On April 1 and October 1 of each year, to the foregoing funds, such amounts as may be necessary to make up previous deficiency in any deposits required by the foregoing paragraphs of this section;

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Fourth above and so long as the amounts in the Debt Service Reserve Fund are at least equal to the then required reserve, any amounts in the Dormitory Revenue Fund, after reserving therein the then current Operating Reserve, may be used for any purpose of the University for which such funds may lawfully be used.

The Debt Service Fund is irrevocably pledged to and shall be used by the Trustee for the payment of principal and interest on the Bonds and, until required for such purposes, shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity of the respective obligations is not later than the date on which such funds will be required for payment of such principal and interest. The Trustee shall transfer from the Debt Service Fund to the Paying Agents amounts sufficient to enable said Paying Agents to pay when due principal and interest on the Bonds, or the Trustee shall make such credit arrangements with said Paying Agents as to permit such payments.

Fifth Supplemental Trust Agreement

The Debt Service Reserve Fund is irrevocably pledged to, and shall be used by the Trustee for, the payment of principal and interest on the Bonds if other available funds are insufficient for that purpose, and, to the extent herein provided, for purchase or redemption of Bonds. Until required for such purposes it shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing, which obligations shall, subject to the applicable provisions of the Loan Agreement, mature not more than five years from the date of investment. The Trustee shall transfer from the Debt Service Reserve Fund to the Debt Service Fund such amounts as are necessary in addition to amounts available in the Debt Service Fund, including funds transferred from the Contingency Repair and Replacement Fund, to enable said Paying Agents to pay when due the principal and interest on the Bonds.

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any investments of the fund other than direct obligations of the United States maturing within five years from the date of such calculation, but, in all other respects, such investments shall be valued at their face amount or market value, whichever is lower.

The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided.

Fifth Supplemental Trust Agreement

The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of this fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment subject, however, to the applicable provisions of the Loan Agreement.

Investments made pursuant to this Section 8 of any amounts in any Special Fund herein created and the interest thereon and the proceeds thereof shall constitute part of that Special Fund and be added to that particular fund. Such investments shall be sold, exchanged or collected from time to time as directed by the President and the Fiscal Officer of the University, and the Trustee shall be under no liability and have no responsibility in connection with such investment, or the sale, exchange or collection thereof, provided the directions of said officers are followed.

Section 9. Trust Agreement. In order to secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fifth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the University as the Officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series J Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable

Fifth Supplemental Trust Agreement

to the Series A and Series B Bonds or to the Project to be constructed from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the Series J Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 10. Definitions. Where the context permits, the following terms as used in this Resolution or in the Trust Agreement shall have the following meanings:

(1) "the Fiscal Officer" shall mean the Vice President, Business and Finance, of the University or any official or employee performing the duties of such officer for the time being. The Comptroller, or the Assistant Vice-President - Assistant Treasurer, or any official or employee performing the duties of such officers for the time being, shall also be "a Fiscal Officer" when the context so permits. (2) "Additional Bonds" shall mean Bonds issued pursuant to the Trust Agreement in addition to and on a parity with the Series A, B, C, D, E, F, G, H, I and J Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, I and J Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed, equipped, maintained and operated by Section 3345.07 of the Revised Code of Ohio, including the dormitories, additions to dormitories, dining facilities, and married student housing facilities or projects and all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the campus; (5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof;

Fifth Supplemental Trust Agreement

(6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the sale referred to in Section 3 above and to effect the execution, sale and delivery of said Series J Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. It may be required as part of the terms of sale of the Series J Bonds that prior to or at the time of delivery of the Series J Bonds there shall have been executed and delivered contracts for construction of the principal

Fifth Supplemental Trust Agreement

portions of the Project and provisions shall have been made for obtaining sufficient amounts to pay all costs of the Project as estimated by the Project architect. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

WHEREAS, the text of the Series J Bonds and the coupons, if any, to be attached thereto and the authentication certificate of the Trustee to be endorsed thereon are to be substantially as follows:

(Form of Coupon Bond)

The form of Coupon Bond shall be identical with the form of Coupon Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate and corresponding coupon form in said Coupon Bond the following paragraphs and coupon form:

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and September 12, 1968 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1969, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent

Fifth Supplemental Trust Agreement

(0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the facsimile signatures of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of April 15, 1968.

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

Fifth Supplemental Trust Agreement

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

(Form of Coupon Bond)

On the _____ day of _____, 19____, unless the bond to which this coupon is attached has been called for previous redemption, The Ohio State University and its Board of Trustees, as such Trustees and not individually, will pay to bearer, but only from the sources and in the manner provided in the Trust Agreement dated April 15, 1967, and supplement thereto dated April 15, 1968, between the said University and said Board and The Ohio National Bank of Columbus, as Trustee, and not from the general or ordinary funds of the State of Ohio or said Board or University, on the surrender of this coupon at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of The United States Trust Company of New York, in the Borough of Manhattan, City and State of New York

DOLLARS (\$))

in lawful money of the United States of America, being interest then due on The Ohio State University Dormitory Revenue Bond, Series J dated April 15, 1968.

(Facsimile Signature)
Secretary of
The Board of Trustees

Bond No. _____
Coupon No. _____

(Form of Fully Registered Bond of Single Maturity)

The form of Registered Bonds without coupons of single maturity shall be identical with the form of Registered Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate in said Registered Bond the following paragraphs:

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 of Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board of Trustees of April 8, 1957 and _____.

Fifth Supplemental Trust Agreement

1968 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1979, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent (0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any; and with the effect provided in the Agreement.

Fifth Supplemental Trust Agreement

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

(Form of Single Fully Registered Bond Covering
More Than One Maturity)

The Form of Single Fully Registered Bond without coupons covering more than one maturity for Series J Bonds shall be substantially as set forth in First Supplement to Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate the following paragraphs and the terms of the bonds relating to denomination and alternate paying agent, the installment payments and redemption provisions shall correspond to the denominations, alternate paying agent, maturities and redemption provisions provided in the Bond Resolution for the Series J coupon Bonds which that single fully registered bond replaces.

This Bond, designated Dormitory Revenue Bond, Series J (herein referred to as the Bond), is issued in lieu of an issue of a like principal amount of serial coupon bonds of similar designation maturing in the amounts and on the dates of the above installments, bearing interest at the same rate and each in the denomination of \$5,000, and with the above coupon bonds, is authorized to be issued, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board adopted April 8, 1957 and _____, 1968 (herein collectively called the bond Resolution) and the Supplemental Trust Agreement described below, for the purpose of paying the costs of constructing and equipping certain dormitory facilities and repaying advances made for that purpose and is secured by Trust Agreement dated as of April 15, 1957, as supplemented by the First, Second, Third, Fourth and Fifth Supplements between the University and The Ohio National Bank of Columbus as Trustee (herein called the Trust Agreement). This Bond is exchangeable at the sole expense of the University at any time,

Fifth Supplemental Trust Agreement

upon 90 days' notice, at the request of the registered owner hereof and upon surrender of this Bond at the office of the Trustee, together with an assignment and instructions duly executed by the registered owner in such form as shall be satisfactory to the Trustee, for Coupon Bonds authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond, with coupons attached representing all unpaid interest due or to become due thereon, or for single maturity registered bonds without coupons authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond.

In addition to the installments of principal required to be paid by the Board as hereinabove set forth, the Board, at its option, shall have the right to prepay from time to time, or at one time, in whole or in part, on any interest payment date on or after _____ in inverse chronological order of the aforesaid installments the entire then unpaid principal amount hereof, or such lesser portion thereof in multiples of \$5,000 as the Board may determine at the principal amount of such prepayment plus the following premiums (expressed in terms of percentage of amount of such prepayment) plus accrued interest to the date of prepayment; provided, however, that so long as the registered owner hereof shall be the Payee, (1) the Board may, at its option, prepay from surplus proceeds of the sale of this Bond as provided in the Bond Resolution on any interest payment date the entire then unpaid principal amount hereof or from time to time in the inverse chronological order of the aforesaid installments, a lesser portion thereof in multiples of \$5,000 and (2) the prepayments authorized herein may be made at the times provided without premium. Except in the case of prepayment from surplus proceeds from the sale of this Bond as provided in the Bond Resolution, no Bonds of any series may be called or prepayments made pursuant hereto unless the same proportion of the total principal amount of then outstanding bonds of each other series, then callable, are called at the same time.

Notice of any such intended prepayment shall be published by the Trustee on behalf of the University at least once a week for two consecutive weeks, the first publication to be not less than thirty (30) days prior to said redemption date, in a financial newspaper of national circulation published in the English language in the City of New York, New York, and in an English language newspaper of general circulation in the City of Columbus, Ohio. Interest upon the amount of principal as to which notice of prepayment has been given shall cease upon the prepayment

Fifth Supplemental Trust Agreement

date if funds have been deposited with the Trustee on or before such prepayment date in an amount sufficient to make such prepayment.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Trust Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees after provision only for reasonable operating and maintenance expenses thereof.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the Chairman of the Board of Trustees and by the President of the University, and to be attested by the Secretary of the Board of Trustees and to bear a facsimile of the seal of the University, all as of April 15, 1968.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Attest:

By _____
Chairman of the Board of Trustees
of and by The Ohio State University

Secretary of the Board of
Trustees

President of The Ohio State University

(Form of Trustee's Authentication Certificate)

Trustee's Certificate

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by First, Second and Fifth Supplements.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

Fifth Supplemental Trust Agreement

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the 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 considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Trust Agreement and in this Supplement set forth for the equal and proportionate benefit and security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said agreements, without preference, priority or distinction, as to lien or otherwise, of any one bond or coupon over any other by reason of priority in the time of the issue or negotiation thereof or otherwise, except as may be otherwise expressly provided in said Trust Agreement.

AND IT IS HEREBY COVENANTED AND DECLARED by the University with the Trustee and its successors in the trust under the Trust Agreement for the benefit of those who shall hold such Bonds and appurtenant coupons at any time issued and outstanding under the Trust Agreement as follows:

Section 1. Incorporation of Bond Resolution. The Series J Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series J Bonds. The Series J Bonds shall be executed, authenticated and delivered as provided herein, and said Series J Bonds, the coupons to be attached thereto, and the certificate of authentication of the Trustee to be endorsed thereon shall be substantially in the form provided in the preambles hereto with any necessary modifications to conform hereto.

Fifth Supplemental Trust Agreement

Section 3. Proceeds of Sale. The proceeds from the sale of the Series J Bonds shall be applied as provided in the Bond Resolution.

Section 4. 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 Trust Agreement and in this or any other 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 general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

IN WITNESS WHEREOF, the Board of Trustees has caused this Fifth Supplemental Trust Agreement to be executed and its seal to be hereto affixed and The Ohio National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Fifth Supplemental Trust Agreement to be executed and has caused its seal to be hereto affixed all as of the day and year first above written.

(SEAL)

The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest:

Secretary

By _____
President

(SEAL)

And By _____
Chairman of the Board

Attest:

The Ohio National Bank of Columbus,
Trustee

Trust Officer

By _____
Vice President

Fifth Supplemental Trust Agreement

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, 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 its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the Vice President and Trust Officer, respectively, of The Ohio 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 Ohio National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

SUPPLEMENT B

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

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THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

The undersigned respectively, the President and the Fiscal Officer of The Ohio State University (the latter being also the Vice President, Business and Finance of the University) pursuant to Section 6(b) of the Original Bond Resolution adopted April 8, 1957, certify as follows in connection with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

1. That the actual net income from existing dormitory facilities (other than those referred to in 2 below) for the fiscal year ended June 30, 1968, adjusted pursuant to said Section 6(b), is:
(Note 1) \$2,442,991

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series J Bonds consisting of Jones Tower is: (Note 2) 203,984

- Total of Items 1 and 2 above is: \$2,646,975

3. That the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Series A, B, C, D, E, F, G, H, I and J Bonds is: (Note 3) \$1,980,766

4. That the ratio of total of such net income to such maximum annual principal and interest requirements on Series A, B, C, D, E, F, G, H, I and J Bonds is: 1.3363

5. That there was not included in such net incomes net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of the Series J Bonds, nor any receipts against which there is any prior claim other than the use thereof for the operating expenses of the dormitory facilities.

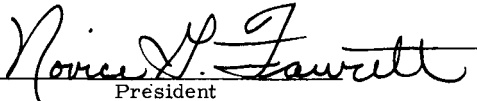
Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1967, as supplemented by First through Fourth Supplemental Trust Agreements. The actual net income for the year ended June 30, 1968, reflects the latest schedule of rates and charges approved by the Board of Trustees on May 9, 1968, and effective at the beginning of the Autumn Quarter of the academic year 1968-69; and gives recognition to changes in operating costs of the dormitory facilities,

Certificate of Earnings Coverage

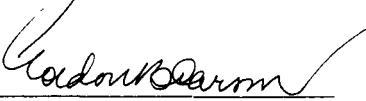
resulting from the review and recomputation of the basis of allocating costs of heat, light, power and water to all auxiliary facilities, including dormitory facilities, by direction of the Board of Trustees pursuant to which the revised reasonable changes therefor to the dormitory facilities are reduced by an estimated \$200,000.

Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. It is certified that Jones Tower will be in operation and revenue producing by September, 1969.

Note 3 Series J Bonds are computed at 3%. Series A through I Bonds are computed on basis of actual interest rates for those bonds.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

Dated: _____, 1968

SUPPLEMENT C

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03(4) of Trust Agreement
Between the University and the Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1967 for Issuance
of \$3,000,000 Dormitory Revenue Bonds, Series J

Page 226 Blank

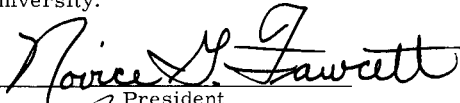
THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03 (4) of Trust Agreement
Between the University and The Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1967 for Issuance
of \$3,000,000 Dormitory Revenue Bonds, Series J

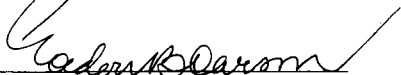
The undersigned respectively, the President and the Vice President,
Business and Finance of The Ohio State University, pursuant to Section 2.03 (4)
of the Trust Agreement between the University and The Ohio National Bank of
Columbus, as Trustee, dated April 15, 1957, certify as follows in connection
with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

- (a) That they know of no existing facts which would be an event of default under the Trust Agreement and that they know of no facts which, on granting of the application for the authentication of the Series J Bonds, would result in the University being in default in the performance of any of the terms or covenants of the Trust Agreement;
- (b) That, in the opinion of the signer thereof, all conditions provided in the Trust Agreement precedent to the granting of said application have been complied with;
- (c) That, since the beginning of the current fiscal year, there has been no material change which would adversely effect the estimates in the Earnings Certificate referred to in Section 6 (b) of the Original Bond Resolution relating to the Series J Bonds; and
- (d) That the proceeds of the Series J Bonds will be sufficient to, and are necessary to, complete the project for which they are issued.

The undersigned further certify that the Vice President, Business and Finance, is the chief financial officer of the University.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

_____, 1968

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SUPPLEMENT D

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1968

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1968

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to _____ or order, _____, the principal sum of _____

on one year from date hereof and to pay, solely from said sources, interest thereon from the date hereof at the rate of _____ percent (%) per annum until payment of such principal sum has been made or provided for, such interest to the maturity hereof being payable on March 15, 1969 and September 15, 1969 or upon prepayment of the principal hereof. The University reserves the right to make prepayment of all or a portion of the principal amount of this note at any time or times without premium or penalties, provided that it may not make such payment through application of the proceeds of refunding notes for a period of one year from the date of this note. The interest on this note and the principal hereof are payable in lawful money of the United States of America at the principal office of _____, Columbus, Ohio, upon the presentation and surrender of this note except for the March semi-annual interest, receipt for which shall be acknowledged by the holder hereof as indicated below. The principal and interest hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio, or other authorizing provision of law, to refund the notes of this issue; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding the presently outstanding \$3,000,000 The Ohio State University Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967 under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the _____ day of _____, 1968.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of dormitory revenue bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio or other provision of law authorizing such bonds or notes, in such principal

The Ohio State University Dormitory Revenue Note, Series 1968

amount as shall be necessary to pay the principal of and interest on the notes of this issue and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions, and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Assistant Treasurer of the University, all as of the fifteenth day of September, 1968.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

(SEAL)

By _____
Assistant Treasurer of The
Ohio State University

Receipt of \$ _____ from The Ohio State University this _____ day of March, 1969, in full satisfaction of the first semi-annual interest payment on the aforesaid note, is hereby acknowledged.

(Signature)

(Title)

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 9, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, October 9, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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October 9, 1968 meeting, Board of Trustees

President Fawcett presented Dr. Edward Q. Moulton, Executive Assistant to the President and Secretary of the Board of Trustees, whose appointment becomes effective November 1, 1968.

Mr. Bricker, Chairman of the Board, responded by extending a warm welcome to Dr. Moulton as he rejoins the administrative staff of The Ohio State University.

President Fawcett presented the following recommendations:

I. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 12, 1968 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, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotions

S. Earl Brown, Professor in the Department of Geography to Assistant Dean in the College of Social and Behavioral Sciences, effective October 1, 1968, at "No Salary" for the year. Dr. Brown will continue to hold his Professorship in the Department of Geography at a salary of \$13,668.00 per annum.

Henry L. Plaine, Professor in the College of Biological Sciences to Assistant Dean in the College of Biological Sciences, effective October 1, 1968, at a salary of \$15,648.00 per annum. Dr. Plaine will continue to hold his Professorship in the Genetics Academic Faculty of the College of Biological Sciences.

B. 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:

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Franklin Monroe Ludden, Professor, School of Art, effective October 1, 1968 through September 30, 1969, for personal reasons.

October 9, 1968 meeting, Board of Trustees

I. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Lewis C. Saboe, Professor (Extension Agronomist), Cooperative Extension Service, effective September 16, 1968 through October 15, 1968, for a study of Vietnam Extension Program.

George J. Demko, Associate Professor, Department of Geography, effective October 1, 1968 through February 28, 1969, to accept a research grant for the study of Russian peasant and worker discontent in revolutions of 1905 and 1917.

James Richard Erickson, Associate Professor, Department of Psychology, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Colorado.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective August 1, 1968 through October 31, 1968, for personal reasons.

Mohammad Haseeb Rizvi, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue research at Stanford University.

D. Emeritus Title

Gladyce E. Scott, University Libraries, with the title Instructor Emeritus, effective October 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the 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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II. GENERAL CONTRACTS AND AGREEMENTS

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

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 following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal

- a1. 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 National Institutes of Health Project No. 865-J - Ext. #10 - College of Pharmacy).
Gross Value - \$23,818.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346-G - Ext. #7 - Department of Surgery).
Gross Value - \$8,368.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Improving Competence of Nursing Faculty in Research (to be known as National Institutes of Health Project No. 1384-D - Ext. #4 - School of Nursing).
Gross Value - \$24,011.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as National Institutes of Health Project No. 1651-E - Ext. #5 - Department of Business Organization).
Gross Value - \$68,558.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Mental Health Administration, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Mental Health Administration Project No. 1779-D - Ext. #4 - Department of Psychology).
Gross Value - \$40,098.00.
- a6. Aeronautical Systems Division, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Aeronautical Systems Division, Research and Technology Division Project No. 2011 - C. O. #8 - Department of Electrical Engineering).
Gross Value - \$132,400.00.

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a7. 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 National Institutes of Health Project No. 2078-C - Ext. #3 - Department of Chemistry).
Gross Value - \$28,402.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-C - Ext. #3 - Department of Pharmacology).
Gross Value - \$20,168.00.
- a9. Agency for International Development, Washington, D. C., Human Resource Development Planning Project for Bolivia (to be known as Agency for International Development Project No. 2176-A - Amend. #4 - Department of Economics).
Gross Value - \$36,600.00.
- a10. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Office of Education Project No. 2361 - Rev. #2 - College of Education).
Gross Value - \$500,000.00.
- a11. National Aeronautics and Space Administration, Washington, D. C., Millimeter-Wavelengths Propagation Studies (to be known as National Aeronautics and Space Administration Project No. 2374 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a12. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (to be known as Department of Air Force, Aeronautical Systems Division Project No. 2382 - C. O. #4 - Department of Electrical Engineering).
Gross Value - \$84,000.00.
- a13. Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through the Plasma Sheath (to be known as Department of Air Force, Air Force Systems Command Project No. 2438 - C. O. #3 - Department of Electrical Engineering).
Gross Value - \$20,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516-A - Ext. #1 - Department of Chemistry).
Gross Value - \$17,854.00.
- a15. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Institutes of Health Project No. 2518-A - Ext. #1 - Department of Physiology).
Gross Value - \$500.00.
- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-A - Ext. #1 - College of Pharmacy).
Gross Value - \$6,408.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525-A - Ext. #3 - Department of Pathology).
Gross Value - \$45,354.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Studies of Erythropoiesis (to be known as National Institutes of Health Project No. 2527-A - Ext. #1 - Department of Medicine).
Gross Value - \$28,835.00.
- a19. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Proposal for a Theoretical Study of Separated Flows at High Reynolds Number (to be known as Aeronautical Systems Division, Air Force Systems Command Project No. 2550 - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a20. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Conditions Leading to Spontaneous Ignition in Flowing Explosive Gas Mixtures (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2618 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$19,692.00.
- a21. Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio, AFIT Defense Weapon Systems Management Seminar (to be known as Air Force Institute of Technology Project No. 2659 - New - Division of Continuing Education, College of Administrative Science).
Gross Value - \$150,000.00.
- a22. Department of the Air Force, Headquarters 2750th Air Base Wing (AFLC), Wright-Patterson Air Force Base, Ohio, Contract Law Course for ADS (to be known as Headquarters 2750th Air Base Wing Project No. 2696 - New - Division of Continuing Education, College of Administrative Science).
Gross Value - \$2,658.00.
- a23. National Science Foundation, Washington, D. C., Econometric Studies of Monetary Processes (to be known as National Science Foundation Project No. 2698 - New - Department of Economics).
Gross Value - \$43,900.00.
- a24. National Science Foundation, Washington, D. C., Differential Reactivity of Nucleic Acids and Their Components With Selective Reagents (to be known as National Science Foundation Project No. 2700 - New - Biochemistry and Molecular Biology).
Gross Value - \$45,000.00.
- a25. 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 National Institutes of Health Project No. 2701 - New - Biochemistry and Molecular Biology).
Gross Value - \$4,426.00.
- a26. National Science Foundation, Washington, D. C., Probability in Series Representation of Functions (to be known as National Science Foundation Project No. 2703 - New - Department of Mathematics).
Gross Value - \$11,200.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a27. National Science Foundation, Washington, D. C., Visual Study of the Flow in the Sublayer of Drag Reducing Polymer and Soap Solutions (to be known as National Science Foundation Project No. 2704 - New - Department of Chemical Engineering).
Gross Value - \$38,900.00.
- a28. National Science Foundation, Washington, D. C., Volcanic Petrology of Deception Island, Antarctica (to be known as National Science Foundation Project No. 2707 - New - Department of Geology).
Gross Value - \$27,500.00.
- a29. National Science Foundation, Washington, D. C., Collaborative Research on Bystander Intervention in Emergency Situations (to be known as National Science Foundation Project No. 2709 - New - Department of Psychology).
Gross Value - \$42,100.00.

TOTAL - Government Contracts - Federal \$1,540,750.00

2. Industrial and Other Contracts

- a1. Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #11 - Institute for Research in Vision).
Gross Value - \$7,425.00.
- a2. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #11 - Biophysics).
Gross Value - \$24,871.00.
- a3. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885-A - Ext. #1 - Institute for Research in Vision).
Gross Value - \$12,613.00.
- a4. American Heart Association, Inc., New York, New York, Heart Research (to be known as American Heart Association, Inc., Project No. 1898 - Ltr. 9/4/68 - Department of Physiological Chemistry).
Gross Value - \$1,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a5. Central Ohio Heart Association, Inc., Columbus, Ohio, The Biochemical Mechanisms Involved in the Initiation of Cardiac Hypertrophy (to be known as Central Ohio Heart Association, Inc., Project No. 2683 - New - Department of Medicine).
Gross Value - \$6,825.00.
- a6. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Anoxia-Ischemia on Brain Lysosomal Enzymes (to be known as Central Ohio Heart Association, Inc., Project No. 2684 - New - Department of Medicine).
Gross Value - \$6,974.00.
- a7. Central Ohio Heart Association, Inc., Columbus, Ohio, A Relationship of Sympathetic Nerve Activity to the Cardiovascular Changes Associated With Induced Hypocapnia (to be known as Central Ohio Heart Association, Inc., Project No. 2685 - New - Department of Surgery).
Gross Value - \$7,198.00.
- a8. Central Ohio Heart Association, Inc., Columbus, Ohio, The Myocardial Localization of Cardiovascular Drugs (to be known as Central Ohio Heart Association, Inc., Project No. 2686 - New - Department of Pharmacology).
Gross Value - \$7,493.00.
- a9. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Catecholamines on Myocardial Cell pH (to be known as Central Ohio Heart Association, Inc., Project No. 2687 - New - Department of Physiology).
Gross Value - \$6,597.00.
- a10. Central Ohio Heart Association, Inc., Columbus, Ohio, Histological Study of Human Cardiac Conduction System (to be known as Central Ohio Heart Association, Inc., Project No. 2688 - New - Department of Anatomy).
Gross Value - \$4,988.00.
- a11. Central Ohio Heart Association, Inc., Columbus, Ohio, The Identification of Sequential Myocardial Ultrastructural Changes Induced by Experimental Acute and Chronic Ischemia and Hypoxia (to be known as Central Ohio Heart Association, Inc., Project No. 2689 - New - Department of Medicine).
Gross Value - \$7,500.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a12. Central Ohio Heart Association, Inc., Columbus, Ohio, A Study of Aortic Distensibility in Intact Dogs (to be known as Central Ohio Heart Association, Inc., Project No. 2690 - New - Department of Physiology).
Gross Value - \$6,505.00.
- a13. Central Ohio Heart Association, Inc., Columbus, Ohio, Stimulation of ATP Generation in the Anoxic Myocardium (to be known as Central Ohio Heart Association, Inc., Project No. 2691 - New - Department of Medicine).
Gross Value - \$6,947.00.
- a14. Raytheon Company, Missile Systems Division, Bedford, Massachusetts, Services Rendered to Raytheon Company (to be known as Raytheon Company Project No. 2692 - New - Department of Electrical Engineering).
Gross Value - \$1,473.00.
- a15. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Uterine Isochemia Upon Blood Pressure in the Pregnant Dog (to be known as Central Ohio Heart Association, Inc., Project No. 2693 - New - Department of Medicine).
Gross Value - \$7,497.00.
- a16. Central Ohio Heart Association, Inc., Columbus, Ohio, Autonomic Nervous Control of the Human Heart (to be known as Central Ohio Heart Association, Inc., Project No. 2694 - New - Department of Medicine).
Gross Value - \$7,469.00.
- a17. Central Ohio Heart Association, Inc., Columbus, Ohio, Adenine Nucleotide Preservation in Anoxic Myocardium as Related to Post-Anoxic Recovery (to be known as Central Ohio Heart Association, Inc., Project No. 2695 - New - Department of Physiological Chemistry).
Gross Value - \$7,468.00.
- a18. American Chemical Society, Petroleum Research Fund, Washington, D. C., Synthesis and Reactions of Parallel Overlapping Acetylenes (to be known as American Chemical Society Project No. 2697 - New - Department of Chemistry).
Gross Value - \$24,000.00.

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

a19. Tennessee Copper Co., Copperhill, Tennessee, Age of the Ore Deposits of the Ducktown District, Tennessee (to be known as Tennessee Copper Company Project No. 2705 - New - Department of Geology).
Gross Value - \$2,641.00.

a20. Saginaw Board of Education, Saginaw, Michigan, The Ohio State University - City of Saginaw School District Evaluation Program (to be known as Saginaw Board of Education Project No. 2710 - New - College of Education).
Gross Value - \$60,509.00.

TOTAL - Industrial and Other Contracts \$217,993.00

The foregoing forty-nine contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,758,743.00.

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

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

During the period from August 22, 1968 through September 26, 1968, 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

SC 48 University Civil Defense Program, Office of Civil
Ext. #3 Defense, Department of the Army, Washington, D. C.
Gross Value - \$63,659.00.

EES 315X Development of Methodology for Evaluating Road Signs,
Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$76,500.00.

ST5X Fire Safety Design in Buildings, Ohio Board of Regents,
Columbus, Ohio.
Gross Value - \$3,000.00.

TOTAL - Government Research Contracts \$143,159.00

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contract

EES 320X Sonic Power Deformation of Metals, American Society
of Tool & Manufacturing Engineers, Dearborn, Michigan.
Gross Value - \$7,500.00.

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$150,659.00.

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III. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
September 12, 1968, and were reported for the record. Appropriate expressions
of appreciation have been conveyed to the donors:

A. Administered Through the Office of Business and Finance

1. \$4,519,062.00 granted by Department of Health, Education and Welfare,
Public Health Service, Bureau of Health Manpower, 800 North Quincy
Street, Arlington, Virginia 22203, to the University for construction
of teaching facilities in the College of Veterinary Medicine. This grant
is made under Title VII, Part B, of the Public Health Service Act.
(Grant No. 1-J02-PM-00396-01)
2. \$29,174.00 granted by Department of Health, Education and Welfare,
Office of Education, Washington, D. C. 20202, to the University for
"Agricultural Occupations Program Development in Area Vocational
Schools," under the direction of the Department of Agricultural
Education, for the period April 1, 1968 through March 31, 1969.
(Grant No. OEG-0-8-070773-3531)
3. \$25,989.00 granted by Department of Health, Education and Welfare,
Office of Education, Washington, D. C. 20202, to the University for
"Interdisciplinary Workshop for Special Education and Vocational
Education Teachers," under the direction of the Center for Vocational
and Technical Education, for the period June 28, 1968 through
December 31, 1968. (Grant No. OEG-8-080845-5664)
4. \$18,000.00 from Battelle Memorial Institute for the Battelle Professor-
ship of Metallurgy in the Department of Metallurgical Engineering.

TOTAL - Administered Through the Office of Business and Finance -
\$4,592,225.00

III. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$52,500.00 from The Ohio State University/Lima Campus Sustaining Committee for the establishment of the Lima Campus/O.S.U. Fund.

Lima Campus/O.S.U. Fund

The Lima Campus/O.S.U. Fund was established October 9, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Ohio State University/Lima Campus Sustaining Committee.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The annual income is to be used by the University Scholarship Committee to provide scholarships to students attending the Lima Campus who are recommended by the Director of the Lima Campus. Any gifts from The Ohio State University/Lima Campus Sustaining Committee deposited in this endowment fund may be used to purchase additional land and to make other capital improvements at the Lima Campus, on the recommendation of said Committee.

2. \$22,365.00 from the Estate of Milton R. Byerly for the establishment of the Milton R. Byerly Scholarship Fund.

Milton R. Byerly Scholarship Fund

The Milton R. Byerly Scholarship Fund was established October 9, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University from the late Milton R. Byerly, B.Sc. in Edu. '32, M.A. '38, formerly of Columbus, Ohio.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for undergraduate scholarships to students in the College of Education who are in the teaching/training program.

Should the need for these scholarships 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 in the field of education, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for teacher education.

3. \$21,380.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

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

4. \$12,000.00 from the Ohio Lions Club for the Ohio Lions Club Blindness Research Fund.
5. \$8,400.00 from The International Nickel Company of Canada, Limited, for the International Nickel Company Fellowship Fund.
6. \$5,825.14 from the Newark-O.S.U. Development Fund for the Newark Campus Scholarship Endowment Fund.
7. \$5,250.00 from The Rockefeller Foundation, New York, New York, as an unrestricted gift to the University.
8. \$5,000.00 from William P. and Pauline J. Deisel Scholarship Loan Trust, Lima, Ohio, for the William P. and Pauline J. Deisel Scholarship Loan Fund.
9. \$5,000.00 from Smith Kline & French Foundation, Philadelphia, Pennsylvania, for the College of Veterinary Medicine - Dean's Education and Research Fund.
10. \$5,000.00 from the General Electric Company, Ossining, New York, for the General Electric Graduate Research and Study Grant Fund in Aeronautical and Astronautical Engineering.
11. \$3,375.00 from United Health Foundation, Inc., Research for the United Health Foundation of Central Stark County.
12. \$2,599.25 from Hercules, Incorporated, Wilmington, Delaware, for the Hercules Fund for Chemistry.
13. \$2,500.00 from Chrysler Corporation Fund, Detroit, Michigan, for the Chrysler Corporation Fellowship Fund.
14. \$2,500.00 from Forging Industry Educational and Research Foundation (in the names of David and Earl 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 Forging Industry Educational and Research Foundation Fund.
15. \$1,879.86 from The Ohio State University-Newark Campus for the Newark Campus Scholarship Endowment Fund.
16. \$1,500.00 from The Hildreth Foundation, Inc. (in the name of Gordon E. Hildreth) for the Student Athlete Grant-in-Aid Fund.
17. \$1,000.00 from Denman Rubber Manufacturing Company (in the name of James H. Hoffman) for the University Relations Discretionary Fund.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

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

18. \$500.00 from Dr. Mars G. Fontana for the establishment of the Mars G. Fontana Scholarship in Metallurgical Engineering.

Mars G. Fontana Scholarship in Metallurgical Engineering

The Mars G. Fontana Scholarship in Metallurgical Engineering was established October 9, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Mars G. Fontana, Chairman of the Department of Metallurgical Engineering and Regents' Professor.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for a scholarship to a student enrolled in the Department of Metallurgical Engineering. In the event that a scholarship is not awarded in any given year, the annual income is to be added to the principal of the endowment fund. The donor reserves the right to change the purpose of this fund at some future date in order to endow a professorship rather than a scholarship.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should 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 recommendations from the appropriate administrative official of the University who is then directly responsible for metallurgical engineering education.

TOTAL - Received Through The Ohio State University Development Fund -
\$158,574.25

C. Gifts-in-Kind

1. A gift of welding equipment from Walker Machinery Company for use by the Department of Welding Engineering.
2. A gift of irrigating equipment from Lakeshore Equipment & Supply Company for use in the College of Agriculture and Home Economics.

Upon motion of Dr. Thomas, 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.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In August, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,832	\$ 49,267.78
Individuals other than alumni	107	18,837.92
Nonprofit organizations	44	121,185.18
Business concerns	23	<u>29,645.31</u>
	<u>2,006</u>	<u>\$218,936.19</u>

Of these gifts, 1,369 totaling \$12,548.42 were undesignated and 637 totaling \$206,387.77 were designated.

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IV. PLANS AND SPECIFICATIONS

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

A. Mershon Auditorium - Interior Wall Restoration

This project will provide patch plastering and painting in several areas of the building.

Funds will be provided from Budget Account 124358 Contract Repair.

Upon motion of Mr. Ketterer, seconded by Mr. France, 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.

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V. 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:

October 9, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. Derby Hall Computer Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 9-17-68)		
Holzappel Construction Co. (Gahanna, Ohio)	\$ 7,810.00	\$ 10,500.00
<u>Mechanical Contract</u>		
(7 bids received 9-17-68)		
L. R. Patrick, Inc. (Columbus)	20,799.00	21,500.00
<u>Electric Contract</u>		
(1 bid received 9-17-68)		
Reco Electric (Columbus)	<u>9,400.00</u>	<u>13,000.00</u>
<u>Total All Contracts</u>	<u>\$ 38,009.00</u>	<u>\$ 45,000.00</u>

Funds for this project are provided from a transfer from Budget Account 189999 (General Reserve) to Budget Account 801158 (Construction Account for Derby Hall Computer Facility).

B. Lord Hall, Denney Hall, Brown Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 10-3-68)		
Holzapfel Construction Co. (Gahanna, Ohio)		
Base Bid	\$ 41,544.00	\$ 60,200.00
Alt. G-1 Carpet Denney Hall	2,183.00	3,500.00
Alt. G-2 Carpet Brown Hall	746.00	800.00
Total	<u>\$ 44,473.00</u>	<u>\$ 64,500.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(7 bids received 10-3-68)		
Piping Contractors Co. (Columbus)		
Base Bid	<u>\$ 42,221.00</u>	<u>\$ 47,480.00</u>
<u>Plumbing Contract</u>		
(5 bids received 10-3-68)		
The Kuempel Co. (Columbus)		
Base Bid	<u>\$ 9,690.00</u>	<u>\$ 11,100.00</u>

October 9, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

B. Lord Hall, Denney Hall, Brown Hall Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received)		
Reco Electric, Inc. (Columbus)		
Base Bid	\$ 38,399.00	\$ 51,970.00
Alt. E-1 Electric Panel, Brown Hall	<u>1,838.00</u>	<u>1,075.00</u>
Total	<u>\$ 40,237.00</u>	<u>\$ 53,045.00</u>
 <u>Total All Contracts</u>	 <u>\$136,621.00</u>	 <u>\$176,125.00</u>

Funds for this project will be provided from Budget Account 801165 (Construction Account for Brown Hall Remodeling), Budget Account 801166 (Construction Account for Lord Hall Remodeling) and Budget Account 801167 (Construction Account for Denney Hall Remodeling).

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

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VI. CONTROLLING BOARD APPROVAL

The numbered request shown below accomplishes the following purpose:

- 5 Approves the acquisition of property known as Lot No. 40, Second Wood-Brown Co. Addition, Clinton Township, Franklin County, Ohio, and commonly known as 2475 Wood Avenue.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Supplemental Retirement Benefits

President Fawcett presented the following resolution:

BE IT RESOLVED, that the resolution of the Board of Trustees as adopted on July 8, 1957, and amended on February 6, 1959, be further amended to provide that the five principal administrative officers now receiving retirement benefits under the above resolutions adopted by the Board of Trustees be increased 12 1/2 per cent, effective October 1, 1968, to help equalize cost of living increases which have occurred.

Funds for such added compensation shall be provided from the emeritus salary account (Budget Account 539001).

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

October 9, 1968 meeting, Board of Trustees

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

B. Haskett Hall Remodeling, Employment of Architects

President Fawcett recommended that the engineering firm of Fosdick and Hilmer be employed to prepare a mechanical engineering feasibility study on the remodeling of Haskett Hall, including a completely new air conditioning and heating system; all new electrical work, including relighting of the building; and required plumbing and new sanitary fixture installations.

It is understood that if this project progresses beyond the feasibility stage, this firm will be employed for the mechanical engineering work in accordance with the standard fee schedule.

The fee for this work will be calculated on a time-cost basis of 2.1 times the salaries of the men employed on the work plus normal mileage charges to and from Columbus, for a sum not to exceed \$3,200.00. Funds will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801168 (Construction Account for Haskett Hall Remodeling).

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

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VIII. REPORTS

A. Report on the National Science Foundation Ceiling

President Fawcett made the following report:

All of us are aware of the fiscal requirements faced by the Federal government as a result of Congressional budgetary action. In anticipation of a reduction in Federal research support, the University has made a major and a successful effort to obtain new grants in the hope that the total receipt of dollars in support of research would remain about the same. We have now been informed by the National Science Foundation of the imposition of an expenditure ceiling on NSF funds--a ceiling based on 1968 expenditures rather than upon 1969 grants and contracts. This method of imposing a ceiling upon expenditures provides more problems for institutions with growing programs than for those in a stable position and appears to us to penalize progress.

While we have made plans to adjust to the loss of almost \$1 million in anticipated receipts from National Science Foundation, we are also preparing a strong request for an adjustment in our ceiling. National Science Foundation has indicated its willingness to receive such requests and the University intends to pursue this matter with vigor. I will keep you informed of the success of our efforts to obtain an adjustment which will reflect in an equitable way the outstanding growth of our research capability.

October 9, 1968 meeting, Board of Trustees

VIII. REPORTS (continued)

B. Report on Student Enrollment and Student Housing for Autumn Quarter, 1968

President Fawcett reported on the projected student enrollment as of the fourteenth day after the beginning of classes for the Autumn Quarter, 1968, and the occupancy in student residence halls for the Autumn Quarter, 1968. He noted that

- (1) The first quarter freshmen enrollment has increased by 471 students on the Columbus Campus (7,500 in 1968 compared to 7,029 in 1967). This increase is due primarily to the additional number of freshmen honor scholars (almost 100) and the additional number of well-qualified out-of-state students.
- (2) The increase in returning undergraduates on the Columbus Campus is 1,725 (24,700 in 1968 compared to 22,975 in 1967) and is indeed significant. This increase is influenced by the larger freshman class in 1967, a higher retention rate and increased number of transfer students from other colleges and universities.
- (3) The Graduate School enrollment has reached an all-time high of 6,715 on the Columbus Campus, an increase of 444 over 1967. In addition 510 students are enrolled at the Wright-Patterson Graduate Center in Dayton.
- (4) In the Professional Schools, the total enrollment is projected to be 2,491 in 1968 as compared to 2,559 in 1967. The decrease in enrollment is due to a drop in the number enrolled in the College of Law, which decrease is attributed to the effect of the Selective Service Act.
- (5) The enrollment on the regional campuses for 1968 is predicted to be 3,343 as compared to 3,372 for 1967. The President reported that the enrollments on the regional campuses--Lima, Marion and Newark--have increased slightly, while the enrollment on the Mansfield Campus has decreased significantly. The President explained that the loss is due to no increase in the number of high school graduates in the area and a loss in the percentage of graduates attending the Mansfield regional campus due to increased competition from other colleges and the Marion regional campus whose commuting zone overlaps the commuting zone to Mansfield.

In summary, the President reported that the total enrollment of The Ohio State University is expected to reach 45,259, with an increase of 2,559 students over 1967.

October 9, 1968 meeting, Board of Trustees

VIII. REPORTS (continued)

B. Report on Student Enrollment and Student Housing for Autumn Quarter, 1968
(continued)

Occupancy in Student Residence Halls--President Fawcett reported that as of October 1, 1968, there were 11,716 students housed in University residence halls and that this number is within 10 of the number of spaces planned for housing students (11,726) this Autumn Quarter. He stated further that

Because of the knowledge that the enrollment at the freshmen and sophomore level would not provide enough students to fill all of the residence halls, four floors in Lincoln Tower were not made available to students and Archer House was transferred for use by the Division of Continuing Education. Also, it was planned not to assign 56 spaces in Morrill Tower to provide more adequate space for freshmen honor scholars living on the four floors of Morrill Tower. We have, therefore, more than 650 living spaces in University residence halls not assigned to students in the Autumn Quarter, 1968. For those who question the parietal rule, it should be abundantly clear that the University has not extended itself beyond the planned occupancy of students in the residence halls this year. It would appear also that the parietal rule may need to be continued for next year if we are to fulfill our debt retirement obligation to bondholders.

C. Highlights of University Activities

President Fawcett reported to the Board on some of the significant 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. The University welcomed some 500 new faculty and staff members at its annual Newcomers Orientation Program on September 30, 1968, in Mershon Auditorium.
2. The President's Annual Report for 1968 to the citizens of Ohio appeared September 29, 1968, as a pictorial supplement in the eight major Sunday newspapers of the state. The press run, 2,145,000 copies, is believed possibly the largest circulation ever given an annual report by an institution of higher education. Titled "The Ohio State University--What's In It for Me?", the publication represented an effort to bring home to the people of Ohio what they are getting for their tax dollars invested in the support of education at Ohio State.
3. Don Scott Field is becoming one of Ohio's busiest airports. A total of 124,767 takeoffs and landings for the first eight months of the year for an average of 14,500 operations a month since January 1, 1968, have been reported.

October 9, 1968 meeting, Board of Trustees

VIII. REPORTS (continued)

C. Highlights of University Activities (continued)

4. As a part of an administrative reorganization of the Office of Educational Services, Dr. John T. Bonner, Jr., Vice President for Educational Services, is assuming personal responsibility for the coordination of all learning resources. Learning resources include the University Libraries, the Telecommunications Center, the Listening Center, the Teaching Aids Laboratory and the educational service program of the Department of Photography and Cinema.
5. Under the supervision of the Office of the Dean of Students, extensive instruction in fire survival and control has been included this year in training of residence hall personnel. The State Fire Marshal's Office, Columbus Fire Department and campus fire officials participated in training sessions for about 250 personnel who included residence hall directors, student personnel assistants (graduate students on residence hall staffs) and resident advisers.
6. The University has begun operation of a new, more powerful third-generation computer, an IBM 360, as its main research and instructional computer. The computing machinery occupies the fifth floor of the new Systems Engineering Building and the Computer Center staff has moved its offices from the Research Center to the fourth floor of the new building.
7. A special 24-page homecoming edition of the Ohio State Lantern will be published October 19 by some of the most prominent American journalists on assignments in the United States and abroad. Editors and staff writers for the special edition are former student staff members of the Lantern who are sending dispatches in the form of columns and articles.

D. Report on the University's Investment Portfolio

The report dated October 8, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, November 14, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

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

Columbus, Ohio, November 14, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, November 14, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal for Revision of Curricula Leading to Eleven New Baccalaureate Degrees in the College of Engineering and Two New Professional Degrees

The Faculty Council on October 8, 1968, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the request for a major revision of the curricula in the College of Engineering. This request included changing (1) to a four-year curriculum, (2) name of the degree to be granted and (3) an advanced professional degree program.

The reorganized programs place greater emphasis on, and offer more opportunity for, post-baccalaureate study for those engineering students preparing for professional practice in engineering. These changes will provide greater flexibility in the years ahead for students who want to strengthen their preparation for careers in the new and more sophisticated areas of professional practice. The new programs in engineering will afford opportunities for students who plan careers in design, development and other areas of engineering practice to obtain advanced professional education comparable to that which has been available traditionally for those students who are oriented more toward research and teaching. They will also give the college basic programs in engineering which are consistent with well-established trends in engineering education and with recommendations of the recently completed GOALS Study of Engineering Education.

The adoption of eleven new baccalaureate degrees to be awarded upon completion of the four-year prescribed programs in the College of Engineering as they are changed will be:

From five-year curricula leading to	To four-year curricula leading to
Bachelor of Aeronautical and Astronautical Engineering	Bachelor of Science in Aeronautical and Astronautical Engineering
Bachelor of Agricultural Engineering	Bachelor of Science in Agricultural Engineering
Bachelor of Ceramic Engineering	Bachelor of Science in Ceramic Engineering
Bachelor of Chemical Engineering	Bachelor of Science in Chemical Engineering
Bachelor of Civil Engineering	Bachelor of Science in Civil Engineering
Bachelor of Electrical Engineering	Bachelor of Science in Electrical Engineering
Bachelor of Industrial Engineering	Bachelor of Science in Industrial Engineering
Bachelor of Mechanical Engineering	Bachelor of Science in Mechanical Engineering
Bachelor of Metallurgical Engineering	Bachelor of Science in Metallurgical Engineering

November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Proposal for Revision of Curricula Leading to Eleven
New Baccalaureate Degrees in the College of Engineering
and Two New Professional Degrees (continued)

From five-year curricula leading to	To four-year curricula leading to
Bachelor of Science in Physics	Bachelor of Science in Engineering Physics
Bachelor of Welding Engineering	Bachelor of Science in Welding Engineering

The present five-year degree will be available through June Commencement, 1974, and will be phased out with the introduction of the new four-year degree.

An advanced professional degree program leading either to the degree Electrical Engineer or Mechanical Engineer and administered by the College of Engineering will be inaugurated. These programs will consist of a one-year sequence of requirements (minimum of 45 hours) beyond the level of achievement represented by The Ohio State University bachelor's program.

The post-baccalaureate study will continue the existing Master of Science program administered through the Graduate School in addition to establishing the new advanced professional program administered through the College of Engineering.

President Fawcett recommended that the above proposal for revising the curricula and the names of the degrees in the College of Engineering and the establishment of two new professional degrees as recommended by the Faculty Council be approved. It was recommended further that the said new programs and degrees become effective immediately.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the above recommendations were approved by unanimous voice vote.

B. Administrative Identification of "School" of Art Be Discontinued

The Faculty Council on October 8, 1968, approved the proposal from the Council on Academic Affairs that the School of Art be abolished effective retroactively to July 1, 1968.

Following a reorganization of the College of The Arts in which a Division of Art Education, Division of the History of Art, Division of Design and Division of Art were established within the new college and subsequently approved by the Council on Academic Affairs and the Faculty Council, it was necessary to abolish the currently known School of Art as it has been reorganized for several years.

President Fawcett recommended therefore that the action of the Faculty Council be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Centennial Celebration for The Ohio State University

Plans have been under way for the last two years for the observance of the University's centennial celebration. A committee was appointed with Vice President Alfred B. Garrett as Chairman, and this committee has been engaged in preliminary planning for this observance to commemorate Ohio State's establishment as the "Ohio Agricultural and Mechanical College" by act of the Ohio General Assembly in 1870. A detailed report concerning the plans developed to date will be presented by Dr. Garrett at the December 12, 1968 meeting of the Board of Trustees.

President Fawcett recommended that the accompanying centennial symbol (page 261) be accepted for use during this celebration.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

D. Naming of Building

Upon the recommendation of a special committee of the Newark Campus of The Ohio State University, and with the concurrence of Dean Richard H. Zimmerman, University College, it is proposed that the first building on the Newark Campus be named "Founders' Hall."

This proposal has the concurrence of the President's Cabinet and is in accordance with the Bylaws of the Board of Trustees. President Fawcett recommended that said proposal be approved.

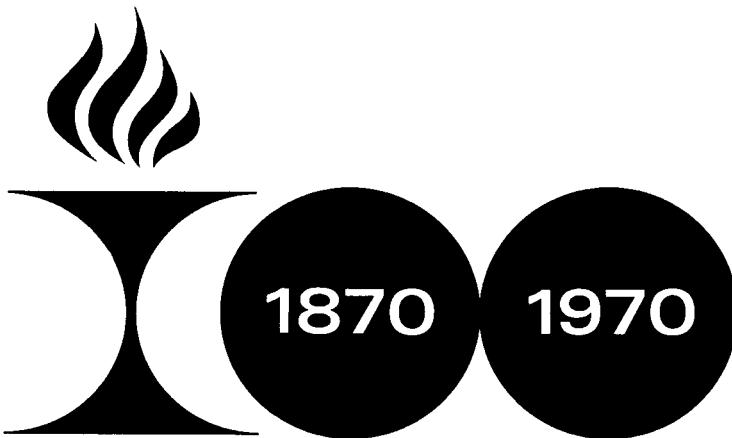
Upon motion of Dr. Thomas, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Modification of Master Plan

It is proposed that the official comprehensive master plan map adopted by the Board of Trustees on February 16, 1962, and subsequently amended on seven occasions be further modified in the following ways and for the reasons indicated:

1. Recent studies by the Division of Campus Planning propose relocation of certain buildings to serve education and the social and behavioral sciences in the northeast sector of the central academic area in keeping with the master plan guidelines to group related disciplines. The master plan map should now be modified to show these changes plus minor relocations of buildings elsewhere on the campus which relate to these changes.
2. Planning studies have been completed by the Division of Campus Planning and the Medical Center planning consultant which reflect final design of five buildings (Nursing, Basic Sciences, Biological Sciences, Dodd Hall Addition and Allied Medical Professions), design studies for two others (Mental Retardation and Health Sciences Library) and the location of other proposed Medical Center facilities.

November 14, 1968 meeting, Board of Trustees



November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Modification of Master Plan (continued)

In addition, these planning studies specify various changes in the location of parking, service and circulation elements in the Medical Center. The Medical Center portion of the master plan map should now be revised to indicate these modifications.

3. The Division of Campus Planning has completed minor planning studies dealing with (a) updating the master plan map in terms of new information about the design or construction of various projects, (b) correcting building or area designations and (c) reflecting development decisions made since the master plan map was last revised. In addition, minor changes are proposed in plan details in order to increase the clarity, the logic and the workability of the master plan map. The master plan map should now be revised to show these corrections and detail improvements.

The changes described above are shown on the accompanying map, dated November 14, 1968, and are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 1962.

President Fawcett recommended that the Board of Trustees now approve the master plan changes as depicted on the accompanying map, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the accompanying map 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. Dunlap, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

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II. PERSONNEL CHANGES

A. Appointment of Vice President for University Development

President Fawcett in presenting the recommendations for changes in personnel indicated that at the July 11, 1968 meeting of the Board he had discussed the need for a realignment of administrative personnel. At that time, the Board took action to establish the position of Vice President for University Development. In accordance with this action of the Board, the following appointment was recommended:

Robert G. Smith be appointed Vice President for University Development, effective February 3, 1969, at a salary of \$27,648.00 per annum.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the appointment of the new Vice President for University Development was approved by unanimous roll call vote.

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Amendment to Rules for the University Faculty

Pursuant to the foregoing recommendation for the appointment to the newly created Vice Presidential position, President Fawcett recommended that the following Rule 11.1105 be added to the Rules for the University Faculty:

Rule 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 necessary authority for: the coordination of all aspects of general university development, including the coordination of all university and related offices involved in as well as assisting the President in his responsibility for, resource development, fund raising, financial support, public relations, community relations, alumni affairs, governmental liaison, legislative relations, and internal and external communications.

*Rule initiated by Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Board of Trustees approved the adoption of the above Rule 11.1105 by unanimous voice vote, and the Secretary was authorized to include this Rule in the Rules for the University Faculty.

In addition to the foregoing personnel recommendation, President Fawcett recommended that all personnel changes since the October 9, 1968 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following additional faculty Appointment, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

C. Appointment

Gordon E. Gatherum, Professor in the School of Natural Resources, and Professor in the Cooperative Extension Service, effective January 20, 1969, at a salary of \$19,344.00 per annum for 85 per cent of full time. Dr. Gatherum will hold the academic rank of Professor and Chairman in the Department of Forestry at the Ohio Agricultural Research and Development Center for 15 per cent of full time.

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Promotion

Harold Dean Bauman, Assistant to Coordinator AID/India and AID/Brazil to Assistant Dean in the College of Agriculture and Home Economics, effective October 1, 1968, at a salary of \$13,896.00 per annum for 80 per cent of full time. Dr. Bauman will hold a joint appointment at the Ohio Agricultural Research and Development Center for 20 per cent of full time. Dr. Bauman will continue to hold an academic appointment as Assistant Professor in the Department of Agricultural Economics and Rural Sociology at No Salary.

E. 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:

Ralph A. Porterfield, Associate Professor (Extension Specialist, Dairy Science), effective January 1, 1969 through March 15, 1969, to participate in a program of professional improvement at The Ohio State University.

F. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective September 23, 1968 through October 22, 1968, to prepare a proposal for extension of the Ford Foundation Grant to the Department of Agricultural Engineering for work in the Punjab Agricultural University, India.

John L. Livingstone, Associate Professor, Department of Accounting, effective January 1, 1969 through March 31, 1969, to serve as a Visiting Professor at Catholic University, Valparaiso, Chile.

Olin W. Mintzer, Associate Professor, Department of Civil Engineering, effective November 1, 1968 through November 30, 1968, to do research for the Geographic Sciences Division, U. S. Army, Engineer Topographic Laboratories, Fort Belvoir, Virginia.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective November 1, 1968 through December 31, 1968, for personal reasons.

Fred R. Plecha, Clinical Assistant Professor, Department of Surgery, effective October 1, 1968. (Military Leave)

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Leaves of Absence Without Salary (continued)

Robert S. Brown, Instructor (County Extension Agent, 4-H) Lawrence County, effective September 11, 1968. (Military Leave)

William W. Hunter, Instructor, Department of Radiology, effective October 1, 1968 through January 15, 1969, to serve as a consultant with Philips-Duphar Laboratories, Petten, Holland.

G. Emeritus Title

William Frederick Shepard, School of Allied Medical Professions, with the title Assistant Professor Emeritus, effective November 1, 1968.

Upon motion of Dr. Thomas, seconded by Mr. Hilliker, the Appointment, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the 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. GENERAL CONTRACTS AND AGREEMENTS

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

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 Contracts - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-I - Sup. #1 - Department of Physiology).
Gross Value - \$2,468.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a2. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as National Institutes of Mental Health Project No. 887-J - Ext. #10 - Department of Psychology).
Gross Value - \$31,271.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Ext. #8 - Department of Medicine).
Gross Value - \$387,436.00.
- a4. Department of Navy, Office of Naval Research, Washington, D. C. , Infrared Spectra and Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #12 - Department of Physics).
Gross Value - \$10,800.00.
- a5. Department of Navy, Office of Naval Research, Washington, D. C. , Basic Research on the Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Office of Naval Research Project No. 1386 - Amend. #11 - Department of Metallurgical Engineering).
Gross Value - \$19,000.00.
- a6. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Post-operative Recovery Mechanisms and Retention (to be known as National Institutes of Mental Health Project No. 1470-F - Ext. #6 - Department of Psychology).
Gross Value - \$20,051.00.
- a7. 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 National Institutes of Health Project No. 1501-F - Ext. #6 - Department of Chemistry).
Gross Value - \$56,572.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a8. 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 National Institutes of Health Project No. 1640-E - Ext. #5 - Department of Chemistry).
Gross Value - \$22,628.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Factors Controlling Testicular Tissue Metabolism (to be known as National Institutes of Health Project No. 1786-E - Ext. #5 - Department of Dairy Science).
Gross Value - \$41,380.00.
- a10. Department of Army, U. S. Army Medical Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as U. S. Army Medical Research and Development Command Project No. 1857 - Mod. #8 - Department of Preventive Medicine).
Gross Value - \$70,035.00.
- a11. U. S. Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C., Concentration of Chemicals by Flocc Forming Organisms (to be known as Federal Water Pollution Control Administration Project No. 2088-C - Ext. #3 - Microbial and Cellular Biology).
Gross Value - \$24,912.00.
- a12. 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 National Institutes of Health Project No. 2090-C - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$24,201.00.
- a13. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Mental Health Project No. 2207-B - Ext. #2 - Department of Psychology).
Gross Value - \$5,400.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a14. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Corrosion Cracking of Metallic Materials (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2223 - C. O. #6 - Department of Metallurgical Engineering).
Gross Value - \$50,000.00.
- a15. National Science Foundation, Washington, D. C., Monographic Study of the Gyponinae of the World (to be known as National Science Foundation Project No. 2334 - Amend. #1 - Entomology).
Gross Value - \$3,500.00.
- a16. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Scattering of Electromagnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2415 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$47,500.00.
- a17. 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 Division of Research Facilities and Resources Project No. 2439-A - Ext. #1 - College of Pharmacy).
Gross Value - \$11,330.00.
- a18. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #7 - Research Foundation).
Gross Value - \$260,000.00.
- a19. 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 National Institutes of Health Project No. 2507-A - Ext. #2 - Department of Medicine).
Gross Value - \$387,256.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a20. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research and Development, Bethesda, Maryland, Primary Prevention of Coronary Heart Disease (to be known as National Center for Health Services Research and Development Project No. 2511-A - Ext. #1 - Department of Preventive Medicine).
Gross Value - \$488,846.00.
- a21. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Factors Affecting Erythrocyte Destruction in Malaria (to be known as U. S. Army Medical Research and Development Command Project No. 2515 - Mod. #2 - Microbial and Cellular Biology).
Gross Value - \$14,238.00.
- a22. Department of Transportation, Federal Railroad Administration, Washington, D. C., The Aerodynamic Resistance of Vehicles Traveling at High Speeds Through Long Tubes (to be known as Federal Railroad Administration Project No. 2635 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$9,963.00.
- a23. Department of the 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 Air Force Institute of Technology Project No. 2638 - Mod. #1 - Division of Continuing Education, College of Administrative Science).
Gross Value - \$100,000.00.
- a24. Department of Health, Education and Welfare, U. S. Office of Education, Washington, D. C., An Evaluative Study of the Effectiveness of the US/AID Regional College Program for the Improvement of Secondary School Teacher Education in India (to be known as Office of Education Project No. 2702 - New - College of Education).
Gross Value - \$9,998.00.
- a25. United States Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Theoretical and Experimental Investigation of Hypersonic Similitude Studies for Slender Bodies in Non-Equilibrium Flows (to be known as Aeronautical Systems Division Project No. 2706 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$40,500.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a26. Department of the Army, Aberdeen Proving Ground, Maryland, Program of Research in the Study, Analysis and Design of Special Antenna Configurations (to be known as Department of the Army Project No. 2708 - New - Department of Electrical Engineering). Gross Value - \$25,075.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Blindness, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as National Institutes of Health Project No. 2711 - New - Department of Ophthalmology). Gross Value - \$30,145.00.
- a28. National Science Foundation, Washington, D. C., Local Equilibrium and Diffusion in Multiphase Couples (to be known as National Science Foundation Project No. 2713 - New - Department of Metallurgical Engineering). Gross Value - \$37,200.00.
- a29. National Science Foundation, Washington, D. C., Pedology and Glacial Geology of Wright Valley, Antarctica (to be known as National Science Foundation Project No. 2714 - New - Institute of Polar Studies). Gross Value - \$30,700.00.
- a30. National Science Foundation, Washington, D. C., Application of Hybrid Computation Techniques to Design (to be known as National Science Foundation Project No. 2715 - New - Department of Chemical Engineering). Gross Value - \$22,900.00.
- a31. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Brain Antibodies in Sera of Schizophrenic Patients (to be known as National Institutes of Mental Health Project No. 2717 - New - Department of Medical Microbiology). Gross Value - \$4,603.00.
- a32. United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Research on Human Information Processing (to be known as Air Force Office of Scientific Research Project No. 2718 - New - Department of Psychology). Gross Value - \$20,043.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a33. 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 National Institutes of Health Project No. 2720 - New - Department of Physiological Chemistry).
Gross Value - \$21,253.00.
- a34. National Science Foundation, Washington, D. C., Conformational Studies Using Fluorine Magnetic Resonance (to be known as National Science Foundation Project No. 2723 - New - Department of Chemistry).
Gross Value - \$31,900.00.
- a35. National Science Foundation, Washington, D. C., Compounds Containing Aluminum-Aluminum Covalent Bonds (to be known as National Science Foundation Project No. 2724 - New - Department of Chemistry).
Gross Value - \$27,000.00.
- a36. National Science Foundation, Washington, D. C., Effect of Recent Volcanic Eruptions on the Glaciers of Deception Island (to be known as National Science Foundation Project No. 2725 - New - Institute of Polar Studies).
Gross Value - \$20,200.00.
- a37. 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 National Institutes of Health Project No. 2727 - New - College of Pharmacy).
Gross Value - \$18,441.00.

TOTAL - Government Contracts - Federal \$2,428,745.00

2. Industrial and Other Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C535164, C548973, C55144 - Department of Surgery).
Gross Value - \$1,811.87.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338-B - Sponsor Letter 7/29/68 - Department of English). Gross Value - \$6,025.00.
- a3. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc., Project No. 2420 - Amend. #4 - Division of Art Education). Gross Value - \$4,371.00.
- a4. Air Line Pilots Association, Washington, D. C., A Study of Aircrew Incapacitation (to be known as Air Line Pilots Association Project No. 2699 - New - Department of Preventive Medicine). Gross Value - \$18,743.00.
- a5. Heart Association of Eastern Ohio, Youngstown, Ohio, Experimental Atherosclerosis: Possible Early Changes in Subcellular Elements During Foam Cell Formation (to be known as Heart Association of Eastern Ohio Project No. 2712 - New - Department of Pathology). Gross Value - \$6,184.34.
- a6. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effects of Hypocapnia on the Cardiovascular System (to be known as Central Ohio Heart Association, Inc., Project No. 2716 - New - Department of Physiology). Gross Value - \$6,629.00.
- a7. East Central Ohio Heart Association, Canton, Ohio, Cardiac Electrical and Mechanical Responses to a Series of Cardiac Glycosides (to be known as East Central Ohio Heart Association Project No. 2719 - New - Department of Pharmacology). Gross Value - \$7,465.00.
- a8. American Chemical Society, The Petroleum Research Fund, Washington, D. C., Mechanism of Inversion in Grignard Reagents (to be known as American Chemical Society Project No. 2721 - New - Department of Chemistry). Gross Value - \$5,000.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a9. Chamberlain Laboratories, A Research & Development Center of U. S. Stoneware, Inc., Stow, Ohio, Comparative Testing of Plastic and Rubber Milking Inflatons (to be known as Chamberlain Laboratories Project No. 2722 - New - Department of Dairy Science).
Gross Value - \$7,063.00.

TOTAL - Industrial and Other Contracts \$63,292.21

The foregoing forty-six contracts for research in cooperation with Government, Industry and Other represent a gross income of \$2,492,037.21.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

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

During the period from September 27, 1968 through October 30, 1968, 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 301X A Study of the Factors Influencing the Attraction and
Ext. #1 Retention of Engineering Talent With the Ohio Department
 of Highways, Ohio Department of Highways, Columbus,
 Ohio.
 Gross Value - \$3,960.00.

2. Industrial Research Contracts

- EES 321X A Survey of Industrial Thermal Process Through
 Ultrasonic Excitation, Columbia Gas Service System,
 Columbus, Ohio.
 Gross Value - \$14,000.00.
- EES 322X Development of Fire Resistive Requirements and
 Methods of Tests for Aircraft Passenger Bridges,
 Wollard Aircraft Service Equipment Company, Miami,
 Florida.
 Gross Value - \$6,000.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contracts (continued)

EES 323X The Study of a Jet Impingement Furnace, Columbia
Gas Service System, Columbus, Ohio.
Gross Value - \$12,000.00.

TOTAL - Industrial Research Contracts \$32,000.00

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$35,960.00.

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IV. GRANT AND GIFTS

The following grant and gifts to the University were among those received since
October 9, 1968, and were reported for the record. Appropriate expressions
of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$4,320.00 additional grant by Department of Health, Education and
Welfare, Public Health Service, Bethesda, Maryland, to the University
for "Pharmaceutical Science Training for Dental Research," under the
direction of the College of Pharmacy, for the period July 1, 1968 through
June 30, 1969. (Grant No. 3 T01 DE00203-01S1)

B. Received Through The Ohio State University Development Fund

1. \$25,000.00 from a bequest under the Will of Francis M. Thompson
for the establishment of the Francis and Louise Thompson '06 Fund.

Francis and Louise Thompson '06 Fund

The Francis and Louise Thompson '06 Fund was established November 14,
1968, by the Board of Trustees of The Ohio State University with a bequest
to The Ohio State University from the late Francis M. Thompson, LL. B.
'06, formerly of Columbus, Ohio.

The principal is to be invested in the University's Investment Portfolio,
under the rules and regulations adopted by the Board of Trustees.

The income is to be deposited in the Ohio Student Loan Foundation,
Incorporated, and used annually for loans to students enrolled in the
College of Law or students enrolled in the Division of Art, College of
The Arts, who are studying painting, drawing, sculpturing or graphics.
Students in the College of Law are to be recommended by the Dean of
the College of Law, and students in the Division of Art are to be recom-
mended by the Director.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

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

1. Francis and Louise Thompson '06 Fund (continued)

Interest on the loans may be charged, following the recommendation of the Ohio Student Loan Foundation, Incorporated.

Should the need for these loans cease to exist or so diminish as to provide unused income, or should the College of Law or the Division of Art cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever in the fields of law or painting, drawing, sculpturing or graphics, with preference being given to recommendations from the Ohio Student Loan Foundation, Incorporated, and the appropriate administrative officials of the University who are then directly responsible for these academic areas.

2. \$21,100.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$19,495.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
4. \$16,900.00 in securities from Jack W. Nicklaus for the establishment of the Robert K. Barton Memorial Fund.

Robert K. Barton Memorial Fund

The Robert K. Barton Memorial Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Jack W. Nicklaus in memory of Robert K. Barton, LL.B. '61, formerly of Columbus, Ohio.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for scholarships to students in the College of Law at The Ohio State University, in accordance with these regulations and stipulations:

- a. It is assumed that any student whose application for admission to the College of Law is accepted and granted would be eligible for this type of student aid, so there is no restriction based on academic grades nor is need a factor.
- b. The students who receive these awards shall be ones who have some interest in golf. This does not mean that they must be members of an organized team or squad, such as the golf squad of a college or university, but shall have an active interest in the game of golf such as Robert K. Barton had during his lifetime.

IV. GRANT AND GIFTS (continued)

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

4. Robert K. Barton Memorial Fund (continued)

- c. Each recipient shall be informed that he is the holder of a Robert K. Barton Memorial Scholarship.
- d. The amount of each scholarship shall be determined by the selection committee, hereinafter named. Each scholarship granted need not be of the same amount.
- e. The selection committee shall be composed of the Dean of the College of Law; an Associate or Assistant Dean of the College of Law, to be selected by the Dean; the administrative person connected with the College of Law who is in charge of its scholarship program; the Secretary of the National Council of the College of Law; Mr. Robert L. Barton, father of Robert K. Barton, during his lifetime and Jack W. Nicklaus, during his lifetime.

In the event that the College of Law as it now exists shall be altered in any reorganization of University colleges, schools and departments, the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University and two of his associates or assistants concerned with its scholarship program shall be the three law members on the Selection Committee.

In case the need for such scholarships ceases to exist or so diminishes as to create unused income then said income may be used as determined by the Board of Trustees of The Ohio State University or successor governing body within the field of law. Any expenditures thus made, however, shall always be identified as being provided by the Robert K. Barton Memorial Fund.

- 5. \$12,000.00 from Battelle Memorial Institute (In the name of Dr. Sherwood L. Fawcett) for the unrestricted endowment of the University.
- 6. \$10,600.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship.
- 7. \$8,770.00 from Owens-Illinois, Inc., Toledo, Ohio--\$6,500.00 for the Owens-Illinois Fellowship in Ceramic Engineering and \$2,270.00 for the Owens-Illinois Scholarship Fund.
- 8. \$6,607.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.
- 9. \$6,167.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

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

10. \$6,140.00 from American Oil Foundation, Chicago, Illinois, for the American Oil Foundation Fellowship in Chemical Engineering.
11. \$6,000.00 from Automotive Safety Foundation, Inc., Washington, D. C., for the Automotive Safety Foundation, Inc., Grant-in-Aid Fund.
12. \$5,575.00 from Goodyear Tire and Rubber Company Fund--\$4,200.00 for the Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering and \$1,375.00 for the Goodyear Foundation Scholarship Fund.
13. \$5,186.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
14. \$5,000.00 from American Society for Engineering Education, Washington, D. C., for the Office of Civilian Defense Fellowship Fund.
15. \$5,000.00 from Celanese Corporation for the Celanese Corporation Fund for Chemical Engineering.
16. \$5,000.00 from the Roy and Eva Markus Foundation, Inc., for the Shirley and Robert C. Coplan Scholarship Fund.
17. \$4,950.00 from the Mansfield O. S. U. Scholarship Fund for the Mansfield Campus Scholarship Fund.
18. \$4,200.00 from The Sears-Roebuck Foundation, Skokie, Illinois, for the establishment of the Undergraduate Agriculture Scholarship Fund.

Undergraduate Agriculture Scholarship Fund

The Undergraduate Agriculture Scholarship Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Sears-Roebuck Foundation, Skokie, Illinois.

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 provide a non-restrictive scholarship to an undergraduate student in agriculture who is enrolled in the College of Agriculture and Home Economics. The selection of the recipient of this scholarship is to be made upon the recommendation of the Dean of the College of Agriculture and Home Economics or his duly appointed representative.

IV. GRANT AND GIFTS (continued)

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

18. Undergraduate Agriculture Scholarship Fund (continued)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Agriculture and 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 recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural education.

19. \$4,000.00 from Inland Steel-Ryerson Foundation, Inc., for the Inland Steel-Ryerson Foundation Fellowship.
20. \$3,450.00 from Jacob E. Davis for the Jacob E. Davis Fund for College of Law.
21. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
22. \$2,928.72 from Lionel E. Dorfman, M.D., for the Fund for Progress in Urology.
23. \$2,000.00 from William H. Havener, M.D., for the Ophthalmology Teaching Fund.
24. \$2,000.00 from The Lazarus Store Foundation, (In the name of Fred Lazarus, Jr.), for the Student Athlete Grant-in-Aid Fund.
25. \$2,000.00 from Raymond E. Mason, Jr., for the Special Fund for Business Education Program in the College of Administrative Science.
26. \$1,959.00 from American Veterinary Medical Association Foundation, Park Ridge, Illinois, for the American Veterinary Medical Association Foundation Fund in Veterinary Medicine.
27. \$1,779.36 from Dr. Fred E. Deatherage for the Deatherage Food and Nutrition Biochemistry Fund.
28. \$1,500.00 from American Orchid Society's Fund for Education and Research, Inc., Cambridge, Massachusetts, for the American Orchid Society Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

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

29. \$1,500.00 from Mrs. Constance Corkwell Blakeley--\$1,000.00 for the establishment of the Gail M. Blakeley, Jr., Memorial Fund and \$500.00 for a scholarship for the current year.

Gail M. Blakeley, Jr., Memorial Fund

The Gail M. Blakeley, Jr., Memorial Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Constance C. Blakeley, B.Sc. in Edu. '36, in memory of her son Gail M. Blakeley, Jr., formerly of Newark, 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 added to principal until the principal reaches \$10,000.00, at which time annual income is to be used to provide a scholarship or grant-in-aid for a male student from Licking County, Ohio, who is enrolled in the Newark Campus of The Ohio State University. A student selected for this scholarship or grant-in-aid is to hold it for as long as he is continuously enrolled at the Newark Campus and for as long as he maintains the academic point hour ratio required by the University to maintain enrollment. The selection of the student is to be made by the Director of the Newark Campus and approved by the University Scholarship Committee.

If the need for this scholarship so diminishes or ceases to exist, as determined by Mrs. Blakeley, or her appointee, in the event of her death, then the income may be used for any other purpose whatsoever as directed by Mrs. Blakeley or her appointee, in consultation with the Director of the Newark Campus.

30. \$1,500.00 from the Trust under the Will of Lester A. Harner, Xenia, Ohio, for the Dr. Charles R. Kistler Memorial Cancer Research Fund.
31. \$1,215.00 from Mrs. Albert M. Miller for the Helen C. Miller Student Aid Fund.
32. \$1,210.00 from Mrs. Jean B. Rothbauer, West Mifflin, Pennsylvania, and friends of the late John G. Bishel for the establishment of the John G. Bishel Memorial Award Fund.

John G. Bishel Memorial Award Fund

The John G. Bishel Memorial Award Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the widow and friends of the late John G. Bishel, B. Mech. Engr. '60, M.Sc. '65, and doctoral candidate, formerly of Columbus, Ohio.

IV. GRANT AND GIFTS (continued)

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

32. John G. Bishel Memorial Award 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 income is to be used for one or more awards to students in engineering design enrolled in the Department of Mechanical Engineering. Selection of the student or students is to be made by a committee comprised of the Chairman of the Department of Mechanical Engineering, all members of the faculty of this department who teach engineering design and Dr. Ernest O. Doebelin, who shall be a member of the committee for as long as he is a member of the faculty. Dr. Doebelin shall serve as chairman of the selection committee as long as he is a member of the committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or 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 recommendations from the appropriate administrative official of the University who is then directly responsible for engineering design.

33. \$1,008.00 from Dr. William G. Pace for the General Surgery Fund - College of Medicine.
34. \$1,000.00 from Dolly (Mrs. A. B.) Cohen for the Department of Athletics Fund.
35. \$1,000.00 from Dr. Mars G. Fontana for the Mars G. Fontana Scholarship in Metallurgical Engineering.
36. \$1,000.00 from The F. & R. Lazarus Company, (In the name of Mrs. Frances N. Lazarus), for the Ivan Gilbert Fund.
37. \$1,000.00 from Marathon Oil Foundation, Inc., Littleton, Colorado, for the Department of Chemistry Discretionary Fund.
38. \$1,000.00 from Frederick W. R. Pride--\$500.00 for the Department of Athletics Discretionary Fund and \$500.00 for the College of Law Emergency Fund.
39. \$1,000.00 from Dr. Myron S. Reed for the Myron S. Reed Fund for Veterinary Medicine.
40. \$1,000.00 from Dr. Julian B. Woelfel for the College of Dentistry Centennial Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

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

41. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.

TOTAL - Received Through The Ohio State University Development Fund -
\$212,740.08

C. Gifts-in-Kind

1. A numerical control from the General Electric Company, Sidney, Ohio, for use in the Department of Industrial Engineering.
2. First editions, inscribed volumes and autographed letters of James Thurber from Elliott J. Nugent for the University Libraries.

D. Establishment of a New Fund from a Previously Reported Gift

Fred F. Jaeger, Jr., Memorial Insurance Fund

The Fred F. Jaeger, Jr., Memorial Insurance Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University Development Fund from the Estate of the late Fred F. Jaeger, Jr., B.Sc. Bus. Adm. '43, formerly of Columbus, Ohio.

This gift is to be invested in the University 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 annually in the furtherance of the Insurance Department, both fire, casualty and life. Expenditure of the income is to be made by the Dean of the College of Administrative Science, upon the recommendations of the officers of the Griffith Foundation for Insurance Education.

Should the need for the use of the income 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 recommendations from the appropriate administrative official of the University who is then directly responsible for insurance education.

(The amount deposited in this fund totals \$9,664.30.)

Upon motion of Dr. Thomas, seconded by Mr. Safford, the acceptance of the foregoing grant 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.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In September, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,702	\$ 74,811.69
Individuals other than alumni	103	32,817.62
Nonprofit organizations	36	143,286.70
Business concerns	19	44,273.00
	<u>1,860</u>	<u>\$295,189.01</u>

Of these gifts, 1,250 totaling \$16,185.96 were undesignated and 610 totaling \$279,003.05 were designated.

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V. 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. Roof Repairs for Administration Building,
Derby Hall, Mendenhall Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 10-18-68)		
George Shustick & Sons, Inc. (Columbus)	\$ 55,900.00	\$ 56,500.00

Funds for this project are provided from Budget Account 124358 Contract Repair.

B. McCracken Power Plant - Additional Boiler No. 9

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 9-24-68)		
Holzappel Construction Co. (Gahanna)	\$ 18,000.00	\$ 24,784.00
<u>Mechanical Contract</u>		
(5 bids received 9-24-68)		
Limbach Company (Columbus)	\$ 42,400.00	\$ 43,716.00

November 14, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant - Additional Boiler No. 9 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Steam Generator Unit Contract</u> (5 bids received 10-22-68)		
E. Keeler Company (Baltimore, Ohio) Base Bid	\$116,995.00	\$126,500.00
Alt. B-1 Furnish and install boiler and auxiliaries capable of 110% MCR 2 hr. peak	- - -	6,000.00
Alt. B-2 Furnish and install water column with clear glass, multiport gauge, illuminator and floor mirror	1,535.00	1,800.00
Alt. B-3 Provide two element feedwater regulator in lieu of single element	3,550.00	2,500.00
	<u>\$122,080.00</u>	<u>\$136,800.00</u>
<u>Total All Contracts</u>	<u>\$182,480.00</u>	<u>\$205,300.00</u>

Funds for this project are provided in Budget Account 801178 (Construction Account for Additional Boiler No. 9).

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

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VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Pedestrian Bridge Over Olentangy River and Olentangy River Road

On February 8, 1968, the Board of Trustees approved the employment of Tweed & Eriksson, Engineers, to provide services in connection with this project.

The original project was based on a limited concept of a pedestrian bridge over the river and the Olentangy River Road with temporary stairs at each end. The project has now been expanded to provide for pedestrians and bicycles, with connections to the new River Union terrace on the east and the parking areas on the west.

President Fawcett therefore recommended that a supplemental contract be approved with Tweed & Eriksson to provide for complete engineering services for the new project, including underwater survey, preliminary plans, detailed construction drawings, specifications, contract documents and periodic supervision of construction. The total fee for this service will be \$14,800.00 minus

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

A. Pedestrian Bridge Over Olentangy River and Olentangy River Road (continued)

previously approved fee of \$8,000.00, or an additional fee of \$6,800.00. Funds are available in Budget Account 801083 River Union and Drama Facilities and Budget Account 921300 Parking Facilities Rotary.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

B. Lima Campus - Easement, Shell Oil Company

The Shell Oil Company has requested a pipeline easement across State of Ohio lands that have been designated for the use of The Ohio State University, Lima Branch. The pipeline will provide an alternate site to the Shell Oil Company so that the Shell Oil Company can abandon its easement over lands owned by the City of Lima to facilitate the construction of Ferguson Lake water reservoir. The pipeline easement to Shell Oil Company is an additional 20 feet added to a permanent 60-foot Buckeye easement and is not considered excessive or detrimental.

The Ohio State University, by cooperating with the City of Lima to help facilitate the construction of Ferguson Lake water reservoir, will insure its branch campus of an adequate water supply.

President Fawcett therefore recommended that the pipeline easement be granted to the Shell Oil Company. It was further recommended 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 pipeline easement.

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

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VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Donald Frederick Bowers, Clinical Assistant Professor in the Department of Medicine; Clyde William Dawson, Clinical Assistant Professor in the Department of Surgery; David Lee Kinsey, Clinical Assistant Professor in the Department of Surgery; Ben Renick Kirkendall, Associate Professor Emeritus in the Department of Radiology; and George Wendell Eckelberry, Professor Emeritus in the Department 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.

VII. RESOLUTIONS IN MEMORIAM

A. Donald Frederick Bowers

The Board of Trustees expresses its sorrow at the death on June 10, 1968, of Donald Frederick Bowers, Clinical Assistant Professor, Department of Medicine.

Dr. Bowers was born on January 15, 1901, in East Liverpool, Ohio. He received a Bachelor of Science degree from The Ohio State University in 1924 and a Doctor of Medicine degree from the same university in 1926. He served an internship at Mount Carmel Hospital, Columbus, Ohio, from July 1, 1926 through June 30, 1927. He was appointed as Instructor in Orthopedic Surgery at The Ohio State University, College of Medicine, in 1929. He served in this capacity through 1933. In 1936 he was appointed to the faculty in the Department of Medicine, and he served in this capacity until his death in 1968.

Dr. Bowers was a member of the American Medical Association, the Ohio State Medical Association and the Columbus and Franklin County Academy of Medicine. Dr. Bowers also held membership in the American Heart Association, American Arthritis Association, and Ohio State Heart Association. He served on the Ohio State Medical Board from 1955 to 1965 and was Chairman of the Ohio State Cosmetology Board in 1963.

Dr. Bowers was medical director at Franklin Village, Franklin County Welfare, for many years and this was a job in which he took particular pride and interest. He served in the U. S. Navy for nine months as a Landsman. He was a member of the National Guard from 1927 through 1931.

Dr. Bowers took an active part in the Shriners and was a Potentate of the Aladdin Temple in 1952.

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, which has been inscribed upon the minutes of the College of of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Clyde William Dawson

The Board of Trustees expresses its sorrow at the death on June 9, 1968, of Clyde William Dawson, Clinical Assistant Professor in the Department of Surgery.

Dr. Dawson was born January 17, 1904. He was a native of Yellow Springs, Ohio, and the son of a former president of Antioch College. He was graduated from Antioch College with an A. B. degree in 1925 where he starred in basketball. He received his M. D. degree from The Ohio State University in 1929.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

B. Clyde William Dawson (continued)

In 1929 and 1930 Dr. Dawson served an internship in Miami Valley Hospital, Dayton, Ohio, following which he entered general practice in Xenia, Ohio. There he became Assistant Resident in Pediatrics at the Ohio Soldiers and Sailors Home from 1930 to 1934.

In 1934 he was appointed a Resident in General Surgery at the New York Postgraduate School and Hospital in which capacity he served one year. From 1935 to 1937 he served as House Officer in Orthopaedic Surgery at Childrens and Massachusetts General Hospitals in Boston, Massachusetts. He was then appointed Resident in Orthopaedic Surgery and Assistant in the Department of Orthopaedic Surgery at Harvard Medical School and Childrens Hospital in Boston from July, 1937 to September, 1938.

In 1938 Dr. Dawson came to Columbus, Ohio, after being named Consultant to the Industrial Commission of Ohio which post he held until 1941 when he became associated with Dr. Judson D. Wilson in the practice of orthopaedic and traumatic surgery. He joined the faculty of The Ohio State University in 1938 in the Department of Surgery, Orthopaedic Division.

Dr. Dawson was a Fellow of the American College of Surgeons, American Academy of Orthopaedic Surgery and American Medical Association. He was a member of the Clinical Orthopaedic, the Tri State Orthopaedic and the Ohio State Orthopaedic (of which he was a past president) and Columbus Surgical Societies. He was also a member of the Ohio State Medical Association, the Columbus Academy of Medicine, the Northeast State Orthopaedic Club, the Orthopaedic Guild, a regional member of the American Academy of Orthopaedic Surgeons and a diplomat of the American Board of Orthopaedic Surgery. He was a senior attending physician at University, Riverside and Children's Hospitals and the Franklin County T. B. Sanatorium. In addition, Dr. Dawson was on the consulting staffs of numerous other local and area hospitals.

Dr. Dawson was a member of Community Lodge No. 684, F. & A. M., Scottish Rite and Shrine and was active in the Aladdin Shrine Crippled Children's program. He was a member of First Community Church.

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, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. David Lee Kinsey

The Board of Trustees expresses its sorrow at the death on May 19, 1968, of David Lee Kinsey, Clinical Assistant Professor in the Department of Surgery.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. David Lee Kinsey (continued)

Dr. Kinsey was born in East Liverpool, Ohio, on June 19, 1929. He was graduated from The Ohio State University where he received his Bachelor of Arts degree in 1951, Doctor of Medicine degree in 1955 and Master of Medical Science degree in 1961.

Dr. Kinsey served his internship at The Ohio State University Hospital from 1955 to 1956. He served a full general surgical residency and thoracic surgical residency at The Ohio State University Hospital from 1956 to 1962. This was interrupted by two years service given to the National Cancer Institute at the National Institutes of Health in Bethesda, Maryland, from 1957 to 1959, where he was Senior Assistant Surgeon. Following this period of training, he received certification by the American Board of Surgery and the American Board of Thoracic Surgery.

From 1963 to 1964 Dr. Kinsey served as a member of the full-time teaching staff of the Department of Surgery, where he was cancer coordinator. On July 1, 1964, Dr. Kinsey entered private practice of surgery in Columbus, Ohio, serving in his specialties of general and thoracic surgery, while continuing his activities in cancer-oriented programs and cancer research. He provided twenty-four scientific publications that manifested his interest in and ability in teaching and research.

The listing of Dr. Kinsey's educational and professional background gives no clue to his qualities and abilities as a person. Although he was driven by a sense of urgency and a demand for perfection in his professional performance, he carried a warmth and kindness for his patients that provided a rare combination in this day of impersonal scientific production. Doctor Kinsey's unusual personality with happiness, friendliness and wit carried him to deep friendship in many other fields. He carried an unshakable loyalty for his teachers and his University. His integrity inspired not only his students, but his co-workers as well. The loss of this brilliant young man was great, but the inspiration that he has left will keep his memory alive.

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, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Ben Renick Kirkendall

The Board of Trustees expresses its sorrow at the death on June 16, 1968, of Ben Renick Kirkendall, Associate Professor Emeritus in the Department of Radiology.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

D. Ben Renick Kirkendall (continued)

During the span of a lifetime, Dr. Kirkendall was the recipient of many honors. He received his medical degree from Starling Medical College in 1905 and his postgraduate studies were completed at Johns Hopkins University and Jefferson Medical College.

Dr. Kirkendall practiced medicine for sixty years, was an Honorary Staff Member at Riverside Methodist Hospital and an Associate Professor Emeritus in Radiology at The Ohio State University. He was a member of the Academy of Medicine of Columbus and Franklin County, the Ohio State Medical Association, the American Medical Association, the American Radium Society and the American Cancer Society.

Dr. Kirkendall will be remembered by the faculty and former residents in Radiology at The Ohio State University for his contributions and teaching in medicine, especially in the procedural use of radium and its derivatives as therapeutic agents.

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, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. George Wendell Eckelberry

The Board of Trustees expresses its sorrow at the death on October 31, 1968, of George Wendell Eckelberry, Professor Emeritus of Accounting.

Professor Eckelberry was born at Zaleski, Ohio, on February 1, 1892. He received his B. A. and M. A. degrees from The Ohio State University in 1914 and 1916. During World War I, he served in the Signal Corps and rose through the ranks to Second Lieutenant. He began his career at Ohio State in 1915 and served the University continuously for forty-seven years until his retirement in 1962. His first Ohio State appointment was that of Assistant in the Department of Economics and Sociology. He was made full Professor in 1921, and in 1922 he assumed the Chairmanship of the newly formed Department of Accounting. During these same early years, he passed the Ohio Certified Public Accountant's examination in 1920 and was admitted to the Ohio Bar in 1921.

Professor Eckelberry's exceptional talents were recognized in 1926 when he became Assistant to University President George W. Rightmire, a position he held until 1938. His duties included supervision of the faculty budget, Chairman of the Council on Instruction, member of the Administrative Council and of the University Cabinet. When President Rightmire retired in 1938, Professor Eckelberry returned to teaching in the Department of Accounting. Thereafter, at various times, he was Chairman of the Committee on Student Standing,

VII. RESOLUTIONS IN MEMORIAM (continued)

E. George Wendell Eckelberry (continued)

member of the Committee on Honorary Degrees and member of the Executive Committee of the Graduate Council. In addition, he served as Director of the University's Summer Quarter program and from 1923 to 1926 he was the first coach of the University's golf team.

In 1927, Professor Eckelberry co-authored a textbook, Outlines of Accounting, which was used in elementary accounting courses at Ohio State for many years. He published numerous articles on professional topics and became a highly regarded authority in public utility accounting. In 1916, he was one of the founders of the American Association of University Instructors in Accounting, later to become the American Accounting Association, and served as its Secretary-Treasurer from 1924 to 1926. He was also a member of the American Institute of Certified Public Accountants, the Ohio Society of Certified Public Accountants, Beta Alpha Psi, Beta Gamma Sigma, Alpha Kappa Psi and Delta Tau Delta. In recognition of his notable leadership in accounting education and of his effective service to this University in major administrative assignments, he was granted The Ohio State University Distinguished Service Award in August, 1962.

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

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VIII. REPORT

A. Report on the University's Investment Portfolio

The report dated November 13, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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IX. DEMONSTRATION OF COMPUTER-AIDED INSTRUCTION

Upon the invitation of President Fawcett, the Associate Provost of the University, Dr. Ronald Brady, provided a demonstration of computer-aided instruction. Messrs. John P. Howell and James V. Griesen of the systems research department, The Ohio State University College of Medicine, assisted with the demonstration of how IBM computers are used in teaching histology and physical chemistry courses for medical students.

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November 14, 1968 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 12, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 12, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, December 12, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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December 12, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G

President Fawcett presented on behalf of the Retirement and Insurance Committee a resolution amending the insurance program for faculty, staff and all regular employees. Amendment Number 38 has been made possible by Revenue Ruling 68-334 - proceeds of group life insurance not included in employee's estate if all rights, including conversion privilege, were irrevocably assigned, and Amended Senate Bill No. 129 amending Section 3917.07 of the Ohio Revised Code. The following resolution was recommended for adoption:

BE IT RESOLVED by the Board of Trustees, The Ohio State University, that Amendment Number 20, effective July 1, 1960, regarding "Change of Beneficiary," be cancelled and Amendment Number 38 be substituted to be retroactively effective to June 1, 1968.

Amendment Number 38:

It is understood and agreed that effective as of June 1, 1968, said Policy is hereby amended as follows:

- (1) Amendment Number 20 to said Policy is cancelled and annulled and of no further effect.
- (2) The following provision shall supersede and replace all other provisions of said Policy relative to assignments by Unclassified Employees insured under said Policy, of their rights and benefits relating to the Group Life Insurance coverage:

Assignment. No rights or benefits of any such employee relating to his or her Group Life Insurance and Permanent and Total Disability Benefits Insurance, if any, under this Policy shall be assignable except as follows: Such employee may for himself or herself, his or her heirs, executors, administrators and assigns, assign all right, title and interest, and ownership and control and incidents of ownership in this Policy with respect to the Life Insurance on his or her life and his or her Permanent and Total Disability Benefits Insurance, if any, and in any and all such insurance provided now or at any time hereafter under this Policy, together with any additional such insurance which may be provided in the future under this Policy and together with all

I. GENERAL RECOMMENDATIONS (continued)

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G (continued)

benefits, rights and privileges provided now or at any time hereafter under this Policy pertaining to such insurance (including any and all right, title and interest which, except for such assignment, would pass to the estate of the employee) including specifically but not by way of limitation upon the generality of the foregoing, all rights to:

- (i) receive the indemnities and benefits of such insurance,
- (ii) submit the notice of claim, proofs of loss, and proofs of disability required for entitlement to or continuance of such insurance,
- (iii) exercise the conversion privilege,
- (iv) name or change the beneficiary of the employee's insurance under this Policy,
- (v) purchase any such additional insurance for which the employee may become eligible under this Policy,
- (vi) make payment to the Policyholder of any premium payments required to maintain his or her insurance in force under this Policy, and
- (vii) cancel such insurance,

provided such assignment is made in writing by the employee and consented to by the Policyholder and by the Insurance Company in writing. The Policyholder and the Insurance Company reserve the right to decline to consent to any such assignment, and in no event shall the Policyholder or the Insurance Company be responsible for the validity, effect or sufficiency of any such assignment to which it has consented.

- (3) The Change of Beneficiary provision under the Group Life Insurance coverage is amended by the addition of the following paragraph:

December 12, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G (continued)

Anything in this provision to the contrary notwithstanding, an Unclassified Employee may nominate an irrevocable beneficiary, provided such nomination is made in writing and is consented to by the Insurance Company in writing.

Except as stated in this Amendment, nothing contained herein shall be held to alter or affect any of the provisions of said Policy including any prior Amendments.

BE IT FURTHER RESOLVED that the President be authorized to sign on behalf of The Ohio State University, Amendment Number 38 to John Hancock Mutual Life Insurance Company Policy No. 1305-G.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above resolution amending the insurance program for faculty, staff and all regular employees was adopted by unanimous roll call vote, and the President was authorized to sign said Amendment.

B. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 14, 1968, 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 311.)

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 14, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Appointment

E. Grosvenor Plowman, Visiting Professor (James R. Riley Professorship of Transportation and Business Logistics), College of Administrative Science, effective January 1, 1969 through March 31, 1969, at a salary of \$6,600.00 for the period.

December 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Robert E. Georges from Counselor in the College of Administrative Science to Assistant Dean and Director of the Undergraduate Business Administration Program in the College of Administrative Science, effective January 1, 1969, at a salary of \$15,168.00 per annum.

Jon Cunnyngnam from Associate Professor in the Department of Economics to Professor in and Chairman of the Department of Economics, effective January 1, 1969, at a salary of \$22,008.00 per annum.

C. 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:

Doris R. Tupps, Instructor (County Extension Agent, Home Economics) Crawford County, effective January 1, 1969 through March 15, 1969, to participate in a program of professional improvement at Ohio University.

D. Leaves of Absence Without Salary

Mary E. Young, Associate Professor, Department of History, effective April 1, 1969 through June 30, 1969, to engage in research at the Library of Congress and the National Archives.

H. William Chalsma, Assistant Professor, Department of Slavic Languages and Literatures, effective January 1, 1969 through June 30, 1969, to engage in research study at Leningrad University, USSR.

Joan Phillips Leitzel, Assistant Professor, Department of Mathematics, effective January 1, 1969 through March 31, 1969, for personal reasons.

Francis C. Westrick, Instructor (County Extension Agent, 4-H) Williams County, effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at Michigan State University.

December 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Title

Merwin E. Potter, College of Administrative Science,
with the title Assistant Dean Emeritus, effective April 1,
1969.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the 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

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

- a1. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as Atomic Energy Commission Project No. 1673-A - Mod. #6 - Department of Metallurgical Engineering).
Gross Value - \$6,075.00.
- a2. Department of the Navy, Office of Naval Research, Washington, D. C., In Vivo Effects of Oxygen (and varying gas mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - Amend. #4 - Department of Medicine).
Gross Value - \$17,307.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures on the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as National Institutes of Health Project No. 2356 - Sup. #3 - Department of Medical Microbiology).
Gross Value - \$5,840.00.

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)

- a4. United States Air Force, AFSC, 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 Aeronautical Systems Division Project No. 2726 - New - Department of Metallurgical Engineering).
Gross Value - \$42,000.00.
- a5. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Aeronautical Systems Division Project No. 2731 - New - Research Foundation).
Gross Value - \$45,258.00.
- a6. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Plasma Diagnostic Techniques and Generation (to be known as Aeronautical Systems Division Project No. 2733 - New - Department of Physics).
Gross Value - \$23,520.00.
- a7. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Communication Analysis Support (to be known as Aeronautical Systems Division Project No. 2734 - New - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a8. United States Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Rome Air Development Center Project No. 2738 - New - Department of Electrical Engineering).
Gross Value - \$82,362.00.

TOTAL - Government Research Contracts - Federal \$272,362.00

2. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409-G - Ext. #7 - Department of Physiology).
Gross Value - \$11,203.00.

December 12, 1968 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)

- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806-E - Ext. #7 - Department of Surgery).
Gross Value - \$14,251.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Arthritis and Metabolic Diseases, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2297 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a4. National Science Foundation, Washington, D. C., Convergence Problems in Ergodic Theory and Probability Theory (to be known as National Science Foundation Project No. 2728 - New - Department of Mathematics).
Gross Value - \$13,700.00.
- a5. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as National Aeronautics and Space Administration Project No. 2732 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$18,300.00.
- a6. National Science Foundation, Washington, D. C., Combinatorial Problems of Statistical Design of Experiments (to be known as National Science Foundation Project No. 2736 - New - Department of Mathematics).
Gross Value - \$50,000.00.

TOTAL - Government Research Grants - Federal \$108,454.00

3. Industrial and Other Research Contracts

- a1. Stokely-Van Camp, Inc., Indianapolis, Indiana, Fluid Balance in College Athletes (to be known as Stokely-Van Camp, Inc., Project No. 2616 - Ext. #1 - School of Physical Education).
Gross Value - \$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)

- a2. University of Illinois, Urbana, Illinois, Research on Eye Motion (to be known as University of Illinois Project No. 2735 - New - Department of Electrical Engineering).
Gross Value - \$2,000.00.

TOTAL - Industrial and Other Research Contracts \$2,500.00

4. Industrial and Other Research Grant

- a1. The Heart Association of Eastern Ohio, Inc., Youngstown, Ohio, Ultrastructural Study of Myogenesis in Cardiac Hypertrophy (to be known as The Heart Association of Eastern Ohio, Inc., Project No. 2739 - New - Department of Veterinary Pathology).
Gross Value - \$7,488.00.

The foregoing seventeen contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$390,804.00.

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

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

During the period from October 31, 1968 through November 25, 1968, 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 324X Effects of the Atmosphere on the Propagation of Laser Radiation, North American Rockwell Corporation, Columbus, Ohio.
Gross Value - \$28,614.00.

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December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 14, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$141,123.00 granted by National Science Foundation, Washington, D. C., 20550, to the University for support of an "Academic Year Institute in Science for Secondary School Teachers," under the direction of the College of Education. This grant terminates on September 30, 1970. (GW-3508)
2. \$99,231.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., 20202, to the University for "Development of Performance Goals for a New Office and Business Education Program," under the direction of the Center for Vocational and Technical Education, for the period June 20, 1968 through April 19, 1969. (Grant No. OEG-0-8-080414-3733)
3. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant - Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)

TOTAL - Administered Through the Office of Business and Finance -
\$298,747.00

B. Received Through The Ohio State University Development Fund

1. \$25,000.00 from a bequest from the late Vance I. Shield, in memory of his son, Vance I. Shield, Jr., for the establishment of the Vance I. Shield, Jr., Memorial Scholarship Fund.

Vance I. Shield, Jr., Memorial Scholarship Fund

The Vance I. Shield, Jr., Memorial Scholarship Fund was established December 12, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University from the late Vance I. Shield, formerly of St. Louis, Missouri, in memory of his son, Vance I. Shield, Jr., a former student at the University who was killed in World War II.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for undergraduate scholarships to students at The Ohio State University.

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.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Professorship in Chemical Engineering.
3. \$14,387.50 in securities from Ralph W. Kurtz, Coshocton, Ohio, for research in the College of Medicine.
4. \$13,272.50 from Mark L. Morris Animal Foundation, Denver, Colorado-- \$9,560.00 for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine and \$3,712.50 to establish a research fund in the College of Veterinary Medicine.
5. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in the College of Medicine.
6. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Mrs. Marie R. Bremer), for the Bremer Foundation Fund.
7. \$10,000.00 from Shell Companies Foundation, Inc., New York, New York--\$5,000.00 for the Shell Companies Foundation Fellowship Fund in Mechanical Engineering and \$5,000.00 for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
8. \$10,000.00 from the Trust under the account of William B. Calkins-- \$5,000.00 for the John B. Fullen Scholarship Fund and \$5,000.00 for the James Thurber Memorial Fund.
9. \$8,573.42 from the Estate of Mrs. Idalia Bradfield for The Bradfield-Watrous Memorial Fund.
10. \$7,241.00 from National Fund for Medical Education, New York, New York, for the National Fund for Medical Education Fund.
11. \$7,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.
12. \$7,000.00 from Suburban Motor Freight, Inc., (In the name of James R. Riley), for the James R. Riley Professorship of Transportation and Business Logistics.
13. \$5,999.24 from Dr. Herbert W. Salter for the Herbert W. Salter Fund for Family Medical Care.
14. \$5,000.00 from World Health Organization, Geneva, Switzerland, for the WHO International Reference Center.
15. \$4,506.20 from Donald J. Lett for the Grace Wolfe Kenson Lahm Student Loan Fund.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

16. \$4,500.00 from Armco Foundation for the Armco Fellowship in Metallurgical Engineering.
17. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
18. \$4,500.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
19. \$4,200.00 from Goodyear Tire and Rubber Company Fund for the Goodyear Foundation Fellowship Fund.
20. \$3,931.25 from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
21. \$3,500.00 from Mrs. Albert L. Henne for the Albert L. Henne Memorial Fund.
22. \$3,100.00 from Jack W. Nicklaus for the Robert K. Barton Memorial Fund.
23. \$3,000.00 from Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
24. \$3,000.00 from A. H. Robins Company, Inc. , for the Gastroenterology Research Fund.
25. \$3,000.00 from Tektronix Foundation, Beaverton, Oregon, for the Tektronix Ceramic Fellowship Fund.
26. \$3,000.00 from the Trust under the Will of Emerson S. Zuck for the Emerson S. and Lucy J. Zuck Fund.
27. \$1,842.50 from William H. Havener, M.D. , for the Ophthalmology Teaching Fund.
28. \$1,500.00 from Ronald W. Thompson for the Ronald W. Thompson Fund for Engineering.
29. \$1,497.52 from Josephine S. Failer, (In the name of Jay L. Failer), for the Presidents Club Special Fund.
30. \$1,170.25 from Arthur E. Shepard--\$670.25 as an undesignated gift to the University and \$500.00 for the Charles W. Griffith Memorial Fund.
31. \$1,000.00 from John B. Gerlach for the Presidents Club Special Fund.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

32. \$1,000.00 from Walter H. Kidd for the Walter H. Kidd Engineering Discretionary Fund.

33. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.

TOTAL - Received Through The Ohio State University Development Fund - \$207,283.88

C. Gifts-in-Kind

1. A Model C Slave Vibrator Unit from Stress Relief Engineering, Inc., Costa Mesa, California, for use in the Department of Ceramic Engineering.

2. An electroencephalograph from Zacks Foundation, (In the name of Gordon Zacks), for use in the Department of Psychiatry.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, 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.

D. Report from The Ohio State University Development Fund

In October, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,916	\$131,659.76
Individuals other than alumni	56	27,382.92
Nonprofit organizations	21	147,121.99
Business concerns	<u>41</u>	<u>51,562.45</u>
	3,034	\$357,727.12

Of these gifts, 2,297 totaling \$21,772.76 were undesignated and 737 totaling \$335,954.36 were designated.

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V. PLANS AND SPECIFICATIONS

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

V. PLANS AND SPECIFICATIONS (continued)

A. Remodeling of Tuberculosis Hospital (Means Hall)

This project consists of the renovation of the entire 5th floor of the Tuberculosis Hospital (Means Hall) to provide new cardiovascular facilities.

Funds for this project will be provided from Budget Account 960200 (Hospital Rotary) and a Federal Grant.

B. Pedestrian Bridge Over Olentangy River and Olentangy River Road

This project is a bridge for pedestrians and bicycles over Olentangy River and Olentangy River Road, with connections to the new River Union terrace on the east and parking areas on the west.

Funds for this project will be provided from Budget Account 801083 (River Union and Drama Facilities) and Budget Account 921300 (Parking Rotary).

C. Dentistry Building - Compressed Air Piping

This project will provide the installation of a new compressed air distribution system.

Funds will be provided from Budget Account 129210 (Dentistry Improvements).

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

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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:

December 12, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACT (continued)

A. Mershon Auditorium--Interior Wall Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 11-21-68)		
W. F. Bolin Company (Columbus)	\$14,400.00	\$28,000.00

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

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above award of contract and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Request Authority to Negotiate Easements and Agreements to Provide for Construction of a 15" Sanitary Sewer

Easements and temporary work agreements for the construction of a 15" sanitary sewer line will be required for the development of the Laboratory Animal Facility located adjacent to Don Scott Field. President Fawcett recommended that the necessary agreements to provide the right-of-way be negotiated with the private land owners as determined from engineers' drawings.

It was further recommended 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 appraise the land owners' rights and to develop the necessary legal documents to provide the University with a right-of-way.

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

B. Means Hall--Renovation of Electrical System, Employment of Architects

President Fawcett recommended that the engineering firm of H. A. Williams and Associates be employed to prepare electrical revisions for Means Hall. All new electrical work to include power for addition of window air conditioning units on all floors, modification of the lighting systems and additional local load requirements.

It is understood that this firm will be employed through the bidding period.

December 12, 1968 meeting, Board of Trustees

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

B. Means Hall--Renovation of Electrical System,
Employment of Architects (continued)

The fee for this work is 5 1/2 per cent of the total contract cost, for a sum not to exceed \$13,750.00. Funds will be provided from Budget Account 960200 (Hospital Rotary).

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

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VIII. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Fordyce Ely, Professor Emeritus in the Department of Dairy 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.

A. Fordyce Ely

The Board of Trustees of The Ohio State University expresses its sorrow at the death November 21, 1968, of Fordyce Ely, Professor Emeritus in the Department of Dairy Science.

Dr. Ely was born January 25, 1898, in St. Croix Falls, Wisconsin. He attended Central High School in St. Paul, Minnesota, and entered the University of Minnesota in 1915 where he received the Bachelor of Science degree in 1919. After working on dairy farms and as fieldman for the Twin Cities Milk Producers Association, he enrolled at Iowa State College where he received the Master of Science degree in 1921. From 1921 to 1928, he served on the faculty at Iowa State College where he attained the rank of Associate Professor. In 1928, he became Professor in charge of the Dairy Section at the University of Kentucky. On a leave of absence from the University of Kentucky, Fordyce Ely received the Doctor of Philosophy degree from the University of Minnesota in 1939, specializing in the physiology of milk secretion. He returned to the University of Kentucky and continued teaching and serving as head of the Dairy Section until he joined the faculty at The Ohio State University in 1948. From January 1, 1948 until his retirement in 1963, Dr. Ely served as Professor and Chairman of the Department of Dairy Science where his consecration and enthusiasm were immeasurably responsible for the development and reputation of the Department. He spoke frequently before Ohio dairy farmer audiences and co-authored numerous scientific papers.

Professor Ely was widely known among the purebred dairy cattle breeders throughout the United States for his ability as a dairy cattle judge and a type classification inspector. In his years of dedicated teaching and personal counseling, he touched the hearts of his students and stimulated them to establish goals worthy of their ability. Many distinguished graduates

VIII. RESOLUTION IN MEMORIAM (continued)

A. Fordyce Ely (continued)

attribute their success directly to Dr. Ely's influence. In 1966, Dr. Ely organized and conducted a six-week People-to-People tour of Russia and other European countries for a group of 40 Ohio dairy leaders.

Dr. Ely's ability and accomplishments were recognized throughout his career. In 1937, he was an official delegate to the World's Dairy Congress in Berlin; and in 1946, he was elected President of the American Dairy Science Association. The University of Minnesota honored him in 1960 by selecting him as the recipient of the Outstanding Achievement Award. In addition to his membership in the American Dairy Science Association, he was a member of the honor societies: Sigma Xi, Gamma Sigma Delta, Alpha Zeta and Gamma Alpha. He was held in high regard by his fellow faculty members and the leaders of the dairy cattle industry throughout the United States. His contributions to dairying both within Ohio and elsewhere will long be appreciated and remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Ely its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

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IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on November 15, 1968

President Fawcett reported for information and the record that the Board of Regents at its meeting on November 15, 1968, approved the increase in the Student Services Fee from \$20 to \$25 per quarter, effective Winter Quarter, 1969.

B. Highlights of University Activities

President Fawcett reported to the Board that the Autumn Quarter Commencement Convocation would be held on Saturday, December 14, 1968, with Dr. John A. Hannah, President of Michigan State University, as the Commencement speaker. He stated further that in a 1968 survey of enrollments at 1,145 U. S. colleges and universities conducted by the University of Cincinnati, Ohio State was reported to rank 10th in full-time enrollment (41,555) and 13th in grand total enrollment (45,262).

December 12, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Report on Rose Bowl Ticket Sales

Mr. Mount, Chairman of the Rose Bowl Committee, reported that his committee was working to see that the people who will represent this institution do so in the highest possible manner in accordance with the guidelines set down by the Big Ten Conference in order to bring prestige to the Conference and this University. He reported that to date 4,966 student tickets had been sold and 591 faculty and staff for a total of 5,557 students, faculty and staff. The sponsored tour will accommodate 1,301 students and the wives and parents of the players will bring that total to 1,450 and 1,380 alumni will go on the alumni tour.

D. Progress Report on the Centennial Observance Plans

Dr. Alfred B. Garrett, Vice President for Research, who is serving as Chairman of the University's Centennial Observance Committee, presented a report on the progress in the preparation for this observance. A copy of the complete report is filed with the official records of the Board of Trustees.

E. 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 December 11, 1968, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1968, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, February 13, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX III

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

December 14, 1968

Page 312 Blank

The Recipients of Honors

WEIKKO A. HEISKANEN

DOCTOR OF SCIENCE

World leader in geodesy, founder of this University's Department of Geodetic Science, genius at stimulating students and colleagues to productive research

Weikko A. Heiskanen is without question the world's most eminent and influential geodesist, and The Ohio State University may well rejoice at the honor of having been the beneficiary for 15 years of his activity on this faculty.

After a long and brilliant career in Finland, Dr. Heiskanen came to the United States in 1950. Under the initial aegis of Ohio State's Department of Geology, he founded on this campus the first department of geodetic science in an American university. Today that department is recognized and respected the world over.

Dr. Heiskanen is the author of some 140 books and articles covering a wide range in geodesy, 82 of which are original contributions to knowledge and all of which have figured in the advancement of his science. His studies of gravity data and their relation to the condition of isostasy in the earth's crust have created an important bridge between geodesy and its sister science of geology, and they will ever stand as classic in their realm. His work in devising the global geodetic system that unifies the work of geodesists all over the world has brought international fame to this University.

While at Ohio State, he organized symposia that brought together several brilliant assemblages of scientists from all parts of the world and, by the cross-fertilization they engendered, advanced the geophysical sciences at large.

Dr. Heiskanen has evinced real genius at stimulating students and colleagues to outstanding accomplishment in a wide variety of geodetic and related fields. His imprint upon these sciences therefore extends far beyond the results of his own individual research.

No less than 30 high honors have come to Dr. Heiskanen, many of international significance. The Ohio State University now takes great pride in adding its accolade to this impressive array, in clear recognition of the great contribution he has made to his field and to the excellence and world-wide reputation of this University.

LISTER HILL

DOCTOR OF LAWS

Dedicated public servant and architect of legislation which has raised to new heights the level of health and education of the American people

Lister Hill, United States Senator from Alabama, has devoted his creative energy and interest to the strengthening of the health and education of this nation.

Son of a dedicated surgeon, bearer of the name of Dr. Joseph Lister distinguished in the medical history of the world as a pioneer in antisepsis, Senator Hill brought to the councils of government a mind hospitable to the great traditions of medicine. During a career of more than four decades in the Congress of the United States, he labored to fashion the tools and to lay the foundations for medical research and education and to provide those facilities that will make possible the "Golden Age of Medicine" which he has foreseen for the world.

Honored throughout the United States as the "Statesman of Health," recipient of the late President Kennedy's accolade as "the outstanding Congressional leader in the field of medical legislation in the nation," Senator Hill was the chief architect of the Hill-Burton Act which has provided hospital facilities throughout the United States, including 20,000 beds in 300 hospitals in the State of Ohio.

The National Institutes of Health are largely the legislative creation of Senator Hill. He has led the legislative fight against mental illness and mental retardation, and he has been the principal initiator of legislation expanding health education and training and strengthening public health programs and aid to the handicapped.

The Ohio State University is among the host of institutions which have been the beneficiaries of Senator Hill's vigorous leadership in the field of education. To cite but two legislative landmarks in his long career, he was co-author of the GI Bill of Rights and author of the National Defense Education Act, and he has been a Congressional leader and national spokesman for virtually all legislation involving organized education at any level.

In recognizing Senator Hill, The Ohio State University pays tribute to a lifetime of public service and to the almost unending array of major accomplishments in the fields of science, health, and education which that lifetime of service has produced.

KARL SCHWARTZWALDER

DOCTOR OF SCIENCE

Creative engineer and scientist, effective administrator, distinguished humanitarian and leader in the education of young people

Throughout his professional career, Karl Schwartzwalder, director of research and development for the AC Spark Plug Division of General Motors Corporation, has demonstrated an insatiable curiosity about materials and their behavior. Today, almost all alumina products manufactured follow closely the results of his pioneering research in alumina ceramics and the disclosures of the more than 50 patents issued to him.

A graduate of The Ohio State University, from which he received the Bachelor of Ceramic Engineering and Master of Science degrees, he has been with the General Motors Corporation his entire professional career except for periods of service as a consultant to government scientific groups and technical and scientific societies.

Mr. Schwartzwalder was a scientific consultant to the Manhattan Project and has served on committees of the National Bureau of Standards, the National Science Foundation, and the Atomic Energy Commission. He is a member of many professional and learned societies, among them the American Ceramic Society which he has served as president and the American Association for the Advancement of Science.

For his ingenuity and creative ability in the engineering and scientific fields, Mr. Schwartzwalder has been honored in many ways. In 1959, he was chosen by this University as a Distinguished Alumnus.

Mr. Schwartzwalder's outstanding professional accomplishments have been closely rivaled by civic contributions, particularly in improving educational opportunities for young people in his community. He is the founder and president of the "Five Talents" educational program to challenge the minds of the brightest youth in the Flint-area parochial high school system. He has given much of his time to stimulating the interest of young people in science and to cultivating in them a strong moral and religious fiber.

Karl Schwartzwalder has demonstrated extraordinary ability as a scientist and engineer in the ceramic and automotive industries and has found time to give liberally of his talent in service to others. In every way, his career has indeed been one of great distinction.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and thirty candidates)

- Thomas Charles Agin.....Steubenville
B.Sc. in Edu., M.A.
Dissertation: The Development of Expectancy Self Hypotheses
Field of Specialization: Psychology
- Robert Lee Alt.....Columbus
B.S. (Capital University); M.Sc.
Dissertation: Infrared Spectra of $N^{15}H_3$
Field of Specialization: Physics
- Thomas Anthony Antkowiak.....Buffalo, N.Y.
B.A. (State University of New York at Buffalo)
Dissertation: The Chemistry of Cyclooctate traene Dianion
Field of Specialization: Chemistry
- William Xavier Bajzer.....Midland, Mich.
B.S. (Case Western Reserve University); M.Sc.
Dissertation: Preparation and Reactions of Certain Halogenated 2, 5-Cyclohexadienones
Field of Specialization: Chemistry
- James Henry Barrett.....Middlesboro, Ky.
B.S. (Eastern Kentucky State College); M.Sc.
Dissertation: Selected Reactions of 1*H*-Azepines and Oxepins
Field of Specialization: Chemistry
- Peter John Barrett.....Frankton, New Zealand
B.S., M.Sc. (University of Auckland)
Dissertation: The Post-Glacial Permian and Triassic Beacon Rocks in the Beardmore Glacier Area, Central Transantarctic Mountains, Antarctica
Field of Specialization: Geology
- Paz Irabagon Bartolomé.....Manila, Philippines
B.Sc. (Philippine Normal College); M.E. (Miami University)
Dissertation: A Comparison of Questions and Objectives Listed in Basal Reader Guidebooks with Those Observed in the Reading Lessons
Field of Specialization: Education
- M. William Bates.....Limaville
B.S. in Ed. (California State College, Pennsylvania); M.A. (Kent State University)
Dissertation: A Study of the NDEA Institute Creativity in Industrial Arts
Field of Specialization: Education
- Jack Herman Bertsch.....Tampa, Fla.
A.B. (Denison University); LL.B. (Columbia University)
Dissertation: An Inquiry into the Asymmetry and Direction of Time
Field of Specialization: Philosophy

- Jerry Wayne Blake.....Columbus
 A.B. (Miami University)
Dissertation: Hydrothermal Shale and Clay-Iron Compound Studies
Field of Specialization: Mineralogy
- Henry William Block.....Irvington, N.J.
 B.S. (Carnegie Institute of Technology); M.Sc.
Dissertation: Convergence and Error Estimation for Sums of Dependent Random Variables
Field of Specialization: Mathematics
- Khalid Hasan Bokhari.....Chuharkana, West Pakistan
 B.S. (Punjab University); M.S., B.Ed. (Agr.), M.Ed. (Agr.) (West Pakistan Agricultural University)
Dissertation: A Role-Performance Model for Vocational Agriculture Curriculum
Field of Specialization: Agricultural Education
- Victor Herbert Bond.....Lubbock, Tex.
 B.S. in I.E., M.S. in I.E. (Texas Technological College)
Dissertation: An Investigation of Probabilistic Cell Occupancy in Experimental Design
Field of Specialization: Industrial Engineering
- Larry Ray Boots.....Enumclaw, Wash.
 B.S. in Agr. (Washington State University); M.S. (Dairy Science) (University of Illinois)
Dissertation: The Relationship of Some Environmental and Physiological Stresses to Glutamic-Oxaloacetic and Glutamic-Pyruvic Transaminase Activities in Holstein Cattle
Field of Specialization: Dairy Science
- Robert Lee Brotzman.....Baltimore, Md.
 B.E.E., M.Sc.
Dissertation: Investigation of a Perceiver
Field of Specialization: Electrical Engineering
- Grover Wayne Burkhardt.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: Costs of Using Selected Sprinkler Irrigation Systems in the Upper Mad River Valley Area of Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Katherine Horween Burkman.....Indianapolis, Ind.
 A.B. (Radcliffe College); A.M. (University of Chicago)
Dissertation: The Dramatic World of Harold Pinter: Its Basis in Ritual
Field of Specialization: Theatre
- Oscar Jehu Byrnside, Jr.....North Springfield, Va.
 B.S.Edu. (Concord College); M.S. (Virginia Polytechnic Institute)
Dissertation: Evaluating the Business and Office Education Service at the State Level
Field of Specialization: Education
- Donald Francis Calbreath.....Temple, Tex.
 B.S. in Chem. (North Texas State University); M.Sc.
Dissertation: Partial Purification and Characterization of Pyruvate Kinase from Human Erythrocytes
Field of Specialization: Physiological Chemistry

- Donald Eugene Callan.....Cedarville
 B.S. (Taylor University); M.A. (Ball State Teachers College)
Dissertation: A Submaximal Cardiovascular Fitness Test for Fourth, Fifth, and Sixth Grade Boys
Field of Specialization: Physical Education
- Donald Raye Clark.....College Station, Tex.
 B.S. (An. Sc.), D.V.M., M.S. (Texas Agricultural and Mechanical University)
Dissertation: Characteristics of Atrial and Atrioventricular Conduction and of Induced Atrial Arrhythmias in the Dog
Field of Specialization: Veterinary Physiology
- Jay Howard Cohen.....Brooklyn, N. Y.
 B.S. (Polytechnic Institute of Brooklyn); M.Sc.
Dissertation: On the Scanning of Arrays Using Quantized Phase Shifters
Field of Specialization: Electrical Engineering
- Dale Osborne Condit.....Columbus
 B.Met.E., M.Sc.
Dissertation: The Dissolution Behavior of Fe-Ni Alloys in 1N H₂SO₄ at 25C
Field of Specialization: Metallurgical Engineering
- Joseph Alfred Cotruvo.....Toledo
 B.S. (University of Toledo)
Dissertation: Electronic Effects in Rearrangements to Electron Deficient Species Derived from 2-Diazo-1,1,1-triarylethanes
Field of Specialization: Chemistry
- Oswaldo Cox.....Naguabo, Puerto Rico
 B.S., M.S. (University of Puerto Rico)
Dissertation: Part I: Chemical Transformations of 2,3-Homotropone
 Part II: Solvolysis of Tricyclo [4.2.0.0^{2,4}] Octan-5yl Derivatives
Field of Specialization: Chemistry
- George Ernest Dambach.....Worthington
 B.Sc.
Dissertation: Mechanism of Acetylcholine Action on Ventricular Contractility
Field of Specialization: Pharmacology
- William Edward Davis.....Warren
 B.S. (Youngstown University)
Dissertation: (d,p γ) Directional Correlations: ²⁴Mg(d,p γ)²⁵Mg
Field of Specialization: Physics
- Lachman Dass Dhingra.....Bohtak, India
 B.V.Sc. and A.H. (Punjab University)
Dissertation: The Comparative and Topographic Anatomy of the Arteries of the Turkey (*Meleagris gallopavo*), Chicken (*Gallus domesticus*), Goose (*Anser anser*), and Duck (*Anas platyrhynchos*)
Field of Specialization: Veterinary Anatomy
- Frederick Joseph Dietrich.....Columbus
 B.S. in E.E. (University of Missouri); M.S.E.E. (Purdue University)
Dissertation: A Vertical Ionosonde Antenna System for Selecting Ionospheric Modes over the Frequency Range 2-20 MHz by Means of Polarization Control
Field of Specialization: Electrical Engineering

- Chester Gray Dunham.....Tucson, Ariz.
 A.B. (Oberlin College); M.A.
Dissertation: The Diplomatic Career of Christopher Hughes
Field of Specialization: History
- Margarete Breuninger Fleischer.....Davis, Calif.
 M.A. (Kent State University)
Dissertation: Die Gestalt des Kindes in der deutschen Prosaliteratur von 1832 bis 1857
Field of Specialization: German
- Ariadna Foureman.....Columbus
 B.A., M.A.
Dissertation: Vauvenargues Estheticien, Critique Litteraire et Ecrivain
Field of Specialization: Romance Languages
- Russell Lee French.....Worthington
 A.B., M.Ed. (University of Cincinnati)
Dissertation: A Study of Communication Events and Teacher Behavior: Verbal and Nonverbal
Field of Specialization: Education
- Howard Larry Fromkin.....Lafayette, Ind.
 B.A. (Waterloo Lutheran University); M.A. (Bowling Green State University)
Dissertation: Affective Valuational Consequences of Self-Perceived Uniqueness Deprivation
Field of Specialization: Psychology
- Hal Dean Gaddis.....Worthington
 B.Sc. in Edu., M.A.
Dissertation: An Analysis of Perceived Objectives in Selected Junior High Schools
Field of Specialization: Education
- Bonnie Leonard Gall.....San Juan, Puerto Rico
 A.B. (Mount Holyoke College)
Dissertation: Chemical Behavior of the Oxide Radical Ion and the Ozonide Ion Produced in Oxygenated Aqueous Solutions at High pH by the Method of Pulse Radiolysis
Field of Specialization: Chemistry
- Robert John Garbacz.....Columbus
 B.S. (State University of New York at Buffalo); M.Sc.
Dissertation: A Generalized Expansion for Radiated and Scattered Fields
Field of Specialization: Electrical Engineering
- Maxine Fuller Gates.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: A Comparison of the Learning Characteristics of Hyperactive and Hypoactive Children with Related Central Nervous System Dysfunctions
Field of Specialization: Education

- Robert Eugene Gensemer.....Englewood, Colo.
 B.S. in Health Ed. (East Stroudsburg State College, Pennsylvania);
 M.S. (Pennsylvania State University)
*Dissertation: The Effectiveness of the Golf-lite as a Practice Device
 on Learning to Drive a Golf Ball Straight*
Field of Specialization: Physical Education
- Geoffrey Gibson.....Kendal, England
 B.A. (University of Nottingham); M.A.
Dissertation: Family and Kinship in a Disabled Population
Field of Specialization: Sociology
- William Wayne Giffin.....Columbus
 B.A. (College of Wooster); B.Sc. in Edu., M.A.
Dissertation: The Negro in Ohio, 1914-1939
Field of Specialization: History
- Norman Miller Griggs, Jr.....Stow
 B.A., M.A. (DePauw University)
*Dissertation: Behavioral Goals for a Program of Instruction to Pre-
 pare Specialists in School Plant Planning*
Field of Specialization: Education
- Charles Christian Grove.....Galion
 B.Sc. in Edu., M.A.
*Dissertation: A Study of the Status of Organizational Relationships
 Between Teachers and Administrators in State Education Associations*
Field of Specialization: Education
- Christine Ruth Gustafson.....Rockford, Ill.
 B.A. (Drake University, Iowa); M.Sc.
*Dissertation: Studies of the Gem-Dialkyl Effect in the 2,2-Dialkyl-1-1,
 3-Propanediamine Chelates of Copper (II) and Nickel (II)*
Field of Specialization: Chemistry
- Patricia Ann Handwerk.....Wyomissing, Pa.
 B.A. (Swarthmore College)
Dissertation: An Investigation of the Concept of Action
Field of Specialization: Philosophy
- Randolph Thomas Harper.....New Orleans, La.
 B.S.S. (Fairfield University); M.A.
*Dissertation: The Influence of Selected Aspects of Cognitive and Affec-
 tive Development upon Preferences for Delayed Versus Immediate
 Gratification*
Field of Specialization: Psychology
- Sandra Nacci Harper.....Columbus
 B.Sc. in Edu., M.A.
*Dissertation: The Dramatic Presentation of Liberty in the Theater of
 Alfonso Sastre*
Field of Specialization: Romance Languages
- Edward Clegg Hart.....Eastland, Tex
 B.S.E.E., M.S.E.E. (Texas Technological College); B.D. (Presbyterian
 College)
*Dissertation: A Proposed In-Service Program in Physics for Experi-
 enced Secondary School Science Teachers*
Field of Specialization: Education

- Jeannette Hillman Henney..... Columbus
 B.A., B.Sc. in Edu., M.A.
Dissertation: Spirit Possession Belief and Trance Behavior in a Religious Group in St. Vincent, British West Indies
Field of Specialization: Anthropology
- M. Marian Kasabian Hoffman..... Belpre
 B.S. (Boston University); M.A. (Columbia University)
Dissertation: The Beginnings of Basic Baccalaureate Nursing Education: 1916-1929
Field of Specialization: Education
- Donald Bruce Hooper..... United States Air Force Academy, Colo.
 B.Sc. in Bus. Adm., M.B.A.
Dissertation: Differential Utility of Leadership Opinions in Classical and Moderator Models for the Prediction of Leadership Effectiveness
Field of Specialization: Business Organization
- Joseph Michael Hornback..... Middletown
 B.S. in Chem. (University of Notre Dame)
Dissertation: Norbornyl Cations
Field of Specialization: Chemistry
- Charles W. Houser..... Belleville, W. Va.
 B.A. (David Lipscomb College)
Dissertation: Reactions of Halocyclopropanes
Field of Specialization: Chemistry
- Roy Russell Huddleston..... San Antonio, Tex.
 B.S. (Texas Agricultural and Mechanical University); M.Sc.
Dissertation: The Effect of the Matrix on Axial Dispersion During Flow through Porous Media
Field of Specialization: Chemical Engineering
- Philip Anthony Ianna..... Charlottesville, Va.
 B.A., M.A. (Swarthmore College)
Dissertation: An Astrometric and Spectroscopic Study of the Galactic Cluster NGC 1039
Field of Specialization: Astronomy
- Eugene Lawrence Jarrett..... St. Albans, W. Va.
 B.S.Ch.E. (West Virginia University); M.Sc.
Dissertation: Flow and Mass Transfer in Rectangular Cavities
Field of Specialization: Chemical Engineering
- Muriel Kathleen Jones..... Indiana, Pa.
 B.S. (Indiana State College, Pennsylvania); M.Ed. (Pennsylvania State University)
Dissertation: Esteem Accorded to Clothed Figures as Related to Fashion and Perception
Field of Specialization: Home Economics
- Arnold Joseph..... Granville
 B.Sc. in Edu., M.A.
Dissertation: The Reappraisal of Racine in Twentieth Century French Criticism: Themes and Perspectives
Field of Specialization: Romance Languages

- Gayle Hahn Joyce..... Willoughby
 B.S. in Ed. (Kent State University); M.S. (Pennsylvania State University)
Dissertation: Biochemical Studies of Zoogloea ramigera Isolate 115
 with Emphasis on Ethyl Alcohol Metabolism
Field of Specialization: Microbiology
- Jo Ann Vesco King..... Columbus
 B.Sc. in Edu., M.A.
Dissertation: A Study of Selected Attitudinal Variables Among Senior High School Students
Field of Specialization: Education
- Annell Lacy..... Arlington, Tex.
 B.S., M.A. (Texas Woman's University)
Dissertation: An Analysis of Factors that Affect Job Satisfaction of Public High School Business Teachers in Ohio
Field of Specialization: Education
- Rattan Lal..... Karnal, Punjab, India
 B.Sc. (Punjab Agricultural University); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Drainage and Nutrient Effects on Corn Grown in Ly-simeters
Field of Specialization: Agronomy
- John Oliver Lindower..... Columbus
 B.A. (Ashland College); M.D.
Dissertation: The Correlation of Cardiac Glycoside Subcellular Distribution with Pharmacological Effect in the Isolated Perfused Guinea Pig Heart
Field of Specialization: Pharmacology
- John Francis Lindsay..... New South Wales, Australia
 B.Sc. (Hons.), M.Sc. (University of New England)
Dissertation: Stratigraphy and Sedimentation of the Lower Beacon Rocks of the Queen Alexandra, Queen Elizabeth, and Holland Ranges, Antarctica, with Emphasis on Paleozoic Glaciation
Field of Specialization: Geology
- Charlene McClanahan Lutes..... Grundy, Va.
 B.S. (Radford College); M.Sc.
Dissertation: Some Considerations of the Relationship between Genotype and Phenotype of the Ci Mutant in Drosophila melanogaster
Field of Specialization: Zoology and Entomology
- James Michael Macki..... Mullen, Ida.
 B.S. (University of Idaho)
Dissertation: The Electrical Conductivity of Pure and Doped Dy₂O₃ and Gd₂O₃
Field of Specialization: Metallurgical Engineering
- Patricia Eileen Macnamara..... Dayton
 B.S. Ed. (Ohio University); M.A.
Dissertation: Feedback of Information and Evaluation of Own Inter-personal Performance
Field of Specialization: Psychology

- Joel Hans Magisos.....Pullman, Wash.
 B.S. (Agr.), M.S. (Agr.Ed.) (State College of Washington)
Dissertation: An Analysis of Factors Associated with Perception of Role by State Supervisors of Vocational Education
Field of Specialization: Agricultural Education
- Prem Dutt Malik.....Ghaziabad, U.P., India
 B.V.Sc. (Punjab University); M.Sc.
Dissertation: Some Immunological and Other Studies in Mice on Infection with Embryonated Eggs of Toxocara canis (Werner, 1782)
Field of Specialization: Veterinary Parasitology
- Cedomir Damianovic Marangunić.....Santiago, Chile
Dissertation: Effects of a Landslide on Sherman Glacier, Alaska
Field of Specialization: Geology
- Donald Ray Martin, II.....Euclid
 B.A. (Otterbein College); M.S. (T.V.Rad.) (Syracuse University)
Dissertation: A Study of Definitions and Attitudes Toward a Small College Non-Commercial Educational FM Radio Station
Field of Specialization: Speech
- Fred Marion Martinelli.....Ashland
 B.A. (Otterbein College); M.A.
Dissertation: A Brief History of Subsidization and a Follow-up Study Comparing Grant-in-Aid and Non-Grant-in-Aid Athletes at The Ohio State University 1957-1962
Field of Specialization: Physical Education
- Zulma Nelly Martinez.....Cordoba, Argentina
 M.A.
Dissertation: El Tema de la Venganza en la Ficción de Jorge Luis Borges
Field of Specialization: Romance Languages
- Peter Raleigh Mattis.....Bayside, N. Y.
 B.A. (Queens College, New York); M.A.
Dissertation: The Learning to Learn Phenomena as a Criterion for Testing the Effects of Desensitization with a 'Self' Set and 'Other' Set
Field of Specialization: Psychology
- Paul Edward McGhee.....Mt. Clemens, Mich.
 B.A. (Oakland University); M.A. (Bucknell University)
Dissertation: Cognitive Development and Children's Comprehension of Humor
Field of Specialization: Psychology
- Kenneth Norwood McKelvey.....Raleigh, N. C.
 B.S. in Ch.E. (University of North Carolina); M.Sc.
Dissertation: Turbulent Mixing with Chemical Reaction
Field of Specialization: Chemical Engineering
- Garry Donald McKenzie.....Sarnia, Ont., Canada
 B.Sc. (Hons.), M.Sc. (University of Western Ontario)
Dissertation: Glacial History of Adams Inlet, Southeastern Alaska
Field of Specialization: Geology

- Wilma Koenig Meckstroth.....Lancaster
 B.Sc. in Edu.
Dissertation: The Nonideality of Liquid and Solid Ortho-Para Deuterium Solutions from Vapor Pressure Measurements
Field of Specialization: Chemistry
- Richard John Medve.....Slippery Rock, Pa.
 B.S. in Ed. (California State College, Pennsylvania); M.A. (Kent State University)
Dissertation: Development and Morphology of the Beaded Rootlets, Mycorrhizae, and Associated Root Fan Structures of Red Maple (*Acer Rubrum* L.)
Field of Specialization: Botany
- Chandra Mohan Nath Mehrotra.....Shahjahanpur, U.P., India
 B.Sc. (Coronation College); M.Edu. (University of Gorakhpur)
Dissertation: Behavioral Cognition as Related to Interpersonal Perception and Some Personality Traits of College Students
Field of Specialization: Psychology
- Marvin Eugene Monroe.....Nevada
 B.E.E., M.Sc.
Dissertation: Measurement of the Spatial Coherence and Intensity Correlation Functions of Atmospherically Distorted Laser Waves at 0.63 and 10.6 Microns
Field of Specialization: Electrical Engineering
- Robert Earl Moran.....Baton Rouge, La.
 B.Sc. in Edu., M.A.
Dissertation: The History of Child Welfare in Louisiana, 1850 - 1960
Field of Specialization: History
- Larry Allen Nagode.....Wibaux, Mont.
 D.V.M. (Colorado State University); M.Sc.
Dissertation: Studies on Alkaline Phosphatases of Canine Tissues and Serum
Field of Specialization: Veterinary Pathology
- Floyd Roger Nave.....Springfield
 A.B. (Augustana College); M.S. (State University of Iowa)
Dissertation: Pleistocene Mollusca of Southwestern Ohio and Southeastern Indiana
Field of Specialization: Geology
- Bernard Frank Niehm.....Sandusky
 B.Sc. in Edu., M.A.
Dissertation: A Study of Counseling, Personal Adjustment and Parent Education Services in Ohio Workshops for the Mentally Retarded
Field of Specialization: Education
- Jack LeRoy Noragon.....Oberlin
 B.A. (Doane College, Nebraska); M.A.
Dissertation: Representation and Redistricting: The Political Effects of Population Equality in Congressional Districting
Field of Specialization: Political Science

- Peder Adolph Otterson.....Kent
 B.S. (University of Minnesota); M.S. (Educ.) (University of Illinois)
*Dissertation: An Evaluation of the Aerospace Technology Program at
 Kent State University*
Field of Specialization: Education
- Girish Girdhar Parekh.....Bombay, India
 B.Sc., M.Sc. (Univeristy of Bombay)
Dissertation: The Reaction of Vinyl Ethers with Carbohydrates
Field of Specialization: Chemistry
- Alfred Leroy Parker.....Albuquerque, N. M.
 B.S., M.S. (Oklahoma State University of Agriculture and Applied
 Sciences)
*Dissertation: A Sectoral Analysis of the Determinants of Cyclical and
 Secular Changes in the Velocity of Money*
Field of Specialization: Economics
- Donald Beshers Parker.....Columbus
 B.S. in Ed., M.A. (Southern Illinois University)
Dissertation: Wreath Products and Properties of Groups
Field of Specialization: Mathematics
- Bruce Earl Partner.....Mansfield
 B.A. (Ball State Teachers College); M.A. (Bowling Green State Uni-
 versity)
*Dissertation: A Comparison of Achievement of Main and Branch Cam-
 pus Mathematics Students*
Field of Specialization: Education
- Thomas Joseph Pavliscak.....Columbus
 B.S. in M.E., M.S. (Mech. E.) (Wayne State University)
*Dissertation: An Investigation of the Fretting-Fatigue Properties of
 Metallic Joints*
Field of Specialization: Mechanical Engineering
- Engelbert Pechhold.....Columbus
Dissertation: Studies of the Behavior and Generation of Carbanions
 Part I. Inversion of Secondary Cyclic Grignard Reagents
 Part II. Fragmentation of Azoformate Salts and Acylazo Compounds
 with Bases
Field of Specialization: Chemistry
- Clyde Eugene Plant.....Sylvania
 B.Sc. in Edu., M.Edu.
*Dissertation: Program Changes in Selected Ohio Reorganized School
 Districts*
Field of Specialization: Education
- Raymond Bigelow Pond.....Warren
 B.A. (Ohio Wesleyan University); M.Sc.
*Dissertation: Doppler Effect Measurements in Polyethylene Softened
 Reactor Spectra*
Field of Specialization: Physics
- Patricia McGivern Profant.....Columbus
 B.A. (University of Southern California); M.A.
*Dissertation: Sex Differences and Sex Role Stereotypes as Related to
 Professional Career Goals*
Field of Specialization: Psychology

- Robert Richard Reeber.....La Grangeville, N. Y.
 B.Met.E., M.S. (New York University)
Dissertation: Low Temperature Thermal Expansion of Wurtzite-Phases
 of IIB-VIB Compounds
Field of Specialization: Mineralogy
- Richard Dean Robins.....Manchester, Ind.
 B.A. (Manchester College); M.Sc.
Dissertation: Oxidative Cleavage of Cyclopropanes with Mercuric Ace-
 tate
Field of Specialization: Chemistry
- Charles Andrew Rodgers.....Cridersville
 B.Sc. in Edu., M.A.
Dissertation: The History of The Hartman Theatre 1938 - 1963
Field of Specialization: Theatre
- Arthur James Rosser.....Columbus
 B.S. (Wilmington College); M.A. (Kent State University)
Dissertation: An Exploratory Study of Using a Computer in Curricu-
 lum Development
Field of Specialization: Education
- Lawrence Albert Ruff.....Dayton
 B.S. in Ed. (University of Dayton); M.A. (Catholic University of
 America)
Dissertation: The True Line of Beauty: Style in *Tristram Shandy*
Field of Specialization: English
- Gerald Neil Sandy.....Euclid
 B.A., M.A.
Dissertation: Comparative Study of Apuleius' *Metamorphoses* and
 Other Prose Fiction of Antiquity
Field of Specialization: Classics
- Richard Joseph Seidehamel.....Novelty
 B.S.Pharm. (University of Toledo); M.Sc.
Dissertation: An Analysis of Ephedrine Mydriasis in Relationship to
 Iris Pigmentation in the Guinea-Pig Eye *In Vitro*
Field of Specialization: Pharmacy
- Peter Finch Seligmann.....Whitehall, N. Y.
 B.S. (Union College)
Dissertation: The Heat of Mixing at 0°K for Dilute Solutions of He³
 in He⁴
Field of Specialization: Physics
- Charles Edward Semler, Jr.....Centerville
 A.B., M.S. (Miami University)
Dissertation: Studies in the Ternary System Barium Oxide - Corun-
 dum - Silica: The System Celsian - Silica - Corundum
Field of Specialization: Mineralogy
- Mary Jo McClain Seyler.....Worthington
 B.A. (Texas Technological College); M.A.
Dissertation: Physical Therapy: A Study in Professional Orientations
Field of Specialization: Sociology

- David Winston Sheppard..... Columbus
 A.B. (Gordon College); B.D. (Andover-Newton Theological Seminary);
 M.A. (Brown University)
Dissertation: A Nuclear Magnetic Resonance Study of Beryllium Basic
 Acetate Single Crystals
Field of Specialization: Physics
- Shyam Narayan Shukla..... Bilaspur, India
 B.E. (University of Jabalpur); M.S. (University of New Brunswick)
Dissertation: Lateral Buckling of Fixed Parabolic Arches with Tilting
 Loads
Field of Specialization: Civil Engineering
- Grayce McVeigh Sills..... Columbus
 B.S. in Nursing (University of Dayton); M.A.
Dissertation: Organization of Health Care for the Mentally Ill
Field of Specialization: Sociology
- Clay Van Sink..... Winston-Salem, N. C.
 B.S. (Pfeiffer College); M.S. (Bus.Ed.) (University of Tennessee)
Dissertation: The Effect of Bookkeeping on Achievement in Three
 Types of First-Term Accounting Courses
Field of Specialization: Education
- John William Snyder..... Hagerstown, Md.
 B.Sc. in Phys., M.Sc.
Dissertation: Studies of Hydrogen Plasmas Heated by Ion Cyclotron
 Resonance
Field of Specialization: Physics
- Duane Larry Stucky..... Bloomville
 B.M.E., M.Sc.
Dissertation: The Effect of the Exit Velocity Profile on the Aerody-
 namic Noise Generation in a Submerged Turbulent Subsonic Jet
Field of Specialization: Mechanical Engineering
- Dennis Earl Tallman..... Bellefontaine
 B.Sc.
Dissertation: The Effect of Divalent Metal Ions on Pyruvate Dimeriza-
 tion: An Equilibrium and Kinetics Study
Field of Specialization: Chemistry
- Peter Ernest Tobia..... Hackensack, N. J.
 B.S.(Ed.), M.S. (Ed.) (New Jersey State Teachers College)
Dissertation: A Comparative Study of the Educational Systems of the
 Five Central American Countries
Field of Specialization: Education
- Richard Ederly Van Doeren..... Winston-Salem, N. C.
 Geophys. Engr. (Colorado School of Mines); M.Sc.
Dissertation: Application of an Integral Equation Method to Scatter-
 ing by Dielectric Cylindrical Shells Having Finite Length
Field of Specialization: Electrical Engineering
- Nestor Casubha Vera Cruz..... Manila, Philippines
 B.S. in Agriculture (University of the Philippines); Master of Agri-
 cultural Science (University of Queensland); M.S. (Dairy Science)
 (University of Illinois)
Dissertation: The Effects of Androgenic, Estrogenic and Gonado-
 trophic Hormones *In Vitro* on the Metabolic Activity of Normal and
 Cryptorchid Rat Testicular Tissue
Field of Specialization: Dairy Science

- Louise Bertha Caroline Vetter.....Calamus, Ia.
 B.S.H.Ec.Ed., M.S. (Iowa State University)
Dissertation: A Factor Analytic Study of the Attitudes Toward Work of High School Senior Girls
Field of Specialization: Psychology
- Billy Bruce Wagener.....Indianapolis, Ind.
 B.A. (Muskingum College); M.A.
Dissertation: An Experimental Examination of Continuance and Context Effect as a Result of the Use of a "Contradictor" in a Persuasive Communication Series
Field of Specialization: Speech
- Larry George Warner.....Pontiac, Mich.
 B.A. (Michigan State University)
Dissertation: The Stereochemistry of Nickel(II) and Cobalt(II) Complexes Which Contain Cyclic Tetradentate Ligands
Field of Specialization: Chemistry
- Betty Jane Wenz.....Phoenix, Ariz.
 B.S., M.Edu. (University of Illinois)
Dissertation: Impression Formation and Cognitive Structure
Field of Specialization: Psychology
- Thomas Robert White.....Columbus
 B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: A Study of the Values and Attitudes of Distributive Education Teacher-Coordiators as Compared to Two Groups of Potential Teacher-Coordiators
Field of Specialization: Education
- Yoash Wiener.....Rehovot, Israel
 B.A. (Hebrew University); M.S. (Ohio University)
Dissertation: The Effects of "Task" and "Ego" Oriented Performance on Two Kinds of Overcompensation Inequity
Field of Specialization: Psychology
- James Edward Williamson.....Columbus
 A.B. (Cornell University); M.Sc.
Dissertation: The Correlation of Physical Properties by Means of the Rotated Catenary Equation
Field of Specialization: Chemical Engineering
- James John Wong.....Cleveland
 B.S.Che.E. (Ohio University); M.B.A. (Case Western Reserve University)
Dissertation: An Analysis of Retail Credit Systems—Their Relationships, Importance, and Implications for the Small Retailer
Field of Specialization: Business Organization
- Yu-Lin Wu.....Nantou Chen, Taiwan, China
 B.S. (National Taiwan University); M.S. (Brigham Young University)
Dissertation: Cobalt(III) Promotion of Peptide Formation and the Hydrolysis of Chelated Peptides and Glycine Esters
Field of Specialization: Chemistry

Paul Yokley, Jr..... Florence, Ala.
B.S., A.M. (George Peabody College for Teachers)
Dissertation: A Study of the Anatomy of the Naiad Pleurobema Cor-
datum (Rafinesque, 1820) (Mollusca: Bivalvia: Unionoida)
Field of Specialization: Zoology and Entomology

Darius Robert Young..... Twin Falls, Ida.
B.S., M. in Ed. (Colorado State University)
Dissertation: The Development of a Construction Industry Interest
Inventory
Field of Specialization: Education

Kermit Charles Zieg, Jr..... Culver, Ind.
B.S. (Indiana University); M.A.
Dissertation: A Study of Common Stock Options from the Standpoint
of the Returns Accruing to the Buying and Selling Sides
Field of Specialization: Business Organization

George Klemm Zulantz..... Columbus
B.A., M.A.
Dissertation: Shakespeare's Troilus and Cressida in Relation to Eng-
lish Drama of 1597 to 1604
Field of Specialization: English

Paul Zweier..... Columbus
A.B. (Brooklyn College); M.S. (Stevens Institute of Technology);
M.B.A. (Northeastern University)
Dissertation: Performance of a Vertically Integrated Manufacturer
Under Indirect Regulation
Field of Specialization: Business Organization

Master of Accounting (Three candidates)

Dennis Delbert Bensinger..... Youngstown
B.S. in B.A. (Youngstown University)
Field of Specialization: Accounting

David Delbert Sidaway..... Columbus
B.Sc. in Bus. Adm.
Field of Specialization: Accounting

Timothy John Stueve..... Dayton
B.S. in Bus. Adm. (University of Dayton)
Field of Specialization: Accounting

Master of Architecture (One candidate)

Alfred Edwin Berthold..... Chevy Chase, Md.
B. of Arch. (Texas Technological College)
Field of Specialization: Architecture

Master of Arts (One hundred and eight candidates)

Pouneh Moghadam Alcott..... Columbus
B.Sc. in Edu.
Field of Specialization: Education

Jon George Amstutz..... Dalton
B.A. (University of Chicago); M.A.
Field of Specialization: Journalism

- Joseph Lewis Anderson.....Athens
 A.B. (Antioch College)
Field of Specialization: Education
- William Samuel Arnett.....Morgantown, W. Va.
 B.A. (West Virginia University)
Field of Specialization: History
- James Samuel Ault.....Columbus
 B.A. (Wheeling College)
Field of Specialization: Slavic Languages
- Sister Theresa Gabriel Bamberger.....Columbus
 B.S.Ed. (Nazareth College, Nazareth, Kentucky)
Field of Specialization: Political Science
- James Jackson Barnette.....Troy
 B.Sc. in Edu.
Field of Specialization: Education
- Elizabeth Gertrude Becker.....Columbus
 A.B. (Wartburg College)
Field of Specialization: Education
- Margaret Berlin Blackman.....Indianapolis, Ind.
 A.B. (Miami University)
Field of Specialization: Anthropology
- Charles Michael Bond.....Akron
 A.B. (University of Akron)
Field of Specialization: Philosophy
- David James Bond.....Binghamton, N. Y.
 B.A. (Saint Lawrence University)
Field of Specialization: Speech
- Elemer Anthony Briss.....Columbus
 A.B. (Berea College)
Field of Specialization: Linguistics
- Herbert Walter Broda.....Wooster
 B.A.
Field of Specialization: Economics
- Floyd Oscar Brown.....Wheelersburg
 B.Sc.
Field of Specialization: Psychology
- Glenna Nance Brown.....Circleville
 B.S. (Mus.Ed.) (Olivet Nazarene College)
Field of Specialization: Music
- Scott Andrew Buchan.....Kenosha, Wis.
 A.B. (Harvard College); M.A. (Southern Illinois University)
Field of Specialization: Slavic Languages
- Alfred Louis Camp.....Worthington
 A.B. (Pontifical College Josephinum); B.Sc. in Edu., M.A.
Field of Specialization: Education
- John Michael Bernard Carroll.....Woodside, N. Y.
 B.A. (Fordham University)
Field of Specialization: Slavic Languages

- Arnold Roy Collen.....Walnut Creek, Calif.
 B.A. (San Francisco State College)
Field of Specialization: Psychology
- Beverly Ann Cottrill.....Point Pleasant, W. Va.
 A.B. (Ohio University)
Field of Specialization: Romance Languages
- Kenneth Morton Davis.....University Heights
 B.S., M.A. (Case Western Reserve University); M.F.A. (University of Cincinnati)
Field of Specialization: Art
- Dale Joseph DeBrosse.....Englewood
 A.B. (University of Dayton)
Field of Specialization: Classics
- Jeffrey Lynn Drake.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Barbara Allyn Epstein.....Dobbs Ferry, N. Y.
 B.S. (Pennsylvania State University)
Field of Specialization: Speech
- Beverly Springer Fatig.....Columbus
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Inez Luinstra Fergason.....Gahanna
 B.Sc. in Edu.
Field of Specialization: Education
- Janet Elizabeth Frantz.....Anthony, Kan.
 B.S. in Educ. (Kansas State Teachers College)
Field of Specialization: Political Science
- Austin Frederick.....Berelair, Tex.
 B.S. (Agr.) (Prairie View Agricultural and Mechanical College of Texas)
Field of Specialization: Business Organization
- Dolores Alma Frey.....Columbus
 A.B. (Mary Manse College)
Field of Specialization: Education
- Ariane Lucia Furst.....Santiago, Chile
 B.A. (University of the Pacific)
Field of Specialization: Romance Languages
- Joyce Heitger Geary.....Worthington
 B.S. (Edu.) (Concordia Teachers College)
Field of Specialization: Education
- Nancy Allen Grieselhuber.....Cincinnati
 B.S. Ed. (University of Cincinnati)
Field of Specialization: Speech

- Max Eugene Griffith.....Galena
 B.A. (Ohio Wesleyan University)
Field of Specialization: Theatre
- Judith Wagner Groom.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Coralene Antoinette Haas.....San Jose, Calif.
 B.A. (University of Santa Clara)
Field of Specialization: Psychology
- Lorna Hyott Haines.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Fred Whitney Harrington.....Dublin
 B.A. (Eastern Nazarene College)
Field of Specialization: Education
- Janet Craig Heddeshimer.....Columbus
 B.A. (Coe College)
Field of Specialization: Education
- Larry Edward Heinzerling.....London, England
 B.A. (Ohio Wesleyan University)
Field of Specialization: Journalism
- Jeanne Rees Hilson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sue Ann Hippard.....Orange, Conn.
 A.B. (Marietta College)
Field of Specialization: History
- Margaret Magner Holter.....Granville
 B.A. (Seton Hill College)
Field of Specialization: Journalism
- Michael Stewart Houser.....Piqua
 B.A. Music Ed. (Capital University)
Field of Specialization: Music
- Jay Norwood Howard, II.....Thomasville, N. C.
 B.M. (University of North Carolina)
Field of Specialization: Music
- David Aric Johnson.....Johnstown
 B.Sc.
Field of Specialization: Psychology
- Stan Craig Johnson.....Superior, Wis.
 B.S. (Wisconsin State University)
Field of Specialization: Speech

- Theresa Irene Jones.....Mansfield
 A.B. (Ashland College)
Field of Specialization: Education
- Michael Lee Kabler.....Ripley
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Allen Kapp.....Brecksville
 B.A.
Field of Specialization: Psychology
- Xat Kichtham.....Bangkok, Thailand
 B.P.S. (Thammasat University)
Field of Specialization: Political Science
- Audrey Smith Krantz.....Columbus
 B.A. (Greenville College)
Field of Specialization: Education
- Rosemary Kraynak.....Westlake
 B.S. (Ohio Dominican College)
Field of Specialization: Psychology
- Marilyn Forestal Kurtz.....Columbus
 B.A. (Purdue University)
Field of Specialization: Education
- John Stephen Larkin.....Benton Harbor, Mich.
 A.B. (Hope College)
Field of Specialization: Political Science
- Susan Anita Leib.....Akron
 A.B. (University of Akron)
Field of Specialization: Psychology
- Jerre Lewis Lender, Jr.....Dayton
 B.Sc.
Field of Specialization: Psychology
- Robert Evans Love.....Grosse Pointe, Mich.
 A.B. (Oberlin College)
Field of Specialization: Psychology
- Gerald Denver Lowry, Jr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Political Science
- Susan Jane Loy.....Altoona, Pa.
 B.S. in Edu. (Indiana State University, Pennsylvania)
Field of Specialization: Romance Languages
- Donald Steven Mark.....Kent
 B.A.
Field of Specialization: English
- David Lee Matson.....Xenia
 A.B. (Cedarville College)
Field of Specialization: Music
- Joseph Lee McCullough.....Yeadon, Pa.
 B.A. (Villanova University)
Field of Specialization: Psychology

- Paul Kerry McDowell..... Columbus
 B.Sc. in Edu.
Field of Specialization: Art
- Creighton John Miller..... Columbus
 B.A. (Rockford College)
Field of Specialization: Theatre
- Randall Martin Miller..... Chicago, Ill.
 A.B. (Hope College)
Field of Specialization: History
- Myrna Neuman Mumm..... Columbus
 B.Sc. in Edu.
Field of Specialization: Speech
- Dianne Hansen Nichols..... Columbus
 B.M.E. (Wheaton College)
Field of Specialization: Music
- Isao Nishihira..... Naha, Okinawa
 B.A. (Okinawa University)
Field of Specialization: Education
- Dixie Sage Oneacre..... Findlay
 A.B. (Miami University)
Field of Specialization: Romance Languages
- Nathan Edward Ory..... Coral Gables, Fla.
 B.A. (Georgia State College, Atlanta)
Field of Specialization: Psychology
- Young Soo Pak..... Taegu, Korea
 B.A., M.A. (Kyungpook National University)
Field of Specialization: English
- MaryLee Corder Peck..... Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Austin Peterson..... Hollywood, Calif.
 B.A. (University of Southern California)
Field of Specialization: Psychology
- Bernice Peterson Petrich..... Marion
 B.A. (Carleton College)
Field of Specialization: Education
- Roy Leonard Prange, Jr..... Warren, Ill.
 B.A. (University of Iowa)
Field of Specialization: Philosophy
- Engel Hendricus Prins..... Columbus
 B.A. (University of Minnesota)
Field of Specialization: Political Science
- Jeanne Marie Radecki..... Toledo
 B.Educ. (University of Toledo)
Field of Specialization: Education
- Karen Ann Rainsberg..... Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: History

- Michael Joseph Keady.....Stockport, England
 B.A. (University of Manchester)
Field of Specialization: Psychology
- James Ralph Ricci.....Steubenville
 B.S.J. (Ohio University)
Field of Specialization: Journalism
- Linda Carter Riley.....Worthington
 B.Sc. in H.E.
Field of Specialization: Education
- Sister Marilyn Schmit.....Milwaukee, Wis.
 B.A. (Alverno College)
Field of Specialization: Sociology
- Carolyn Rose Schurr.....Eustis, Neb.
 B.A. in Ed. (Kearney State College)
Field of Specialization: Education
- Shirley Vogt Sedor.....Galena
 B.S. (Nazareth College, Rochester, New York)
Field of Specialization: Psychology
- George Eaton Seyfarth.....Worthington
 B.S.Indus.Mgt. (University of Akron)
Field of Specialization: Education
- Wanda J. Short.....Delta
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Charles David Sinclair.....Wellston
 B.S. in Elem.Ed. (Rio Grande College)
Field of Specialization: Education
- Edward William Smith.....Piqua
 B.Sc. in Edu.
Field of Specialization: Education
- John Wayne Sonedecker.....New Springfield
 B.Sc. in Edu.
Field of Specialization: Education
- Carl Richard Stelling.....Columbus
 B.A.
Field of Specialization: Journalism
- Richard Eugene Stober.....Shelby
 B.A.
Field of Specialization: Journalism
- Harold Jay Swart.....Berea
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Charles Carl Szabo, Jr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Gerald Patrick Trambley.....Erie, Pa.
 B.A. (Gannon College)
Field of Specialization: Classics

- John Thornton Underwood, Jr.....Roslyn Heights, N. Y.
 B.A. (Lehigh Univeristy)
Field of Specialization: Classics
- Marie Ann VanStraaten.....Parma Heights
 A.B. (Oberlin College)
Field of Specialization: History
- Karen Crites Virden.....Tallmadge
 B.Sc. in Edu.
Field of Specialization: Education
- Margo Jean Voltz.....Canton
 B.A. (Malone College)
Field of Specialization: Theatre
- Gary Marvin Waller.....Akron
 B.S. (University of Akron)
Field of Specialization: Education
- Robert Sterrett Weals.....Columbus
 A.B. (Mount Union College)
Field of Specialization: Education
- Bernard Eugene Weiss.....Worthington
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Physical Education
- Charles Howard Wheaton.....Havertown, Pa.
 A.B. (Oberlin College)
Field of Specialization: Psychology
- Paul Carlton Whitacre, Jr.....Morrow
 B.Sc. in Edu.
Field of Specialization: History
- William Frank Wilde.....Canton
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Darnell Williams.....Banning, Calif.
 B.S. (Bishop College)
Field of Specialization: Romance Languages
- Marsha Lyn Wolowic.....Columbus
 B.A.
Field of Specialization: Journalism
- Ann Burkhardt Yoshimura.....Columbus
 B.A. (Purdue University)
Field of Specialization: Romance Languages
- Stanley David Zell.....Cleveland
 B.Sc. in Edu.
Field of Specialization: History
- Master of Business Administration** *(Thirty-one candidates)*
- Anatol Ahijevych.....Sugar Creek
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

- Richard James Ballard.....North Canton
 B.B.A. (George Washington University)
Field of Specialization: Business Organization
- William Donald Bradford.....Garfield Heights
 B.A. (Howard University)
Field of Specialization: Business Organization
- David Howard Brunswick.....South Euclid
 B.I.E.
Field of Specialization: Business Organization
- David Lee Clark.....Shelby
 B.I.E.
Field of Specialization: Business Organization
- William Sims Curry.....Columbus
 B.S. (Business) (Florida State University)
Field of Specialization: Business Organization
- John Louis Dieterich.....Watsonville, Calif.
 B.S., B. of Laws (University of California, Berkeley)
Field of Specialization: Business Organization
- George Thomas Ebenhack.....Pittsburgh, Pa.
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Mark Allan Friedman.....Pittsburgh, Pa.
 B.Sc.
Field of Specialization: Business Organization
- Carl William Gerhard.....Columbus
 B.I.E.
Field of Specialization: Business Organization
- Richard Harold Hoffman.....Columbus
 B.S. in Bus.Adm. (Bowling Green State University)
Field of Specialization: Business Organization
- Dale Phillip Hugo.....Columbus
 B.S. in Bus. (Miami University)
Field of Specialization: Business Organization
- John William Irwin.....Chillicothe
 B.S.C. (Ohio University)
Field of Specialization: Business Organization
- William Gerald Kelly.....Cleveland
 B.I.E.
Field of Specialization: Business Organization
- Stephen Edwin Lance.....Fostoria
 B.C.E.
Field of Specialization: Business Organization
- Robert Allan Lauer.....Poland
 B.I.E.
Field of Specialization: Business Organization

- James Michael Miller.....Pataskala
 B.S. (University of Wisconsin)
Field of Specialization: Business Organization
- Donald LaMarr Ockerman.....Dayton
 B.S.E.E. (University of Kentucky); M.S.E.E. (Air Force Institute of
 Technology)
Field of Specialization: Business Organization
- Richard James Ormsby.....San Francisco, Calif.
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization
- Thad Roger Perry.....Columbus
 B.I.E.
Field of Specialization: Business Organization
- John Ernest Polivka.....West Hempstead, N. Y.
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Richard Edwin Remke.....Cincinnati
 B.S.I.M. (University of Cincinnati)
Field of Specialization: Business Organization
- Richard Joslin Seiwel.....Salisbury, N. C.
 A.B. (Catawba College)
Field of Specialization: Business Organization
- Arthur Michael Shack.....University Heights
 B.A.
Field of Specialization: Business Organization
- John Ervin Sigler.....Oxford
 A.B. (Miami University)
Field of Specialization: Business Organization
- William Paul Smithing.....Cincinnati
 B.S. (University of Illinois)
Field of Specialization: Business Organization
- Richard Abbott Westerman.....Columbus
 B.I.E.
Field of Specialization: Business Organization
- Gary Eugene Willman.....Springfield
 B.S.B.A. (Capital University)
Field of Specialization: Business Organization
- John Robert Windeler.....Columbus
 B.A.
Field of Specialization: Business Organization
- Donald Jack Wood.....Austin, Tex.
 B.A. (Ouachita Baptist College)
Field of Specialization: Business Organization
- Frank William Zalar.....Cleveland
 B.S.B.A. (John Carroll University)
Field of Specialization: Business Organization

- Master of City Planning** *(Three candidates)*
- Roy Emery Baranyay.....Linden, N. J.
 B.S. (Rhode Island School of Design)
Field of Specialization: City Planning
- David Ogden Richardson.....Worcester, Mass.
 A.B. (Emory University, Atlanta, Georgia)
Field of Specialization: City Planning
- Bernhard Georg Stamm.....Schaffhausen, Switzerland
Field of Specialization: City Planning
- Master of Music** *(One candidate)*
- May Brown Schwarz.....Sandusky
 B.M. (Oberlin College)
Field of Specialization: Music
- Master of Science** *(One hundred and thirty-eight candidates)*
- Kenneth John Acuff.....Tallmadge
 B.Sc.
Field of Specialization: Biochemistry
- Marilyn Violet Adderley.....Pembroke West, Bermuda
 B.S. in Nursing (McGill University, Canada)
Field of Specialization: Nursing
- Turman Earl Allen, Jr.....Meridian, Miss.
 B.S. in Med.Tech. (University of Alabama)
Field of Specialization: Pathology
- Luis Alberto Ambulo.....Panama City, Panama
 Ing. (University of Panama)
Field of Specialization: Civil Engineering
- Adil Yousif Atto.....Baghdad, Iraq
 B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Richard Allen Baldesberger.....Pittsburgh, Pa.
 B.S. in Pharm. (Duquesne University)
Field of Specialization: Pharmacy
- Everett Lynn Balk.....Columbus
 B.S. in C.E. (University of Missouri)
Field of Specialization: Civil Engineering
- Frederick Koonce Bell.....Rochester, N. Y.
 B.S.M.E. (Ohio University)
Field of Specialization: Engineering Mechanics
- Diana Jane Blackburn.....Cincinnati
 A.B. (Capital University)
Field of Specialization: Nursing
- Telford Roy Bogle.....West Lafayette
 B.S. (Pennsylvania State University)
Field of Specialization: Agricultural Education

- Jeffry Stephen Bowman.....Ironton
 B.Sc.
Field of Specialization: Physiology
- Mary Ann Jenkins Brackey.....Sciotoville
 B.S. (Bob Jones University)
Field of Specialization: Home Economics
- *Joseph Nathan Brewster.....Swanton
Field of Specialization: Civil Engineering
- Mark Vincent Brown.....Bucyrus
 B.S. (Heidelberg College)
Field of Specialization: Mathematics
- Michael Andrew Brunsvold.....Mason City, Ia.
 D.D.S. (State University of Iowa)
Field of Specialization: Dentistry
- Charles Harrison Cameron.....London
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- *Don Warren Caudy.....Sunbury
Field of Specialization: Mechanical Engineering
- Michael Charles.....Fairborn
 B.S. (United States Air Force Academy)
Field of Specialization: Aeronautical and Astronautical Engineering
- Mary Ann Cox.....Youngstown
 B.S. (Youngstown University)
Field of Specialization: Mathematics
- Rachel Ann Cox.....Columbus
 A.B. (Milligan College); B.Sc. in Edu.
Field of Specialization: Botany
- Harry George Curtis.....Cortez, Colo.
 B.S. (University of Wisconsin)
Field of Specialization: Pathology
- Gene Paul Decker.....Eau Claire, Wis.
 B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Microbiology
- Evelyn Mae DeWalt.....Massillon
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Mark Nathaniel Director.....Elmont, N. Y.
 B.S.A.E. (Purdue University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Philip Edward Doepker.....Ottawa
 B.M.E. (University of Dayton)
Field of Specialization: Mechanical Engineering
- Dorothy King Dygos.....Cincinnati
 B.S. (Bucknell University)
Field of Specialization: Chemistry

* Also Bachelor of Civil Engineering, College of Engineering

* Also Bachelor of Mechanical Engineering, College of Engineering

- Richard Alan Egen.....Dalton, Pa.
 B.S. in E.P. (Lehigh University)
Field of Specialization: Mechanical Engineering
- Wade Ellis, Jr.....Oberlin
 A.B. (Oberlin College)
Field of Specialization: Mathematics
- *Fred Ervin Fischer.....Jefferson
Field of Specialization: Civil Engineering
- Helen Maureen Fitzgerald.....North Creek, N. Y.
 B.S. (Boston College)
Field of Specialization: Nursing
- Catherine Ann Foreman.....Morgan Hill, Calif.
 B.A. (Raymond College)
Field of Specialization: Mathematics
- Danny Gene Fox.....Convoy
 B.Sc. in Agr.
Field of Specialization: Animal Science
- John William Galich, Jr.....Youngstown
 B.S. (Youngstown University)
Field of Specialization: Physiology
- Neil Kenneth Goldwein.....Franklin Square, N. Y.
 B.S. in Engr. (Pratt Institute)
Field of Specialization: Chemical Engineering
- Marie-Christine Guenther.....Columbus
 A.B. (Mount Holyoke College)
Field of Specialization: Chemistry
- Sister M. Ann Kathleen Haines.....Miami, Fla.
 B.S.Nurs. (University of Dayton)
Field of Specialization: Nursing
- Edward Martin Halko.....Parma Heights
 B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering
- Sister Mary Vitalia Harbeck.....Mobile, Ala.
 A.B. (Mount Saint Agnes College, Maryland)
Field of Specialization: Mathematics
- Harold Jonathan Harlan.....Lyndon
 B.Sc. in Agr.
Field of Specialization: Entomology
- Sister Francis Marie Hartman.....Fort Wayne, Ind.
 B.S.Nurs. (University of Dayton)
Field of Specialization: Nursing
- *Dale Lee Hartsock.....Waynesville
Field of Specialization: Mechanical Engineering
- Richard Frank Havlice.....Parma
 B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering

* Also Bachelor of Civil Engineering, College of Engineering
 * Also Bachelor of Mechanical Engineering, College of Engineering

- Karen DuBois Heusel.....Bethesda
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Louella Didget Hill.....Albion, N. Y.
 B.S. in Educ. (State University Teachers College, Oneonta, New York)
Field of Specialization: Home Economics
- William George Hoerger.....Millersburg
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Archer Clarence Holcomb.....Canton
 B.A. (College of Wooster)
Field of Specialization: Physiology
- Arthur Newton Horr, III.....Portsmouth
 B.M.E.
Field of Specialization: Mechanical Engineering
- George Wayne Hothem.....Newcomerstown
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Joan Sill Huey.....Lexington, Ky.
 A.B. (Wittenberg University)
Field of Specialization: Botany
- Allen Martin Hunter, II.....Topeka, Kan.
 B.S. (United States Air Force Academy)
Field of Specialization: Physics
- Lois Jean Inskeep.....Covington, Ky.
 B.S. in Nursing (University of Cincinnati)
Field of Specialization: Nursing
- Thomas Gerald Johns.....Youngstown
 B.E. (Youngstown University)
Field of Specialization: Engineering Mechanics
- Christopher Crawford Jones.....North Bridgton, Me.
 B.A. (Northwestern University)
Field of Specialization: Physics
- Sister Mary Kevin Jones.....Columbus
 B.S. (Saint Mary's College, Notre Dame, Indiana)
Field of Specialization: Nursing
- Phillip Raymond Jones.....Waverly
 B.Sc.
Field of Specialization: Mathematics
- Sarah Murray Junk.....Mt. Sterling
 B.S. in Nursing (Case Western Reserve University)
Field of Specialization: Nursing
- Donald Albert Kadunc.....Euclid
 B.M.E.
Field of Specialization: Industrial Engineering

- Edgar Martins Kauffmann**.....Sao Paulo, Brazil
 Eng.Civil (Universidade Mackenzie)
Field of Specialization: Civil Engineering
- Kathleen Liptak Keller**.....Independence
 B.S. (Notre Dame College, Ohio)
Field of Specialization: Chemistry
- Kathryn Finney Kern**.....Olmsted Falls
 B.Sc.
Field of Specialization: Microbiology
- Ella Massaro Kick**.....Wooster
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Sangsin Kim**.....Seoul, Korea
 M.D. (Catholic Medical College, Seoul, Korea)
Field of Specialization: Pathology
- Sue Marie Kircher**.....Cincinnati
 B.S. in Nursing (University of Cincinnati)
Field of Specialization: Nursing
- William Carl Kleman**.....Ft. Jennings
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Kenneth Kermit Knapp**.....Columbus
 B.S.M.E. (West Virginia Institute of Technology)
Field of Specialization: Mechanical Engineering
- Roger Paul Kolp**.....North Canton
 A.B. (Case Western Reserve University)
Field of Specialization: Mathematics
- Chia Mohr Lau**.....Taipei, Taiwan, China
 B.S. (Taiwan Provincial Cheng Kung University)
Field of Specialization: Civil Engineering
- Willard Huston Leslie**.....Columbus
 B.Sc. in Phys.
Field of Specialization: Physics
- Margaret Williams Lewis**.....Tallahassee, Fla.
 B.S.Nursing (Florida Agricultural and Mechanical University)
Field of Specialization: Nursing
- Geoffrey Andrew Lindsay**.....Columbiana
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Donna Jane Linhart**.....Natrona Heights, Pa.
 B.S.Nurs. (University of Pittsburgh)
Field of Specialization: Nursing
- William Herbert Lomax**.....Mansfield
 B.M.E.
Field of Specialization: Mechanical Engineering
- William Brock Love**.....Winnipeg, Man., Canada
 D.M.D. (University of Manitoba)
Field of Specialization: Dentistry

- David LeRoy Lull.....Wadsworth
 B.Ch.E. (Cleveland State University)
Field of Specialization: Chemical Engineering
- Lucinda Trabue Magruder.....Columbus
 A.B. (Western College) ; B.Sc. in Nurs.
Field of Specialization: Nursing
- Arun Vasant Mandlekar.....Bombay, India
 B.Chem.Eng. (University of Bombay)
Field of Specialization: Chemical Engineering
- David Creamer Marsh.....Shadyside
 B.E.E.
Field of Specialization: Electrical Engineering
- *George Edson Mason.....Cuyahoga Falls
Field of Specialization: Civil Engineering
- Joseph Sylvester Matney.....Grundy, Va.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Industrial Engineering
- Dorothy Kuhlwein McGrath.....Hilliard
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Robert Clive McGuire.....Cleveland
 B.E.M.
Field of Specialization: Mineralogy
- Ali Nawaz Memon.....Karachi, Pakistan
 B.Sc. (University of Karachi)
Field of Specialization: Chemistry
- Edna Mae Menke.....Cincinnati
 B.S.N. (University of Cincinnati)
Field of Specialization: Nursing
- Robert Christopher Miller.....Columbus
 B.S. (University of Nebraska)
Field of Specialization: Dairy Science
- Nelson Jay Moore.....Cincinnati
 B.A. (Manchester College)
Field of Specialization: Zoology
- Douglas Victor Myers.....Conroe, Tex.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Terry Ann Ochsenhirt.....Akron
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Carolyn Jean Oiler.....Sylvania
 B.Sc. in Nurs.
Field of Specialization: Nursing

* Also Bachelor of Civil Engineering, College of Engineering

- Daniel Chris Olson.....Osseo, Wis.
 B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Entomology
- Lowell Edward Parker.....Dayton
 B.S. (University of Illinois); M.B.A.
Field of Specialization: Mechanical Engineering
- Carmen Robert Parkhurst.....Vickery
 B.Sc. in Agr.
Field of Specialization: Poultry Science
- Michael Joe Phillips.....Risingsun
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics
- Donna Eola Pitz.....Westmont, Ill.
 B.S. (Northern Illinois University)
Field of Specialization: Mathematics
- John James Polick.....Chicago, Ill.
 B.A. (Northwestern University)
Field of Specialization: Physics
- Jorge Rojas Ramirez.....San Jose, Costa Rica
 B.A. (Anderson College)
Field of Spjcialization: Zoology
- George Bruce Reed.....Memphis, Tenn.
 B.S. in Civil Engr. (University of Alabama)
Field of Specialization: Geodetic Science
- Sara Eisenhooth Rich.....Wilkes Barre, Pa.
 B.Sc. in Nurs.
Field of Specialization: Nursing
- William Henry Robinette, Jr.....Saint Albans, W. Va.
 B.Sc. in Phys.
Field of Specialization: Physics
- Abel Canizales Rodriguez.....Chitre, Panama
Field of Specialization: Civil Engineering
- Won Byung Roh.....Seoul, Korea
 B.Sc. (Seoul National University)
Field of Specialization: Electrical Engineering
- Jackie Dean Rollins.....Westerville
 B.S. (Nuclear Engr.) (University of Tennessee)
Field of Specialization: Nuclear Engineering
- Michael Collins Rominger.....Indianapolis, Ind.
 B.S.Ch.E. (Purdue University)
Field of Specialization: Chemical Engineering
- Brenton Fred Rooney.....San Jose, Calif.
 B.S. (University of California, Berkeley)
Field of Specialization: Nuclear Engineering
- Richard Stephen Roper.....Campbell
 B.E. (Youngstown University)
Field of Specialization: Electrical Engineering

- Clayton Richard Rowland.....Columbia, S. C.
 B.S. (Pharmacy) (University of South Carolina)
Field of Specialization: Pharmacy
- *George Edward Ruck, Jr.....Lancaster
Field of Specialization: Mechanical Engineering
- Richard Joseph St. Andre.....Grand Rapids, Mich.
 B.S. (Michigan State University)
Field of Specialization: Mathematics
- John Michael Salladay.....Portsmouth
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Sue Anne Sanders.....Fairfield, Ala.
 B.A. (Vanderbilt University)
Field of Specialization: Computer and Information Science
- William Henry Schaper.....Worthington
 B.S.E.E. (Rose Polytechnic Institute)
Field of Specialization: Electrical Engineering
- David Paul Schmader.....Canton
 B.S.E.E. (University of Akron)
Field of Specialization: Electrical Engineering
- Robert Franklyn Schneider, Jr.....Rochester, N. Y.
 B.S. (Cornell University)
Field of Specialization: Animal Science
- Charles Reed Schwarz.....Washington, D. C.
 B.A. (Dartmouth College)
Field of Specialization: Geodetic Science
- James William Sebert.....Dayton
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Ming Kang Shieh.....Taiwan, China
 B.S. (National Chung Cheng University); M.Sc.
Field of Specialization: Engineering Mechanics
- *Ronald Jack Shore.....Jefferson
Field of Specialization: Welding Engineering
- Carol Brown Sigmund.....Germantown
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Barbara Jane Sikora.....Canton
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Paul Wesley Simmons.....Delaware
 B.C.E.
Field of Specialization: Civil Engineering

* Also Bachelor of Mechanical Engineering, College of Engineering
 * Also Bachelor of Welding Engineering, College of Engineering

- Virendra Kumar Singh.....Ballia, Uttar Pradesh, India
 B.Sc., M.Sc. (Agra University)
Field of Specialization: Dairy Technology
- Birandra Kumar Sinha.....Gaya, Bihar, India
 B.Sc. (Bihar University); M.Sc. (Patna University)
Field of Specialization: Chemistry
- Eleanor Bachofen Skelley.....Columbus
 B.Sc.
Field of Specialization: Pharmacology
- *Robert Owen Slonaker.....Baltimore
Field of Specialization: Metallurgical Engineering
- William Philip Smith.....Gallipolis
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Nimitchai Snitbhan.....Bangkok, Thailand
 B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Chung Min Song.....Seoul, Korea
 B.S. (Utah State University)
Field of Specialization: Zoology
- *David Lee Starr.....Spencerville
Field of Specialization: Aeronautical and Astronautical Engineering
- Gordon Clair Tamplin.....Dayton
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Eugene Alfred Taylor.....Rockville, Md.
 B.S.C.E. (University of Massachusetts)
Field of Specialization: Geodetic Science
- Edward John Trainor.....Waterloo, N. Y.
 B.S.A. (University of Georgia)
Field of Specialization: Agricultural Economics
- Robert Douglas Vance.....Raymond, Alta., Canada
 B.S. (Brigham Young University)
Field of Specialization: Animal Science
- Gerald Leroy Vaneman.....Beaver Falls, Pa.
 B.S. in Met.Engr. (University of Pittsburgh)
Field of Specialization: Metallurgical Engineering
- Francisco M. Vera-Filho.....Rio De Janeiro, Brazil
 B.S. (University of Guanabara)
Field of Specialization: Agricultural Economics and Rural Sociology
- Chin-liang Wang.....Kaohsiung, Taiwan, China
 B.S. in Engr. (National Taiwan University)
Field of Specialization: Civil Engineering
- Constance Conklin Weakley.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing

* Also Bachelor of Metallurgical Engineering, College of Engineering

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

- Floyd Emerson Wicks.....Warren
 B.C.E.
Field of Specialization: Civil Engineering
- Robert Lee Williams.....Granville
 B.A. (Muskingum College) ; B.Sc.
Field of Specialization: Geology
- *Allen Paul Zimmerman.....Norwalk
Field of Specialization: Agricultural Engineering
- * Also Bachelor of Agricultural Engineering, College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig

Acting Dean for Undergraduate Programs: Robert A. Oetjen

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

College of The Arts

Dean: O. Lee Rigsby

College of Biological Sciences

Acting Dean: John D. Briggs

College of Humanities

Dean: Charles L. Babcock

**College of Mathematics
and Physical Sciences**

Dean: Geoffrey Keller

**College of Social
and Behavioral Sciences**

Dean: Paul G. Craig

Bachelor of Arts

(One hundred and fifty-one)

Susan Lee Allison.....	Worthington
Michael Duncan Andes.....	Columbus
Thomas Franklin Andris.....	Marietta
*Julia House Ayers.....	Franklin
John Henry Babbs.....	Columbus
Robert Alan Bailey.....	Lockport, N. Y.
Jean Ann Baldwin.....	Lancaster
Jerry Mason Beauchamp.....	Independence, Mo.
Barbara Elise Belitz.....	Trotwood
Pamela Jane Bell.....	Columbus
Barbara Winsor Bigelow.....	Canton
Patricia Anne Blake.....	Cleveland
Barbara Gay Bolt.....	Westerville
Dorothy Boyd.....	Uniontown, Pa.
Karl Frederic Braun.....	Willoughby
Mitchell Craig Breece.....	Sidney
Richard McKenna Brooks.....	Columbus
Beverly Ruth Brown.....	Columbus
Ronald Kenneth Burleigh.....	North Canton
Linda Lee Bush.....	Bedford Heights
Samuel Lee Calig.....	Zanesville
Thomas Kenneth Campbell (cum laude).....	Newark
Thomas Richard Carper.....	Largo, Fla.
Eugene Catania.....	Paterson, N. J.
F. Jane Chamberlin.....	Dayton
James Peter Cieply.....	Cleveland
Stephen Michael Clowery.....	Toledo
Sheila Cluggish (cum laude).....	Newark
William Patrick Coleman.....	Crestline
James R. D. Collins.....	Cold Spring Harbor, N. Y.
Patrick Joseph Collins.....	Columbus
Susan Barnes Collins (cum laude).....	Columbus
David Nuttall Crump, Jr.....	Chagrin Falls
Albert Eugene Cydrus.....	Chillicothe
Michael Gary Davis.....	Cleveland
Roger Allen Davis.....	Payne
Carol Sue Detweiler (cum laude).....	West Liberty
Gary Eugene Dittoe.....	Zanesville

* Also Bachelor of Science in Education, College of Education

Donald Lloyd Dunnington.....	Lancaster
Thomas Michael Eakman.....	Springfield
Charles Douglas Edwards (cum laude).....	Cincinnati
Susan Patterson Egleston.....	Rocky River
William Chris Eickhof, III.....	Columbus
Robert Winfield Elsass, Jr.....	Cuyahoga Falls
William Woodrow Elster.....	Columbus
Thomas Joseph Emory, Jr.....	Kingsville, Md.
William Lawrence Evans.....	Whitehall
Rebecca Jeanne Fedor.....	Cuyahoga Falls
Antony Nathan Fischer.....	Washington, D. C.
Michael Flax.....	Stamford, Conn.
Michael Earl Folmar.....	Windham
Grace Anne Franklin.....	Fairborn
Maxine Joyce Freeze.....	Trotwood
Edward Franklin Frey.....	Cincinnati
Susan Christine Frey.....	Cincinnati
Donald Wayne Fulmer.....	Bellefontaine
Gretchen Gee.....	St. Clairsville
James Edwin Gergat.....	Bowling Green
Christopher Melvin Gibson.....	Columbus
Douglas Daniel Grasso.....	Waterbury, Conn.
Douglas Mark Gudenkauf.....	Columbus
Madeleine Guggenaster, B.Sc. in Edu.....	Columbus
Albert Wesley Harris, Jr.....	Columbus
Stephen Carl Hartman.....	Mansfield
David Lee Haugh.....	Tiffin
Cipriano Sanchez Hernandez.....	Cleveland
Ronald Earl Hise.....	Columbus
Bruce Lee Holsclaw.....	Mansfield
Robert Thomas Host.....	Rossford
Charles Edwin Howell.....	Mansfield
Maria Hruscov.....	Lakewood
Timothy Ewing Hunt (cum laude).....	Coshocton
James Kerr Hunter, III.....	Columbus
Joseph William Jacobs.....	Columbus
Barbara LaVern Jones.....	Worthington
Garlandine Jones.....	Cleveland
Sandra Lee Kalenik.....	Fairfield, Conn.
Paul Matthew Katz.....	Cleveland Heights
Dale Stanley Kessler, B.Sc.....	Westerville
James Alan Kiener.....	Columbus
Georgiann Johnson Kindler.....	Akron
Katherine Ann Kramer.....	Columbus
Karen Anne Lampman.....	Cleveland
Lois Ann Lieberman.....	Cleveland
Michael Joseph Loughman.....	Mansfield
Patricia Sue Lucas.....	Lancaster
Elizabeth Ruth Lwanga.....	Kampala, Uganda
Karen Lee Marsh (summa cum laude and with Distinction in English).....	Cincinnati
Gayle Elizabeth Martin.....	Vermilion
Nancy Lou McNash.....	Rocky River
Lawrence Michael McVan.....	Akron
Adelheid Maria Medicus.....	Dayton
Nancy Jane Melia.....	South Toms River, N. J.
Charles Webster Merritt.....	Springfield

Robert Edward Messham, Jr.....Dayton
 Lynda Hull Metzger.....Tiffin
 Richard Paul Moffa (cum laude).....Pelham, N.Y.
 John Francis Monaco, Jr.....Dorchester, Mass.
 Thomas Harrison Moore.....Worthington
 Sarah Ann Murray.....Rocky River
 Judith Elaine Nell.....Dover, Pa.
 Seamus Nicholson.....Dayton
 William McCormick Noel.....Columbus
 Nancy Elizabeth North.....Canal Winchester
 Victor Lee Office.....Englewood
 Susan Sinclair Osborne.....Peru, N. Y.
 Cleland William Parker.....Cincinnati
 Toby Leigh Pearson.....Westerville
 Dennis Richard Piatak.....Cleveland
 Peter Jay Pitkin.....Columbus
 Joseph LeRay Potts.....Columbus
 Dennis Ray Powell.....Piqua
 James Alan Pribble.....Columbus
 David Lee Rader.....Columbus
 Todd Ross Reilly.....Cuyahoga Falls
 Gretchen Lee Ress.....Columbus
 David Claude Roberts.....Canton
 Frank Thomas Roberts.....Bannock
 Glenn Ronald Roderman.....Hallandale, Fla.
 Stephen Samuel Ruehle (cum laude).....Toledo
 Harold Richard Samples, Jr.....Jewett
 Kathleen Sanders.....Cincinnati
 Sherry Sweeney Sawchak.....Valley Stream, N. Y.
 Barbara Lee Schafer.....Ashland
 Stephen Edgar Schafer (cum laude).....Columbus
 *John Joseph Schiller.....Bellaire
 Robert Alan Schoenman.....Mansfield
 Michael James Shane.....Jamestown
 William Richard Sheehan, Jr.....Columbus
 Peter Wesley Shirk.....Worthington
 Steva Marie Sims.....Columbus
 William Emil Skuban.....Cleveland
 Richard Allen Smith.....Swanton
 Hindea Joyce Sohn.....Chicago, Ill.
 Leslie B. Swinford, Jr.....Columbus
 Lee Charles Tashjian, Jr.....Sylvania
 Wayne Windsor Taylor.....Akron
 Michael Robert Toombs.....Dayton
 George Eugene Tootle, Jr.....Circleville
 Karen Ethel Topolosky.....Columbus
 David George Vandenberg.....Dayton
 Jean Elliott Van Dyne, Jr.....Bridgeport
 Ted Charles Vollmuth.....Columbus
 William Edgar Wallower.....Manhasset, N. Y.
 Robert Leonard Weber.....Columbus
 Lawrence Paul Wilkins.....Bellefontaine
 Ken Michael Williams.....Columbus
 Susan Williams.....Dayton
 Richard Lee Wilson.....Sandusky

* Also Bachelor of Science in Education, College of Education

Doreen Higdon Wohl.....Columbus
 Geoffrey Paul Wozney.....Parma

Bachelor of Science

(Sixty-nine candidates)

Martin John Anastasi.....Springfield
 Harold Lee Arnette.....Columbus
 Percy Coleman Banks, Jr.....Phoenixville, Pa.
 Jon Robert Barkhurst.....Galion
 LuJean Onweller Bay.....Delta
 Robert Roy Begland.....Columbus
 Robert Edgar Bellamy.....Sandusky
 Lauranne Alicia Biribauer.....Cranford, N. J.
 Thomas Joseph Boehm.....Cleveland
 Thomas Richard Bonnett.....Akron
 Lela Mae Boykin.....Cleveland
 Eleny Kemp Brady.....Springfield
 Warren Dale Britt (cum laude).....St. Johns
 Thomas Arthur Carothers.....Clyde
 Sye Cockrel, Jr.....Columbus
 John Robert Connelly.....Youngstown
 Bradford Lee Cook.....Columbus
 John Dean Daulton.....Seaman
 Richard Edward Day.....Granville
 Francisco Lyle Demandante.....Columbus
 Anthony Joseph Donato.....Gahanna
 Deborah Downs.....Williamsport
 Gene Ralph Eckler.....Sandusky
 Evelyn Aronowitz Feder.....Reynoldsburg
 Susan Alice Frayer.....North Canton
 Alan Douglas Fruehan.....Lakewood
 Ronald Louis Gombos.....Barberton
 Carrel Edward Grantham, Jr.....Hilliard
 James Lynn Haas.....Columbus
 Richard Dale Hall.....Worthington
 Charles Edwin Harget.....Toledo
 Suzanne Harman (cum laude).....Canal Winchester
 John Alan Harri.....Fairport Harbor
 Edward Field Hawkinson.....Cincinnati
 William Macon Hilt.....Dayton
 Vaughn Allan Hoblet.....Archbold
 Richard Michael Holzen.....Vandalia
 John Frederick Houchin.....Springfield
 Michael Woodard Hughes.....Sandusky
 John Robert Hutson, II.....Columbus
 Bruce Stuart Jaffe.....Cleveland
 Joyce Violi Lumannick.....Steubenville
 John William Martyny.....Lyndhurst
 David Mayer.....Columbus
 William Lawrence McDermid.....Dayton
 Pirooz Modavi.....Teheran, Iran
 Gary Robert Neumann.....Cleveland
 Larry Dwight Oliver.....Jackson
 Richard Wendell Olsen.....Bloomington, Ind.
 Richard Willis Pontius.....Akron
 Marsha Conant Pritchard (summa cum laude).....Wilmington, Del.
 John Henry Rankin.....North Olmsted

William Wallace Reynolds, III..... Euclid
 Judith Dart Romer (cum laude)..... Roanoke, Va.
 Steven Willis Samuelson..... Columbus
 Daniel Anthony Schaefer..... Oberlin
 Vernon Frederick Siber, Jr., B.A. (MacMurray College)..... Canal Fulton
 Gerald Eugene Simonton..... Springfield
 Diane Marie Smith..... Parma
 James Robert Smith..... Lorain
 Mary Weinstock Sokol..... Vincent
 Gerald Thomas Sunbury..... Columbus
 Robert Charles Sylvester..... Woodsfield
 James Howard Tassell..... Oregon
 Ronald Lee VanHorn..... Dayton
 Judy Ann Wagner..... Glenside, Pa.
 Pei Hsun Wang..... Fairport Harbor
 Neil Doyle Ware..... Cuyahoga Falls
 Michael Kent Weisel..... Great Neck, N. Y.

College of The Arts

Dean: *O. Lee Rigsby*

Bachelor of Fine Arts

(Ten candidates)

Douglas Richard Carpenter.....	Novelty
Neal Andrew Corcoran, Jr.....	Williamsport
Thomas Ira Friend.....	Lima
Martha Resch Garner.....	Columbus
Michael Bush Hammond.....	Ashland
Jeryn Thomas Humphrey.....	Columbus
Michael Butler Jones.....	Galena
Donald Ray McClelland.....	Wooster
Judy Doss Niese.....	Hillsboro
Ellis Robert Veatch, II.....	Anchorage, Alas.

Bachelor of Music

(One candidate)

David Richard Kortier.....	Sylvania
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College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

(Nine candidates)

Sharon DeÉdra Brown.....	Ellicott City, Md.
Karen Fiaone Connolly.....	Columbus
James Dennis Howard.....	Columbus
Dianne Kushner.....	Columbus
James Frank Lummanick (cum laude and with Distinction in Journalism)	Parma
James Edward McDonald.....	Columbus
Marcia Lynne Mehser.....	Portsmouth
Maria Vittoria Norris.....	Columbus
Eric James Spilker.....	Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(One hundred and forty-eight candidates)

Richard Charles Abrams	Cleveland
John Terrance Albanese	Columbus
Paul Richard Axline	Waldo
Stuart Stephen Babin	Euclid
David Guy Baldini	Columbus
Ralph Eugene Barnhart	Wapakoneta
Sheila Margaret Barrett	Columbus
Arthur Benjamin Basso	Parma
Raymond James Bauman	Chagrin Falls
Michael Allan Bauble	Payne
Daniel Cooper Bear	Columbus
Robert Lewis Bernhard	Cadiz
David Alan Blair	Youngstown
James Phillip Blair, II	Finleyville, Pa.
Rodney William Bracken	Sharon, Pa.
Denny Lee Brown	St. Marys
Gary Lee Buckingham	Sunbury
William Joseph Burger	Columbus
Asbury Ladimir Burgin	Euclid
Ray Vernon Burkitt	Springfield
Donald Allen Bush	Smithfield, Va.
Keith Belvin Bush	Columbus
Stephen Joseph Callinan	Columbus
Sue Ann Carey	Troy
Keith Allen Chrissing	Columbus
James Theodore Christopher	Lorain
William Edward Clinger, Jr.	Cleveland
Allen Harris Cohen	Columbus
Anthony Carl Conte	Utica, N. Y.
Jerrold J. Coon	Mansfield
Dianne Marie Coughlin	Kettering
Terry Michael Covell	Columbus
Thomas Edward Creamer	Columbus
Douglas Harry Dean	Perrysburg
Kenneth Michael DeWitt	Delaware
Robert Charles Dille	Bedford
LaVerne Ernest Dillon	Upper Sandusky
Richard Paul DiPaolo, Jr.	Columbus
James Ray Donahue, II	Steubenville
Carl Henry Duckwall	Dayton
Dan Dean Dunlap	Waldo
Daniel Lee Elsass	Botkins
Roger Carr Essig	Columbus
Robert William Evans	Xenia
Charles Robert Fair	Palm Beach Gardens, Fla.
John Patrick Flood	Mansfield
Donald Patrick Fogarty	Columbus
Charles Raphael Foley	Springfield
Lawrence Charles Frankel	Columbus
Michael Monroe Freda	Columbus

Merle Douglas Fulton.....Lucas
 Dennis Morton Gallagher.....Mt. Gilead
 Roger Louis Gentile.....Columbus
 William Michael George.....West Jefferson
 Bruce Leslie Gillman.....Wadsworth
 Fredrick LeRoy Glassford.....Marion
 Robert Michael Graham.....Columbus
 Alan Roy Greenleaf.....Rocky River
 Daniel Timothy Groomes.....Columbus
 John William Guild.....New Richmond
 James Richard Hare, Jr.....Troy
 Robert Gregory Harris.....Cleveland
 David Edward Hartzell.....Canton
 John Jay Heiniger.....Columbus
 Gerald Fredrick Hoch, II.....Columbus
 David Remy Hoffman.....Cleveland
 Donald Earl Howard.....Gahanna
 Gary John Hren.....Cleveland
 Robert Theodore Johnson.....Logan
 Eric Lynn Jones.....Granville
 James Allan Jusak.....North Royalton
 Larry Allan Kahn.....Cincinnati
 Gerald Louis Kavka.....Elrama, Pa.
 John Joseph Kennedy, Jr.....Columbus
 Kirk Harold Keple.....Downey, Calif.
 Melvin Lamont Kindle.....Columbus
 Billy Jo King.....Logan
 Nancy Jane Kirkland.....Dayton
 Roy Gustav Krause.....Brunswick
 Daniel William Krupp.....Columbus
 Charles Pierce Lang, Jr.....Cincinnati
 Dale Ellis Lauer.....Amherst
 James Klahr Leitz.....Willard
 Daniel Newton Lewis.....Jackson
 Stephen Victor Liberman.....Paterson, N. J.
 Ronald David Lieberman.....Columbus
 Theodore John Logan.....Kinsman
 Gerald Walker Lowe.....Middletown
 Glenn Ray Marchal.....Mt. Vernon
 Lawrence Raymond Mares.....Columbus
 William Vincent Maslyk.....Columbus
 Jack Allen McDonald.....Pataskala
 John Francis McDonough, III.....Elyria
 Steven Lee Miley.....Galion
 Joseph Howard Miller.....Granville
 James Thomas Moran.....Cleveland
 Michael Leslie Munjas.....Bellaire
 Michael Alan Muskat.....New York, N. Y.
 Leonard Charles Myers.....Columbus
 Thomas Alden Myers.....Copley
 William Raymond Norris, Jr.....Whitehall
 Marsha Lynne Opritza.....Canfield
 Daniel Joseph Orf.....Kettering
 William Thomas Patterson (cum laude).....Columbus
 Kenneth Anthony Pesavento.....Lockport, Ill.
 James Gorden Pockmire.....Akron
 Edward John Price.....Columbus

Elliot Van Prigozen.....	Hewlett, N. Y.
William Allen Probst.....	Marion
William Harrold Pulliam.....	Columbus
Richard Gary Racek.....	Cleveland
Dale Ivor Raffeld.....	Columbus
John Edward Rast.....	Columbus
David Joseph Redli.....	Cleveland
John Fredrick Reitz.....	Olmsted Falls
Wayne Werner Rickert.....	Wapakoneta
James Albert Rigby.....	Newton Falls
John Anthony Rinaldi.....	Cleveland
Joseph Paul Ritchie.....	Cleveland
Gary Eugene Ruhe.....	Ottawa
John Francis Rutter.....	Hinckley
Douglas William Ryan.....	Columbus
William Leander Sandstrom.....	Painesville
Ernest Thomas Sarr.....	Huron
Stephen Charles Scheiderer.....	Marysville
Marc Bernard Schmittke.....	Cleveland Heights
Gary Michael Schweickart.....	Columbus
Robert Clell Sedgwick, Jr.....	West Mansfield
Mark Frederick Sell.....	Tiffin
Stephen Wayne South.....	Hebron
Richard Lee Stewart.....	Columbus
Ronald Stewart.....	Columbus
Michael Charles Swartz.....	Columbus
Stuart Eugene Teach.....	Columbus
Richard Eugene Todd.....	Wakeman
James D. VanDeGrift.....	Dayton
Joseph Albert Van Dyck.....	Delaware
Ronald Albert Vanke.....	Barberton
David Robert Waller.....	Canton
Robert Lynn Warner.....	Dayton
Robert Allen Werner.....	Columbus
Joel Richard Williams.....	Greenville
Karl Wayne Wilson.....	Columbus
Robert Theodore Wilson.....	Canton
Thomas Cook Woodward.....	Lancaster
Michael Aloysius Wyss.....	Columbus
Richard George Zidjunas.....	Bedford Heights
Jeffred Frederick Zureick.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Twenty-six candidates)

Mary Jo Arnold.....	Canfield
Joan Tanner Baldwin.....	Kettering
Catherine Jane Ball.....	Cleveland
Jeanne Ann Begien.....	Columbus
Daniel Norman Burdekin.....	Columbus
James Byron Carruth.....	Perrysburg
Sharon Duberstein Cohen.....	Dayton
Mona Kathleen Fink.....	Canton
Roberta Doherty Fulton.....	Fairview Park
Gwennyth Jean Gosewisch.....	Bay Village
John Collier Hagerty.....	Washington C. H.
Nancy Lee Hill.....	Coshocton
Susan Elaine Hopkins.....	Columbus
Caryn Sue Koppelman.....	Cleveland Heights
Lynne Leitenberger.....	Erie, Pa.
Hazel Dudgeon Mann.....	Columbus
Richard Andrew Molinari.....	Fulton, N. Y.
Carol June Norton.....	Canton
Kristin Cecilia Rader.....	Coshocton
Michaelene Roney.....	Akron
Kathryn Ann Rotolo.....	Columbus
Marlin Kay Saintenoy.....	Barberton
Mary Vogt Schwartz.....	Cincinnati
Marilyn Fowls Sears.....	Centerburg
Joan Evelyn Shuster.....	Delaware
Charlotte Jean Wilhelm.....	Chillicothe

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Seventy-nine candidates)

Louis Henry Baumann.....	West Chester
Terryl Lee Beck.....	Berlin Heights
Robert David Beery, Jr.....	Lancaster
Vincent Paul Billiter.....	Cincinnati
Alan Edward Buchler.....	Cleveland Heights
Tim Lawrence Buckley.....	Oxford
Gary Lynn Burky.....	New Philadelphia
David Lowen Carr.....	North Madison
John Patrick Cottier.....	Maumees
Kenneth Christopher Coulter.....	Zanesville
Daryl Lee Deering.....	Monroeville
Gary Duane Demorest.....	Waldo
James Harvey Dusthimer.....	Newark
William Christopher Eglet.....	Cleveland
Charles Thomas Evans.....	Richwood
Timothy Blair Folck.....	Springfield
Glenn Wayne Gaskill.....	Newcomerstown
Mark Conrad Giles.....	Reynoldsburg
David Edward Gilson.....	Painesville
James Everett Gunn.....	West Unity
Kenneth Otto Haack, II.....	Tiffin
Paul Max Heimlich.....	Mt. Gilead
Larry James Helzer.....	Whitehouse
Philip Lee Hobbs.....	Lancaster
Edward Joseph Hoene.....	Bryan
Carl Richard Holter.....	Racine
David Lee Howard.....	Dayton
James Allen James.....	Bowling Green
Harry Samuel Johnston.....	Scio
David Michael Jordan.....	Mt. Gilead
Clarence Dale Jostpille.....	Fort Jennings
David Dale Kapple.....	Cherry Creek, N. Y.
Thomas Alfred Karbler.....	Vickery
Jeffrey Lewis Keirns.....	Gahanna
Jerome Frank Langenkamp.....	Yorkshire
Rose Arlene Laux.....	Perry
Robert Edward Lee, Jr.....	Bolivar
Walter Ernest Leeman.....	Brewster
Allan Eugene Lehman.....	Swanton
Gerald Ralph Limes.....	Bowling Green
Robert Earl Lint.....	Canton
Lauren Gene Lloyd.....	Bowling Green
David Edward Mackert.....	Lorain
Duane Joseph Marhefka.....	Kensington
Thomas Charles Marsh.....	Greenfield
John William Martin.....	Georgetown
James Ray McConnell.....	Wellington
Cheryl Anne McGregor.....	Westlake
Francis D. McManus.....	Springfield
John Henry Metz.....	Norwalk
David Lynn Myers.....	Clyde

Lawrence Thomas Neff.....	Lyndhurst
George Vaughn Osborne.....	Quaker City
James Carl Papritan.....	Lancaster
Larry James Perdue.....	Laura
Dennis Lynn Polter.....	Lima
John Read Powers, Jr.....	Girard
Lois Morrow Price.....	Columbus
Eugene James Puskas.....	Lakewood
Lee Allen Rawn.....	Reynoldsburg
Stephen Daniel Richey.....	Miamisburg
Christian Jacob Roth, Jr.....	Columbus
Roy Martin Roush.....	Orient
Marvin Gene Rupp (cum laude).....	West Unity
Larry Dale Sands.....	Newark
Charles Clifford Schwartz.....	Clifton
James Robert Showers.....	Newton Falls
John Richard Shupert.....	Seaman
Mary Frances Sickinger.....	Chesterland
John Dean Slates (cum laude).....	Scio
Dennis Arthur Smith.....	Cridersville
Ernest Charles Smith.....	Sherrodsville
John Thomas Sommers, III.....	Urbana
Darrell Gregory Thompson.....	Bloomingsburg
Michael Richard Wade.....	Bellville
Thomas Alden Watson, Jr.....	Newcomerstown
Howard Medick Willson.....	Worthington
Raymond Eugene Woodring.....	Defiance
Marion Richard Woods.....	Mt. Sterling

Bachelor of Science in Nutrition

(One candidate)

Richard Alan Paul.....	Lykens, Pa.
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School of Home Economics

Bachelor of Science in Home Economics

(Forty candidates)

Saundra Emilia Angotti.....	Manhasset Hills, N. Y.
Patricia Lee Barrett.....	Delaware
Karen Lisa Bernt.....	Dayton
Mary Ruth Blake.....	East Hartford, Conn.
Marianne Vandenburg Bradley.....	Pataskala
Joyce Watson Carpenter.....	Barnesville
Linda Guyette Case.....	Columbus
Judith Thaxton Cool.....	Charleston, W. Va.
Janet Metcalf Dugan.....	Columbus
Sandra Lee Eyman.....	Springfield
Joyce Hutchison Funk.....	Columbus
Sally Rossbach Gerboth.....	Chardon
Linda Howald Hedges.....	Delaware
Ruth Binegar Hunter.....	Washington C. H.
Judith Carol Janz.....	Columbus
Laureen Wood Jauch.....	Granville

Martha Jane Klein.....	Ashtabula
Carol Ann May.....	Delaware
Nancy Lou McDaniel.....	Worthington
Mary Elizabeth McGean.....	Pittsburgh, Pa.
Judith Sally Michaelis.....	Defiance
Anne Kimberly Nash.....	Springfield
Judith Ann Nestor.....	Dayton
Joanne Louise Overmyer.....	Greenville
Sharon Jane Randels.....	Canton
Marsha Jane Ricker.....	New Philadelphia
Nancy Ellen Robinson.....	Delaware
Dorothy Jo Rose.....	Lauderhill, Fla.
Carolyn Jean Rubins.....	Cuyahoga Falls
Harriet Lee Scheiner.....	Cleveland
Elaine Gisha Schultz.....	Dayton
Jo Ann Schultz.....	St. Marys
Gay Peterson Sharp.....	Amanda
Dianne Lynn Shirley.....	Vermilion
Joanne Christine Siconolfi.....	Eastchester, N. Y.
Lynne Kaye Smith.....	Springfield
Sharon Ann Snavely.....	Bellville
Shirley Ann Waterman.....	Steubenville
Joyce Ada Whinnery.....	Salem
Shirley Jean Wohlers.....	Port Clinton

Bachelor of Science in Restaurant Management

(Two candidates)

Robert Joseph Broderick.....	Troy, N. Y.
Robert Bruce Morrison.....	Akron

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(One candidate)

George John Hazel, Jr., B.S. (Xavier University) Parma

College of Education

Dean: *Luvorn L. Cunningham*

Bachelor of Science in Education

(Two hundred and thirty-eight candidates)

Linda McDonnell Adamsen.....	Columbus
Robin Reiss Adamski.....	Huntington, N. Y.
Sara Judith Ain.....	New York, N. Y.
Amy Melvin Allen.....	Dayton
Penny Allen.....	Cedarhurst, N. Y.
Cheryl Jeanne Archer.....	Columbus
Jeffery Jay Arnold.....	New Philadelphia
Karen Sue Arnold.....	Lebanon
Charlotte King Ashton.....	Columbus
*Julia House Ayers.....	Franklin
Marlys Louise Baird.....	Newcomerstown
Gerald Eugene Baker.....	Columbus
George Dana Barber.....	Mt. Gilead
Ted Charles Bauer.....	Troy
Marian Pollina Baumann.....	Columbus
Dudley Alan Beaver.....	Piqua
Lytton Victor Beeler.....	Columbus
Robert Haughton Benedict.....	Columbus
Lamar James Bennett.....	Clyde
Marjorie Hewitt Bennett.....	Columbus
Barbara Jo Bibler.....	Newark
Jeanne Louise Blair.....	Newbury
Barbara Jean Bleakley.....	Columbus
Barbara Zell Boedicker.....	Lima
Margaret Ellen Borell.....	Martins Ferry
Diana Jean Bowsher.....	Lima
Jill Loren Boyd.....	Columbus
Patricia Louise Braun.....	Galion
Dudley Clinton Bravard.....	Columbus
Joan Barbara Brenner.....	Mt. Vernon, N. Y.
Elizabeth Bohl Burck.....	Fayetteville
Janis Lynne Busch.....	Rocky River
Patricia Marie Carroll.....	Mineola, N. Y.
Richard Eugene Chandler.....	Columbus
Charles Michael Chatlos.....	Lakewood
Fred Gregory Ciabocchi.....	Peckville, Pa.
Heather Lorber Claibourne.....	Chesterland
Constance Lorene Clark.....	Sidney
Judith Jay Cohen.....	Canton
Robert William Cook.....	Johnstown
Karen Kay Corderman.....	Lima
Maureen Monske Cote (cum laude).....	Grafton
Daniel Eugene Coverstone.....	Sidney
Cynthia Weekes Cowlin.....	Hamburg, N. Y.
Jonathan Richard Crosse (cum laude).....	Fairborn
Katrina Sanford Crum.....	Hudson
Dennis Roger Dale.....	Cleveland
Karen Patricia David.....	Swanton
Joan Lynne Davis.....	South Orange, N. J.
Sue Pearce Davis.....	Lancaster

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

Susan Cherrington Davis.....Circleville
 Patricia More Dawson.....Amlin
 Carol Dorn Dean.....Perrysburg
 Barbara Weber Deuschle.....Delphos
 Theresa Campbell Dinan.....Youngstown
 Eleanor Garrett Dixon.....Columbus
 Betty Louise Domasky.....Mansfield
 Katharine Ellen Dougherty.....Falls Church, Va.
 Barbara Faye Duncan.....Columbus
 Judith Cash Eddy.....Columbus
 Lucien Leroy Edmonds.....Columbus
 Kathleen Gail Ehman.....Dayton
 Thomas J. Ehrlich, A.B. (Rutgers University).....Columbus
 James Arthur Elshire.....Wapakoneta
 Brenda Kay Ely.....Sidney
 Linda White Emerson.....Bucyrus
 Michael Henry Engelmeyer.....Reynoldsburg
 Edgar Lawrence Erlanger.....Mt. Vernon
 Rosemary Essenwine.....Fairborn
 John Wilbur Ewell.....Wellington
 Maureen Louise Finn, B.A.....Columbus
 Ralph Wayne Fuhrman.....Lima
 Patrick Eugene Funk.....Somerset
 Linda Stevenson Gabriel.....Columbus
 Linda Kay Gerson.....Dayton
 Susan Lee Getzendiner.....Perry
 Vivienne Joyce Ginsberg.....Miami Beach, Fla.
 Lynda Schoenstein Glanz.....Cleveland Heights
 Richard Ronald Glaze.....Westerville
 Lynn Stein Goldenberg.....Skokie, Ill.
 Joseph Aaron Goodrich.....Columbus
 Kathleen Rae Graler, B.A. (University of Kentucky).....Cincinnati
 Mary Purcell Graor.....Elyria
 Doree Jean Greendyke.....Greenville
 Lucille Rapp Grossman.....Columbus
 Harold Dale Grubs, III.....Sylvania
 Phyllis Krems Grundstein.....Columbus
 Lynne Mason Gunning.....Columbus
 Diane Siegel Haas.....Columbus
 Claudia Crook Hansley.....Columbus
 Alice Hatcher Harker.....Columbus
 Margaret Gertrude Harris.....Columbus
 William English Herd.....Columbus
 Jerelyn Hampton Hindman.....Columbus
 Julie Ann Hinton.....Canton
 Linda Agler Hobbs.....Columbus
 Michael Jeffrey Hochman.....University Heights
 David Gene Hoover.....Mansfield
 Shirley Ann Hornsburger.....Columbus
 Bonita Roslyn Howe.....Cheverly, Md.
 David Rolland Hoy.....New Carlisle
 Patricia Plankenhorn Huff.....Lima
 Shirley Krieg Hunter.....Cincinnati
 Ann Ferguson Imbody.....Marion
 Carol Hungate Irion.....Columbus
 Mary Elam Irion.....Columbus
 Gayle Lee Jackson.....Harrison

Judith Beckerdite Jamieson.....	Columbus
James Mark Johnson.....	Marysville
Kandace Lee Judkins.....	Greenfield
Judith Ann Keller.....	Heath
James William Kerr.....	Petersburg
Barbara Brown Kibby.....	Cincinnati
William Emerson Kilbourne, III.....	Grove City
Kathy Ann King.....	Sharon, Pa.
Mary Kay Gerdeman Kitchen.....	Columbus
James Edward Klinksick.....	Columbus
Kathleen Ann Klippel.....	Mansfield
Candace Priess Klosinski.....	Ashland
Peggy Daugherty Knickel.....	Prospect
Beverly Belair Knott.....	Columbus
Daniel Robert Koch.....	Rockford
Helene Barbara Kollman.....	Springfield
Sue Ann Korb.....	Delphos
Patricia Jo Krizinski.....	Columbus
Norman Allen Kushen.....	Mentor
Julie Schwartz Kwait.....	Glencoe, Ill.
Patricia McCleary Lange.....	Columbus
Victor Anthony Laniauskas.....	Cleveland
Evelyn Keys Larson.....	Columbus
Nancy Ellen Leddy.....	Columbus
Marcia Herbert Leeman.....	Bay Village
Robert Eugene Lemaster.....	Oak Hill
Karen Sue Lenhart.....	Spencerville
John Thomas Lennon.....	Columbus
Sheldon Levy, B.S. in E.E. (University of Cincinnati).....	Cleveland
Linda Sue Little.....	Columbus
Susan Byers Lummanick, B.A.....	Cleveland
Janet Horvath Lynn.....	Chagrin Falls
Barbara Solomons Maple.....	Columbus
Anita Pollak Markowitz.....	University Heights
Lowell Eldon Marx.....	Columbus
Richard Duane McCandless.....	Fostoria
Nancy Ann McClelland.....	Columbus
Carrol Ann McCune.....	Columbus
Stephen Edward McDowell.....	Columbus
John Wesley McPheron.....	Lima
Talmyr Clarke Metz.....	Marion
Teresa Anne Michel.....	Westerville
Jack Leroy Miller.....	Crestline
Rebecca Lee Mills.....	Cincinnati
Cheryl Barishman Nanes.....	Columbus
Dorothy Gage Nelson.....	Middletown
Doris Suzanne Neuman.....	Washington, Mich.
Anne Palmer Newcomb.....	Fairborn
Susan Jane Newman.....	Akron
Carol Ann Noles.....	Columbus
Elaine Anne Nourot.....	Whitehall
Marjorie Ann Null.....	Sandusky
Alan Herman Nusbaum.....	Cleveland
Susan Kelly Nyrop.....	Columbus
Virginia Caton Oberlander.....	Worthington
Mary Pankiw.....	Parma
Mathew Pasquale, Jr.....	Euclid

Richard Eugene Payne.....Delaware
 Genieve Swartwood Pearce.....Lorain
 Ruth Will Pecsok.....Whitehouse
 Emily Sitterley Pedroso, B.A.....Columbus
 Henrietta Walt Pfeifer.....Columbus
 Maxine Watson Plumb.....Grove City
 Thomas Dale Potter.....Lima
 Robin Lee Procter.....Pittsburgh, Pa.
 Daniel Byron Pumphrey.....Columbus
 Marcia Jayne Ramm.....Akron
 Ricky James Rausenberg.....Dayton
 Eugene Michael Refkin.....Canton
 Madeline Beth Robinson.....Columbus
 Paul Victor Roetter.....Perrysburg
 Teena Joyce Roof.....Sunbury
 Patricia Jameson Ross.....Lima
 Darlene June Russell.....Columbus
 Jean Benston Russell.....Dublin
 Richard Lee Schaffner.....Canton
 Eric Barry Schaim.....Cincinnati
 Deborah Martindale Scheel.....Hamilton
 *John Joseph Schiller.....Bellaire
 Linda Kathleen Schneider (summa cum laude).....Maple Heights
 Claire Maxine Schriber.....Dayton
 Linda Lee Schuler.....Columbus
 Christine Egger Schultz.....Columbus
 Margaret Lydia Schwartz.....Columbus
 Stephen Henry Seall, B.A.....Xenia
 Randall Scott Seelbrede.....Greenville
 Dian Sue Seslar.....Antwerp
 Reva Kay Shar.....Bexley
 Phylliss Marie Shvorob.....Middlefield
 Sanford Allen Siegel.....San Diego, Calif.
 Maria Irene Sileckyj.....Lorain
 Jeffrey Michael Sims.....Hayward, Calif.
 Bette Jean Slaybaugh.....Richwood
 Curtis Allan Smith.....Columbus
 George Brenton Smith.....Columbus
 Richard Douglas Smith.....Columbus
 Daniel Garman Stedman.....Bedford
 Cynthia Haffner Steer.....Scio
 Judith Ann Stein.....Worthington
 Thomas Wilson Stevenson.....Groveport
 Howard Cole Stewart, Jr., B.Sc.....Marietta
 Kathleen Jo Stimpfle.....Columbus
 Dari Lyn Stoner.....Columbus
 Marcia Sheward Stover.....Columbus
 Sharon Lynn Stuckey.....Dayton
 Sharon Gayle Sugarman.....University Heights
 Judith Rarick Tincher.....Chardon
 Barbara Blair Triplett.....Reynoldsburg
 William Walter Tucker.....Sylvania
 Muriel Jackson Tyler.....Galloway
 Sharon Beth Ungar.....University Heights
 Thomas Scott Urban.....Fairport Harbor
 Deborah Ann Valinzo.....Rochester, N. Y.

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

Judy Lois VanKirk.....Columbus
 Richard VanWinkle.....Richwood
 Andrew Saul Venclauskas.....Cleveland
 Robert Francis VeVerka.....Brecksville
 Judith Gay Walker.....Cleveland
 James Richard Weaver.....Kansas
 Kathryn Matthews Wells.....Utica
 John Victor Wemlinger.....Columbus
 Eileen Rosen Westerman.....Columbus
 Margaret Anne Wetterau.....Akron
 Linda Renner Whittington.....Gomer
 Cheryl Baughman Wills.....Columbus
 Russell Benson Wiseman.....Mentor
 Mark Keith Yoshimura.....Kettering
 William Richard Yost.....Columbus
 Mary Anne Young.....Columbus
 Patricia Soine Zell.....Cambridge
 Charles William Zimmerman (cum laude).....Huron

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering *(Six candidates)*

Joseph Dominic Gargiulo..... Wickliffe
Barry Alan Kaditz..... Worcester, Mass.
Alfred Paul Metz (summa cum laude)..... Springfield
Robert Dean St. Austin..... West Carrollton
Clarence Richard Sokol..... Vincent
*David Lee Starr..... Spencerville

Bachelor of Agricultural Engineering *(Two candidates)*

Richard John Steyer..... Fostoria
*Allen Paul Zimmerman (cum laude)..... Norwalk

Bachelor of Ceramic Engineering *(Two candidates)*

Richard Alan Dove..... Columbus
Reinhardt Edward Steger..... Mansfield

Bachelor of Chemical Engineering *(Four candidates)*

William Edward Ferguson..... Ashtabula
James Michael Flerchinger..... Maple Heights
Lawrence Harris Green..... Cuyahoga Falls
Modupeola Oluremilekun Owotomo Kasim..... Lagos, Nigeria

Bachelor of Civil Engineering *(Eight candidates)*

*Joseph Nathan Brewster (summa cum laude)..... Swanton
Thomas Michael Davis..... Alliance
*Fred Ervin Fischer (cum laude)..... Jefferson
Stanley John Kovacic..... Eastlake
*George Edson Mason..... Cuyahoga Falls
James Robert Nimz..... Stamford, Conn.
Michael Bailey Parker..... Paulding
Edward Joseph Shondel..... Clinton

Bachelor of Electrical Engineering *(Seven candidates)*

Samuel Young Dennis, III..... Columbus
Robert Scott Donaldson..... Wooster
John Frank Holland..... Cleveland Heights
Doyt Franklin Johnson..... Van Wert
James Albert Mohrman..... Wellington
William Ernest Reese, II..... Mansfield
Julius Joseph Szanati..... Cleveland

Bachelor of Industrial Engineering *(Seven candidates)*

Ronald Eugene Davis..... Worthington
Casimir Dziadecki..... Columbus
David Lee Eshler..... Carrollton
Gerald Carl Hagadorn..... Pittsburgh, Pa.

* Also Master of Science, Graduate School

Donald George Nameche (cum laude) Lima
 Charles Edward Niuman..... Dayton
 Robert Mitchell Young..... Youngstown

Bachelor of Mechanical Engineering

(Twenty-five candidates)

George Paul Amlin (cum laude) Tiffin
 James Daniel Arnholt..... Loudonville
 Robert Craig Bausmith..... Cincinnati
 *Don Warren Caudy (summa cum laude)..... Sunbury
 William David Eastman..... Novelty
 Donald Raymond Fenner, Jr..... Columbus
 Thomas Wayne Gideon..... Lima
 *Dale Lee Hartsock (summa cum laude)..... Waynesville
 Larry Olan Henry..... Bellefontaine
 Carl Francis Holdren..... Cincinnati
 Norman William Hoppe, Jr..... Columbus
 Dennis Adelbert Horazak..... North Royalton
 Charles William Jenkins..... Fremont
 Roger Alan Kime..... Newark
 Bruce Lee Knieriem..... Elmore
 Ronald Harvey McLean..... Columbus
 Dennis Raymond Pandy..... Elyria
 Lenard Rhoads..... Bainbridge
 *George Edward Ruck, Jr..... Lancaster
 John Elsworth Shawd..... Columbus
 Larry Anthony Shockling (summa cum laude) Canton
 Dale Charles Smyth, Jr..... Cincinnati
 Stephen Michael Wander..... Worthington
 Marion Odell Worley, Jr..... Columbus
 Daniel Bruce Young..... Akron

Bachelor of Metallurgical Engineering

(Two candidates)

William Johnstone Parr..... Kent
 *Robert Owen Slonaker..... Baltimore

Bachelor of Science in Physics

(One candidate)

Andrew Stephen Zolnay, B.S. (Saint Joseph's College, Philadelphia,
 Pennsylvania) Sandusky

Bachelor of Welding Engineering

(One candidate)

*Ronald Jack Shore..... Jefferson

School of Architecture

Bachelor of Landscape Architecture

(One candidate)

Robert Sharon Nettleship, Jr..... Coshocton

* Also Master of Science, Graduate School

College of Law

Dean: *Ivan C. Rutledge*

Juris Doctor

(Fourteen candidates)

Gary Colburn Acker, B.A.....	Columbus
Frank Thomas Black, A.B. (Princeton University); M.A. (Northwestern University) (summa cum laude).....	Columbus
John Edward Erb, B.Sc. in Bus.Adm.....	Marietta
William David Jamieson, B.A. (University of Colorado) (cum laude).....	Sidney
Robert Lamont Kaiser, B.A. (cum laude).....	Pataskala
William Stephen Miller, III, B.S. in Bus. (Miami University) ..	Pitcairn, Pa.
William Stoner Newcomb, Jr., B.Sc. in Edu.....	Columbus
Charles Leon Price, B.Sc. in Edu. (cum laude).....	Middletown
Daniel Ray Shirey, B.Met.E.....	Columbus
John Kelsey Sterling, B.Sc. (summa cum laude).....	Brilliant
Michael Roy Szolosi, B.A. (University of Toledo).....	Toledo
Stephen Roy Thompkins, A.B. (Denison University).....	Coshocton
Peter Teguns VanBaalen, B.A.....	Cleveland
Frank Milton Wells, A.B. (Miami University).....	Jackson

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(One candidate)

Melanie Sproul Kennedy, B.A. (Ohio Northern University) New Hampshire

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Seven candidates)

Virginia Lee Bissell (cum laude).....Cincinnati
Sandra Lee Hilton.....Buckeye Lake
Sandra Joyce Holzworth.....Columbus
Connie Lee McCleary.....Columbus
Melinda Barnette Miles.....Akron
Diane Ruth Passan.....South Euclid
Allyn Friedlander Rafio.....South Euclid

Bachelor of Science in Occupational Therapy

(Seven candidates)

Juliana Allarding.....Loudonville
Beth Ann Deniston Ball.....Spencerville
Patricia Sue Bean.....Findlay
Therese Ann Donnelly.....Cleveland Heights
Eloise Margaret Klein.....Fairborn
Ferol Jean Schricker.....Cincinnati
Hyla Rubenstein Segall.....Cleveland Heights

Certificate of Nurse Anesthetist

(One candidate)

Joyce Taylor Wells.....Toronto

School of Nursing

Bachelor of Science in Nursing

(Six candidates)

Diane Dugas.....Englewood, N. J.
Evelyn Leigh Franks.....Monroe, N. C.
Lorna Thomasson Lewis.....Shaker Heights
Louise Gallaway Loomis.....Maumee
Elizabeth Kolar Steinhoff (cum laude).....Cincinnati
Sally L. Swanson.....Marion

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

(One candidate)

Peter John Sutro, A.B. (Harvard University); A.M. (Columbia University) Columbus

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

(One candidate)

Richard Edward Angel..... Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 13, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, February 13, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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President Fawcett introduced Mr. Robert G. Smith, Vice President for University Development, whose appointment became effective February 1, 1969.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Departments of Accounting and Business Organization Be Discontinued

On December 10, 1968, the Faculty Council approved a proposal from the Council on Academic Affairs that the Departments of Accounting and Business Organization be discontinued, effective immediately.

Since the academic reorganization of the University was approved, the faculty of the College of Administrative Science has given careful study to the mission, internal organization and programs of the new College. In order to implement the internal reorganization of the College and to permit establishment of new academic faculties in Accounting, Finance, Management Science and Marketing, it was necessary to dissolve the existing Departments of Accounting and Business Organization.

In developing the proposed College organization, the faculty sought a structure that will facilitate (1) more effective utilization of faculty resources, (2) the development of appropriate academic policies related to each of the disciplines, (3) the interdisciplinary planning and coordination required for the programs and (4) fuller faculty involvement in the formulation of College policies.

President Fawcett recommended that the action of the Faculty Council be approved by the Board of Trustees.

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

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II. PERSONNEL CHANGES

A. Change in Administrative Responsibility

President Fawcett made the following statement concerning the Change in Administrative Responsibility for Mr. Frederick Stecker:

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Change in Administrative Responsibility (continued)

The first personnel recommendation is one which I make with mixed feelings. Mr. Frederick Stecker has requested a change of assignment from his position as Executive Director for University Relations to a staff office that will coordinate the Centennial program. Mr. Stecker assumed the position as Coordinator for the Centennial, effective February 1, 1969. The Coordinator shall be the chief of staffing for implementation of the program emanating from the Centennial Planning Committee and other management committees as appointed. The Coordinator will implement Committee efforts and will report to the Office of the President and the Office of Development as appropriate. I am sure you will join with me in extending thanks to Fred for the job he has done and in wishing him well for the productive work which is his ahead. (Salary unchanged)

In addition to the foregoing personnel recommendation, President Fawcett recommended that all personnel changes since the December 12, 1968 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

B. Promotions

Richard H. Bohning from Associate Dean (part time - 60%) College of Agriculture and Home Economics, and Administrative Adviser on the AID/Brazil project (part time - 10%) and AID/India project (part time - 10%), to Dean of the College of Biological Sciences, effective January 1, 1969, at a salary of \$26,652.00 per annum. Dr. Bohning will continue to hold the rank of Professor in the College of Biological Sciences - Entomology Academic Faculty.

Paul J. Olscamp from Associate Professor in the Department of Philosophy to Associate Dean in the College of Humanities, effective January 1, 1969, at a salary of \$12,288.00 per annum. Dr. Olscamp will continue to hold the rank of Associate Professor in the Department of Philosophy.

Margaret A. Mordy from Professor in and Director of the Women's Division in the School of Physical Education to Assistant Dean in the College of Education, effective January 1, 1969, at a salary of \$23,196.00 per annum.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions (continued)

William Hamelberg from Professor in the Department of Surgery to Professor and Chairman of the Department of Anesthesiology, effective immediately, at a salary of \$18,204.00 per annum.

Mark P. O. Morford from Associate Professor in the Department of Classics to Associate Professor in and Chairman of the Department of Classics, effective January 1, 1969, at a salary of \$14,268.00 per annum.

C. 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:

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, effective December 16, 1968 through January 31, 1969, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Ram Prakash Bambah, Professor, Department of Mathematics, effective January 1, 1969 through March 31, 1969, to give lectures to graduate students in number theory and engage in research at Punjab University, Chandigarh, India.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective January 12, 1969 through June 30, 1969, to serve as a consultant at the College of Agricultural Engineering, Punjab Agricultural University, India.

M. Eugene Cravens, Professor, Cooperative Extension Service and Department of Agricultural Economics and Rural Sociology, effective February 1, 1969 through March 14, 1969, to work on a feasibility study for US/AID, East Pakistan.

Marion T. Gatrell, Associate Professor, College of The Arts - Division of Art, effective January 1, 1969 through March 31, 1969, for personal reasons.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Anita R. McCormick, Associate Professor (Assistant State Leader, Home Economics), Cooperative Extension Service, effective January 16, 1969 through January 31, 1969, to participate in a program of professional improvement at North Carolina State University.

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective January 1, 1969 through June 30, 1969, to work on an advanced degree in the area of geodetic science.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective January 1, 1969 through March 31, 1969, for personal reasons.

John S. Hsia, Assistant Professor, Department of Mathematics, effective January 1, 1969 through September 30, 1969, to engage in research at the Mathematical Institute, Gottingen, Federated Republic of Germany.

Mary F. Hull, Assistant Professor, School of Physical Education - Women's Division, effective January 1, 1969 through September 30, 1969, for personal reasons.

Maureen A. Hunter, Instructor, Department of Veterinary Anatomy, effective January 1, 1969 through March 31, 1969, for personal reasons.

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, Cooperative Extension Service, effective February 1, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

E. Emeritus Titles

Lewis C. Saboe, Cooperative Extension Service, with the title Professor Emeritus (Extension Agronomist), effective January 1, 1969.

Agnes S. Smith, School of Home Economics, with the title Assistant Professor Emeritus, effective February 1, 1969.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Richard O. McFerren, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective February 1, 1969.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the Change in Administrative Responsibility, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the 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

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

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #36 - Department of Industrial Engineering).
Gross Value - \$6,093.00.
- a2. Department of Navy, Office of Naval Research, Washington, D. C., Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #18 - College of Administrative Science, Division of Continuing Education).
Gross Value - \$175,862.00.
- a3. U. S. Atomic Energy Commission, Argonne, Illinois, Cycling of CL-36 Labeled DDT in Natural Systems (to be known as U. S. Atomic Energy Commission Project No. 1794-B - Mod. #5-1 - College of Biological Sciences - Population and Environmental Biology).
Gross Value - \$43,700.00.

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)

- a4. U. S. Army Research Office - Durham, Durham, North Carolina, Interaction of Ions With Boundary Layers and Fluid Flows (to be known as U. S. Army Research Office - Durham Project No. 1864 - Mod. #3 - Department of Mechanical Engineering).
Gross Value - \$75,000.00.
- a5. U. S. Atomic Energy Commission, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958-B - Mod. #3-1 - Department of Metallurgical Engineering).
Gross Value - \$31,015.00.
- a6. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #4 - and Project No. 2116-A - Mod. #4 - Department of Physics).
Gross Value - \$280,000.00.
- a7. Department of Interior, Washington, D. C., Endocrine Response to DDT and Social Stress in the Male Mallard Duck (to be known as Department of Interior Project No. 2222 - Amend. #1 - College of Biological Sciences - Entomology).
Gross Value - \$1,000.00.
- a8. 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 National Institutes of Health Project No. 2356 - Mod. #4 - Department of Medical Microbiology).
Gross Value - \$70,000.00.
- a9. U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #5 - Department of Industrial Engineering).
Gross Value - \$78,447.00.
- a10. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineer Sciences (to be known as Aeronautical Systems Division Project No. 2443 - Amend. #8 - Research Foundation).
Gross Value - \$90,000.00.

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)

- a11. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as U. S. Atomic Energy Commission Project No. 2560-A - Mod. #1 - College of Biological Sciences - Organismic and Developmental Biology).
Gross Value - \$18,800.00.
- a12. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Corrosion Cracking of Metallic Materials (to be known as Aeronautical Systems Division Project No. 2737 - New - Department of Metallurgical Engineering).
Gross Value - \$150,000.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Identification, Isolation and Culture of Mites (to be known as National Institutes of Health Project No. 2740 - New - College of Biological Sciences - Entomology).
Gross Value - \$30,000.00.
- a14. Department of Navy, Office of Naval Research, Washington, D. C., Method to Produce Pictures With Acoustic Energy (to be known as Office of Naval Research Project No. 2741 - New - Department of Welding Engineering).
Gross Value - \$30,000.00.
- a15. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Antennas With Solid State Circuitry (to be known as Aeronautical Systems Division Project No. 2744 - New - Department of Electrical Engineering).
Gross Value - \$65,000.00.
- a16. U. S. Army Research Office - Durham, Durham, North Carolina, An Investigation of Chemically Assisted Lasers (to be known as U. S. Army Research Office - Durham Project No. 2745 - New - Department of Electrical Engineering).
Gross Value - \$19,806.00.
- a17. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Propagation of Electromagnetic Waves Through Plasma (to be known as Aeronautical Systems Division Project No. 2748 - New - Department of Electrical Engineering).
Gross Value - \$80,000.00.

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)

- a18. Headquarters Aeronautical Chart and Information Center, St. Louis, Missouri, The Graphical Representation of Gravity Anomaly Data (to be known as Headquarters Aeronautical Chart and Information Center Project No. 2754 - New - Department of Geodetic Science).
Gross Value - \$9,115.00.
- a19. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Investigations in the Area of Artificial Turbulence Generation in Supersonic and Hypersonic Wind Tunnels (to be known as Aeronautical Systems Division Project No. 2756 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$75,000.00.
- a20. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Parametric Devices (to be known as Aeronautical Systems Division Project No. 2757 - New - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- a21. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Histological Research on the Inner Ear (to be known as Aeronautical Systems Division Project No. 2763 - New - Department of Otolaryngology).
Gross Value - \$15,000.00.

TOTAL - Government Research Contracts - Federal \$1,403,838.00

2. Government Research Contract - State

- a1. State of Ohio, Department of Highways, Columbus, Ohio, Advanced Photogrammetric Techniques for Interchange Geometric Design and Stakeout (to be known as State of Ohio, Department of Highways Project No. 2417 - Agreement No. 1629A - Department of Geodetic Science).
Gross Value - \$1,986.00.

3. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C575142 and C573756 - Department of Surgery).
Gross Value - \$2,274.50.

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)

- a2. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C578543 - Department of Surgery).
Gross Value - \$373.00.
- a3. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Joining of Uranium and Refractory Materials for Nuclear Manufacturing (to be known as Union Carbide Corporation Project No. 2199-A - Amend. #5 - Department of Welding Engineering).
Gross Value - \$30,621.00.
- a4. Reaction Dynamics, Inc., Chicago, Illinois, Transonic Auto Tests (to be known as Reaction Dynamics, Inc., Project No. 2764 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$12,900.00.

TOTAL - Industrial and Other Research Contracts \$46,168.50

4. Government Research Grants - Federal

- a1. 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 National Institutes of Health Project No. 702-L - Ext. #12 - College of Biological Sciences - Entomology).
Gross Value - \$22,071.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Heart (to be known as National Institutes of Health Project No. 1100-G - Ext. #7 - Department of Surgery).
Gross Value - \$45,208.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute General Medical Sciences, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404-G - Ext. #7 - Department of Physiological Chemistry).
Gross Value - \$30,140.00.

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)

- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634-E - Ext. #5 - Department of Physiological Chemistry).
Gross Value - \$25,626.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 1775-E - Ext. #5 - College of Dentistry).
Gross Value - \$41,358.00.
- a6. 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 National Institutes of Health Project No. 1809-D - Ext. #5 - Department of Chemistry).
Gross Value - \$20,714.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Profusion (to be known as National Institutes of Health Project No. 1882-D - Ext. #4 - Department of Psychiatry).
Gross Value - \$12,175.00.
- a8. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Hypothesis Behavior in Concept Identification (to be known as National Institutes of Mental Health Project No. 2166-C - Ext. #3 - Department of Psychology).
Gross Value - \$23,286.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-B - Ext. #2 - Department of Physiology).
Gross Value - \$20,608.00.

February 13, 1969 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)

- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-B - Ext. #2 - Department of Medical Microbiology).
Gross Value - \$25,074.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Drug-Organism Interactions (to be known as National Institutes of Health Project No. 2370-B - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$8,441.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375-B - Ext. #2 - Department of Surgery).
Gross Value - \$21,135.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 2390-B - Ext. #2 - College of Pharmacy).
Gross Value - \$35,516.00.
- a14. National Aeronautics and Space Administration, Washington, D. C., Techniques for Generation of Control and Guidance Signals Derived from Optical Fields (to be known as National Aeronautics and Space Administration Project No. 2421 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$33,593.00.
- a15. National Aeronautics and Space Administration, Washington, D. C., Data Analysis of Geodetic Satellite (to be known as National Aeronautics and Space Administration Project No. 2514 - Sup. #1 - Department of Geodetic Science).
Gross Value - \$65,243.00.

February 13, 1969 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)

- a16. U. S. Office of Education, Washington, D. C., The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for Their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner, Part C (to be known as U. S. Office of Education Project No. 2522 - Mod. #1 - School of Home Economics).
Gross Value - \$27,681.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Role of Biliary Phospholipids in Gallstone Formation (to be known as National Institutes of Health Project No. 2599-A - Ext. #1 - Department of Surgery).
Gross Value - \$26,498.00.
- a18. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Cognitive Approach to the Assessment of Esthetic Response (The Structure of Esthetic Responses) (to be known as Office of Education Project No. 2729 - New - Department of Psychology).
Gross Value - \$12,455.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Fellowship Supply Allowance Grant (to be known as National Institutes of Health Project No. 2742 - New - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a20. National Science Foundation, Washington, D. C., Liquid HE³ - HE⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2746 - New - Department of Physics).
Gross Value - \$77,100.00.
- a21. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2747 - New - Department of Electrical Engineering).
Gross Value - \$195,000.00.
- a22. National Science Foundation, Washington, D. C., Collaborative Research on Interpersonal Perception and Behavior Prediction (to be known as National Science Foundation Project No. 2749 - New - Department of Psychology).
Gross Value - \$48,000.00.

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)

- a23. 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 National Institutes of Health Project No. 2750 - New - Department of Surgery).
Gross Value - \$19,340.00.
- a24. National Science Foundation, Washington, D. C., Analysis of Miwok Languages (to be known as National Science Foundation Project No. 2752 - New - Department of Linguistics).
Gross Value - \$13,800.00.
- a25. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Ephedrine Tachyphylaxis (to be known as National Institutes of Health Project No. 2753 - New - College of Pharmacy).
Gross Value - \$10,465.00.
- a26. National Science Foundation, Washington, D. C., Transport Phenomena at Liquid Metal-Vapor Interface Using Radioactive Tracers (to be known as National Science Foundation Project No. 2755 - New - Department of Chemical Engineering).
Gross Value - \$14,700.00.
- a27. National Science Foundation, Washington, D. C., Nuclear Physics Research With a 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2759 - New - Department of Physics).
Gross Value - \$189,000.00.
- a28. Air Force Office of Scientific Research, Arlington, Virginia, Research on Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2760 - New - Department of Physics).
Gross Value - \$46,933.00.
- a29. 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 National Institutes of Health Project No. 2766 - New - Department of Veterinary Pathology).
Gross Value - \$29,237.00.

February 13, 1969 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)

- a30. Headquarters, Air Force Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Air Force Office of Scientific Research Project No. 2768 - New - Department of Electrical Engineering). Gross Value - \$39,886.00.
- a31. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, An Ocular Fundus Anomaly (to be known as National Institutes of Health Project No. 2771 - New - Department of Veterinary Medicine). Gross Value - \$62,576.00.

TOTAL - Government Research Grants - Federal \$1,243,859.00

5. Industrial and Other Research Grants

- a1. The Deafness Research Foundation, New York, New York, Acquired Cholesteatoma (to be known as The Deafness Research Foundation Project No. 2580-A - Ext. #1 - Department of Otolaryngology). Gross Value - \$8,566.00.
- a2. Merck and Co., Inc., Rahway, New Jersey, Scientific Activities (to be known as Merck and Co., Inc., Project No. 2743 - New - Department of Chemistry). Gross Value - \$1,000.00.

TOTAL - Industrial and Other Research Grants \$9,566.00

The foregoing fifty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$2,705,417.50.

Upon motion of Mr. Shocknessy, 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 roll call vote.

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

During the period from November 26, 1968 through January 28, 1969, 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 record.

February 13, 1969 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 276X An Investigation of Highway Automation, Ohio Department
Ext. #2 of Highways, Columbus, Ohio.
Gross Value - \$170,873.00.

EES 308X Reflective Characteristics of Pavement Surfaces, Ohio
Ext. #1 Department of Highways, Columbus, Ohio.
Gross Value - \$8,940.00.

EES 312X Slope Stability of Residual Clay Soils of Southeastern
Ext. #1 Ohio, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$2,400.00.

TOTAL - Government Research Contracts \$182,213.00

2. Industrial Research Contract

EES 325X Study Grant to Determine Energy Requirements for
Heating and Cooling Buildings, American Society of
Heating, Refrigerating and Air Conditioning Engineers
Incorporated, New York, New York.
Gross Value - \$14,230.00.

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$196,443.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received
since December 12, 1968, and were reported for the record. Appropriate
expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$3,600,000.00 granted by Department of Health, Education and
Welfare, Social and Rehabilitation Service, Washington, D. C. 20201,
to the University for construction of University-Affiliated Facilities
for the Mentally Retarded. This grant is made under Title I, Part B,
P. L. 88-164, as amended. (Grant No. 1 J04 MR 00258-01)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$1,228,072.00 granted 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 extending through June 30, 1969. (Grant No. OEG-3-7-000158-2037)
3. \$418,187.00 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, 1969 through December 31, 1969. (Grant No. 5 S01 FR05409-08)
4. \$354,997.00 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. This program is under the direction of the Departments of Veterinary Preventive Medicine and Animal Science. (Contract No. 12-25-400-64)
5. \$316,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period January 1, 1969 through June 30, 1969. (Transaction Award No. 05198461)
6. \$129,369.00 granted by Department of Health, Education and Welfare, Regional Office, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for the construction of University College Building No. 1. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$184,812.00.) (Project No. 4-5-00403-0)
7. \$95,610.00 granted by Department of Health, Education and Welfare, Regional Office, 433 West Van Buren Street, Chicago, Illinois 60607, to the University for the construction of the Humanities-Language Building. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$182,412.00.) (Project No. 4-5-00245-1)
8. \$93,494.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Mathematics for Secondary School Teachers, 1969," under the direction of the Department of Mathematics. This grant terminates on September 30, 1969. (GW-3795)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)
10. \$51,965.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Science for Secondary School Teachers, 1969," under the direction of the College of Education. This grant terminates on September 30, 1969. (GW-3796)
11. \$48,351.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Geology for Secondary School Teachers, 1969," under the direction of the Department of Geology. This grant terminates September 30, 1969. (GW-3794)
12. \$41,180.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute for College Teachers in Biological Sciences," under the direction of the College of Biological Sciences - Organismic and Developmental Biology Academic Faculty. This grant terminates September 30, 1969. (GY-5453)
13. \$34,770.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute for College Teachers in Quantitative Methods in Geography," under the direction of the Department of Geography. This grant terminates September 30, 1969. (GY-5448)
14. \$30,581.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the Department of Mathematics. This grant terminates on October 31, 1969. (GW-3965)
15. \$26,250.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Cooperative College-School Science Program," under the direction of the Department of Geology. This grant terminates on June 30, 1970. (GW-4084)
16. \$20,889.00 granted by Department of Health, Education and Welfare, Regional Office, Region V, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for support of the construction of Electronics Laboratories. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$41,778.00.) (Project No. 4-5-00421-0)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

17. \$20,550.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Chemistry. This grant terminates on October 31, 1969. (GY-6140)
18. \$17,383.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the College of Engineering. This grant terminates on October 31, 1969. (GW-4009)
19. \$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, 1969 through February 28, 1970. (Grant No. AT-209-02-69)
20. \$13,800.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the College of Pharmacy. This grant terminates on July 31, 1970. (GY-6049)
21. \$12,500.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Physics. This grant terminates on October 31, 1969. (GY-6044)
22. \$10,000.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Economics. This grant terminates on July 31, 1970. (GY-6119)
23. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Fellowship Program in Reading," under the direction of the College of Education, for the period December 23, 1968 through June 15, 1969. (Grant No. OEG-0-9-450667-2279-721)
24. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Advanced Preparation for Trainers of Prospective French Teachers," under the direction of the College of Education, for the period December 6, 1968 through June 15, 1969. (Grant No. OEG-0-9-450633-2225-725)
25. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Proposed Renewal of the Experienced Teacher Fellowship Program: Curriculum in Art Education," under the direction of the College of The Arts - Division of Art, for the period December 6, 1968 through June 15, 1969. (Grant No. OEG-0-9-450663-2001-721)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

26. \$9,200.00 granted by National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama 35807, to the University for support of "Educational Training Courses," under the direction of the College of Administrative Science - Division of Continuing Education. (Contract No. NAS8-22459)
27. \$7,300.00 granted by University of Alabama, Huntsville Campus, Huntsville, Alabama 35807, to the University for development and presentation of a short course, "Truth in Negotiations Act (Public Law 87-653)," under the direction of the College of Administrative Science - Division of Continuing Education.

TOTAL - Administered Through the Office of Business and Finance
\$6,683,241.00

B. Received Through The Ohio State University Development Fund

1. \$120,000.00 in securities from Everett D. Reese for the Everett D. Reese Chair of Banking and Monetary Economics.
2. \$100,000.00 from the Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Presidents Club Special Fund.
3. \$30,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware 19898, for the Du Pont Science and Engineering Grants for 1969--\$20,000.00 for the Department of Chemistry, \$5,000.00 for the Department of Chemical Engineering and \$5,000.00 for the Department of Metallurgy.
4. \$25,000.00 from the Estate of Hazel L. Stephenson, Detroit, Michigan, to establish a fund to be used for scholarship house purposes.
5. \$21,138.00 from Bell Telephone Laboratories for the Bell Telephone Teaching and Research Fund.
6. \$19,955.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
7. \$19,100.00 from General Motors Corporation--\$16,100.00 for the General Motors Corporation Scholarship Fund and \$3,000.00 for the Department of Metallurgical Engineering Equipment and Travel Fund.
8. \$17,975.00 in securities from Mr. Robert Goodsell (deceased) for the establishment of the Goodsell Family Memorial Scholarship Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. (continued)

Goodsell Family Memorial Scholarship Fund

The Goodsell Family Memorial Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert E. Goodsell, Arts w'24, Kenton, Ohio, in his memory and that of his sister, Ruth Goodsell Fischer (Mrs. Elton); and his brothers, Ralph B. Goodsell, B.Sc. in Bus. Adm. '32, and Ronald DeCourcy Goodsell, B.Sc. Phar. '28.

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

The income is to be used annually to provide one or more scholarships to graduates of Kenton (Ohio) High School. First preference is to be given to students enrolled in the School of Music. If there are no applicants from Kenton High School who are enrolled in the School of Music, then the scholarship or scholarships may be awarded to one or more students from Kenton High School who are enrolled in any other academic unit of the University. Selection of the student or students is to be made 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 Music 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 scholarships.

9. \$15,277.91 from Dr. William H. Havener--\$10,277.91 for the Ophthalmologic Center Fund and \$5,000.00 for the Ophthalmology Teaching Fund.
10. \$13,000.00 from Mr. Andrew S. Iddings, Dayton, Ohio, for the establishment of the Andrew S. Iddings Fund for College of Law.

Andrew S. Iddings Fund for College of Law

The Andrew S. Iddings Fund for College of Law was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Andrew S. Iddings, Dayton, Ohio.

IV. GRANTS AND GIFTS (continued)

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

10. Andrew S. Iddings Fund for College of Law (continued)

The principal is to be invested in accordance with the rules and regulations therefor 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 for the benefit of the College of Law as determined by the Dean of said College.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, 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.

11. \$12,500.00 from Mr. Albert T. Koren, St. Petersburg, Florida, for the establishment of the Joseph and Margaret Koren Memorial Scholarship Fund.

Joseph and Margaret Koren Memorial Scholarship Fund

The Joseph and Margaret Koren Memorial Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Albert T. Koren, St. Petersburg, Florida, in memory of his father and mother, Joseph and Margaret Koren.

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 annually to provide one or more scholarships to students enrolled at the University, with preference being given to students attending from southeastern Ohio. Selection of the student or students is to be made upon the recommendations 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.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. \$12,500.00 from Mr. J. D. Lawson, Kansas City, Missouri, and friends for the establishment of the Dr. Phillippe Reed Lawson Memorial Student Aid Fund.

Dr. Phillippe Reed Lawson Memorial Student Aid Fund

The Dr. Phillippe Reed Lawson Memorial Student Aid Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. J. D. Lawson, Kansas City, Missouri, and friends, in memory of Mr. Lawson's son, Dr. Phillippe Reed Lawson, former member of The Ohio State University faculty for a period of ten years preceding his death on October 31, 1967, at which time he was a professor in the Department of Psychology.

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 loans or scholarships to deserving students, with preference being given to those enrolled in the field of psychology. Selection of the student or students is to be made upon the recommendations of the University Scholarship and Loan Committee.

Should the need for these loans or 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 loans and scholarships.

13. \$12,000.00 from Vick Chemical Company, Philadelphia, Pennsylvania, for the Self-Medication Study Fund in the College of Pharmacy.
14. \$10,087.50 from M. Wilson McConnell, Coshocton, Ohio, for the Presidents Club Special Fund.
15. \$10,000.00 from American Dairy Association, Chicago, Illinois, for the American Dairy Association Research Fund.
16. \$10,000.00 from Grant Hospital, Columbus, Ohio, for the College of Medicine Emergency Fund.
17. \$10,000.00 from C. R. Porthouse Charitable Trust, [In the name of Jacqueline S. (Mrs. J. David) Porthouse], for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
18. \$7,549.60 from Dispatch Charities, Inc., for the Robert K. Barton Memorial Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

19. \$7,250.00 from Emerson E. Evans, Gallipolis, Ohio, for the Emerson E. Evans Fund.
20. \$6,500.00 from Cooper-Bessemer Company--\$3,250.00 for the Cooper-Bessemer Engineering Scholarship Fund and \$3,250.00 for the Faculty Merit Award Fund.
21. \$6,000.00 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. \$5,876.00 from John W. Paynter for the John W. and Elizabeth Williams Paynter Scholarship Fund.
23. \$5,500.00 from National Steel Corporation, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.
24. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois--\$3,000.00 for Distinguished Teacher Awards and \$2,000.00 for the President's Special Fund.
25. \$5,000.00 from Manor Real Estate Company, Philadelphia, Pennsylvania, for the John W. Bricker Professorship in the College of Law.
26. \$5,000.00 from Ohio Contractors Association, Columbus, Ohio, for a Professorship in Construction Engineering.
27. \$5,000.00 from the Cleveland Browns, Inc., Cleveland, Ohio, for the establishment of the Lou Groza Scholarship Fund.

Lou Groza Scholarship Fund

The Lou Groza Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Cleveland Browns, Inc., Cleveland, Ohio, in honor of Lou Groza, B.Sc.Bus. Adm. '49, Berea, Ohio, upon the occasion of the retirement of his Cleveland Browns football jersey No. 76, and in recognition of his years as a Cleveland Browns player.

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 annually to provide one scholarship to an outstanding student. The selection of the recipient of this scholarship is to be made upon the recommendation of the University Scholarship Committee.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

27. Lou Groza Scholarship Fund (continued)

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

28. \$5,000.00 from Mr. Charles L. Seelbach, Worthington, Ohio, for the establishment of the Seelbach Family Fund.

Seelbach Family Fund

The Seelbach Family Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Charles L. Seelbach, B. I. E. '32, Worthington, 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 income is to be used annually at the discretion of the Chairman of the Department of Industrial Engineering for this Department.

Should the need for this income cease to exist or so diminish as to provide unused income, or 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.

29. \$4,920.00 in securities from Taine G. McDougal, Somerset Bridge, Bermuda, for the establishment of the Taine G. McDougal Engineering Professorship Endowment Fund.

Taine G. McDougal Engineering Professorship Endowment Fund

The Taine G. McDougal Engineering Professorship Endowment Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Taine G. McDougal, Cer. Engr. '11, Somerset Bridge, Bermuda.

IV. GRANTS AND GIFTS (continued)

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

29. Taine G. McDougal Engineering Professorship Endowment 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 is to be added to the principal until said annual income equals \$5,000 per year, at which time the income is to be used annually to support a Professorship in the College of Engineering. The specific academic field or department in which the appointment of the professor is to be made is left entirely to the discretion of the Dean of said College.

Should the need for this income cease to exist or so diminish as to provide unused income, or should the College of 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 engineering education.

30. \$4,525.00 from Mrs. Lena Champ Diemer for the Ophthalmologic Center Fund.
31. \$4,500.00 from Champion Spark Plug Company, Detroit, Michigan, for the Champion Spark Plug Company Fellowship in Ceramic Engineering.
32. \$4,000.00 from Esso Education Foundation for the Esso Graduate Fellowship in Chemical Engineering.
33. \$4,000.00 from Phillips Petroleum Company for the Phillips Petroleum Company Fellowship Fund.
34. \$3,658.30 from Florence Poston Carlin, (In the names of David P. and Philip E. Carlin), for the Oscar E., Florence P., Philip E. and David P. Carlin Scholarship Fund.
35. \$3,658.31 from Oscar E. Carlin, (In the names of David P. and Philip E. Carlin), for the Oscar E., Florence P., Philip E. and David P. Carlin Scholarship Fund.
36. \$3,500.00 from the Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton)--\$2,000.00 for the Thomas F. Patton Fund for College of Law and \$1,500.00 for the Novice G. Fawcett Professorship in Educational Administration.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

37. \$3,500.00 from Nationwide Foundation for the Nationwide Foundation Fellowship Fund for Industrial Engineering.
38. \$3,250.00 from Lederle Laboratories for the Schering Corporation Allergy Research Fund.
39. \$3,000.00 from Columbus Jewish Welfare Foundation, (In the name of Mrs. Sarah M. Beckman), for the Theodore N. Beckman Fund for Research in Marketing.
40. \$3,000.00 from Miss Irene D. Hirsch for the Crime and Delinquency Research Fund under the direction of Walter Reckless.
41. \$3,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
42. \$2,800.00 from Paul G. Benedum for the Presidents Club Special Fund.
43. \$2,550.00 from John D. Drinko for the John W. Bricker Professorship in the College of Law.
44. \$2,500.00 from TRW Foundation, Cleveland, Ohio, for the TRW Foundation Fund - Welding Engineering.
45. \$2,500.00 from Forging Industry Educational and Research Foundation, (In the names of David E. Tilton, 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.
46. \$2,304.69 from J. B. Nordholt, Jr., for the John B. Nordholt Memorial Scholarship Fund.
47. \$2,281.25 from James Shelby Nordholt for the John B. Nordholt Memorial Scholarship Fund.
48. \$2,274.50 from Dr. Robert H. Magnuson for the Ophthalmologic Center Fund.
49. \$2,272.81 from Harvey S. Firestone, Jr., for the Special Projects Fund.
50. \$2,000.00 from Mrs. Lillian Zinn Cooperrider for the James Harvey Zinn Memorial Loan Foundation.
51. \$2,000.00 from Henry G. Schmidt for the Ottawa Club Fund.
52. \$1,800.00 from Norton Company, Worcester, Massachusetts, for the Norton Fellowship in Refractories Engineering.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

53. \$1,500.00 from Max M. and Marjorie S. Fisher for the Max M. Fisher Fund.
54. \$1,500.00 from Owens-Corning Fiberglas Corporation for the Owens-Corning Fiberglas Engineering Scholarship Fund.
55. \$1,500.00 from Wendell D. Postle, D. D.S., for the Odontos Fund.
56. \$1,300.00 from Dr. Arthur J. Metzger for the Slag Attack Research Fund.
57. \$1,250.00 from Dr. Eldred B. Heisel for the Dermatology Research Fund.
58. \$1,210.00 from Harland T. Martin for the Agricultural Education Scholarships Fund.
59. \$1,200.00 from The Henry Beckman Coakley Foundation for the Henry Beckman Coakley Fund.
60. \$1,200.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
61. \$1,200.00 from James R. Riley, Columbus, Ohio, for the James R. Riley Professorship of Transportation and Business Logistics.
62. \$1,179.75 from Dr. Noel Wayne Hiatt for the College of Dentistry Centennial Fund.
63. \$1,056.00 from Mr. Alan B. Loop for the College of Law Student Financial Aids Fund.
64. \$1,041.20 from Mr. William K. Westwater for the Hugh E. Nesbitt Memorial Fund.
65. \$1,040.25 from Hazel Zeller Nesbitt for the Presidents Club Special Fund.
66. \$1,000.00 from Raymond Q. Armington Ten-Year Trust, (In the name of Raymond Q. Armington), for the Raymond Q. Armington Fund for Engineering.
67. \$1,000.00 from John W. Bricker, Columbus, Ohio, for the Novice G. Fawcett Professorship in Educational Administration.
68. \$1,000.00 from C. I. E., Inc., (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.

IV. GRANTS AND GIFTS (continued)

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

69. \$1,000.00 from Cleveland Institute of Electronics, (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.
70. \$1,000.00 from John Dana Cole for the John Dana Cole Fund.
71. \$1,000.00 from The Corrugated Container Company, (In the name of Samuel S. Davis), for the Corrugated Container Company Fund.
72. \$1,000.00 from James J. Cromer, D. D. S., for the College of Dentistry Centennial Fund.
73. \$1,000.00 from Gates, McDonald & Company, (In the name of Donald C. Chapman), for the Donald C. Chapman Fund.
74. \$1,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
75. \$1,000.00 from The Heer Foundation, (In the name of Walter F. Heer), Columbus, Ohio--\$500.00 for the Operation Eye Research Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
76. \$1,000.00 from J. F. Jelenko & Company, Inc., (In memory of Rena M. Jelenko in the name of Jesse F. Jelenko, Jr.), for the Jesse Jelenko, Jr., Dental Student Loan Fund.
77. \$1,000.00 from C. Gordon Jelliffe as an unrestricted gift to the University.
78. \$1,000.00 from Howard E. LeFevre for the Howard E. and Catherine Bonner LeFevre Scholarship Fund.
79. \$1,000.00 from the Lickliders Foundation, (In the name of Ralph S. Lickliders), for the Ralph S. Lickliders Family Fund.
80. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
81. \$1,000.00 from Mary McGaughy Love (Mrs. John G.) for the Charles Austin Doan Fund.
82. \$1,000.00 from Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education Center.
83. \$1,000.00 from J. Paul McNamara for the Gertrude Saylor McNamara Memorial Fund.
84. \$1,000.00 from The Millard Foundation, (In the name of Millard M. Cummins), for the Ophthalmologic Center Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

85. \$1,000.00 from the Ohio Society of Certified Public Accountants Foundation, Columbus, Ohio, for the Ohio Society of Certified Public Accountants Foundation Scholarship Fund.
86. \$1,000.00 from Clarence "Red" S. Ohsner for the Presidents Club Special Fund.
87. \$1,000.00 from Dr. Claude S. Perry for the Ophthalmologic Center Fund.
88. \$1,000.00 from J. B. Poindexter, Jr., D.D.S., for the College of Dentistry Centennial Fund.
89. \$1,000.00 from Donald C. Power for the Donald C. Power Fund for the College of Law.
90. \$1,000.00 from The Procter & Gamble Company for the Marching Band Fund.
91. \$1,000.00 from Programmed Education, Inc., (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.
92. \$1,000.00 from Robert W. Setterlin & Sons Company, (In the name of Ralph F. Setterlin, Sr.), for the Ralph F. Setterlin, Sr., Fund.
93. \$1,000.00 from Frederick Stecker for the Presidents Club Special Fund.
94. \$1,000.00 from Dr. William R. Wallace for the College of Dentistry Centennial Fund.
95. \$1,000.00 from Harold F. Wherley, M.D., for the Ophthalmologic Center Fund.
96. \$1,000.00 from E. J. Will & Company, (In the name of Edwin J. Will), for the Presidents Club Special Fund.
97. \$1,000.00 from Wodencroft Foundation, (In the name of Roger Drackett), for the Presidents Club Special Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$644,181.07

C. Gifts-in-Kind

1. A gift of equipment from Crumman Aircraft Engineering Corporation, Bethpage, New York, for use in the Department of Welding Engineering.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. Articles of clothing from Mr. Harvey S. Firestone, Jr., Akron, Ohio, for use in the School of Home Economics.
3. Reference books from Gale Research Fund, Detroit, Michigan, for The Ohio State University Libraries.
4. A Digital Frequency Meter, Frequency Multiplier and Frequency Converter from General Radio Company for use in the Department of Electrical Engineering.
5. Several cutting tools from Elliott Morganstern for use in the Department of Industrial Engineering.
6. A 1947 I. L. S. Metallograph from Owens-Corning Fiberglas Corporation, Granville, Ohio, for use in the Department of Metallurgical Engineering.
7. Several Thurber literary materials from Mrs. James Thurber for The Ohio State University Libraries.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous roll call 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, 1968

In November, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,809	\$ 77,067.68
Individuals other than alumni	75	32,020.50
Nonprofit organizations	18	29,802.69
Business concerns	<u>11</u>	<u>58,902.84</u>
	2,913	\$ 197,793.71

Of these gifts, 2,266 totaling \$17,840.36 were undesignated and 647 totaling \$179,953.35 were designated.

2. Month of December, 1968

In December, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

2. Month of December, 1968 (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,762	\$ 208,177.52
Individuals other than alumni	184	119,531.24
Nonprofit organizations	41	167,439.84
Business concerns	45	95,834.04
	<u>5,032</u>	<u>\$ 590,982.64</u>

Of these gifts, 3,686 totaling \$36,723.26 were undesignated and 1,346 totaling \$554,259.38 were designated.

3. Annual Report, 1968

The totals for the calendar year 1968, January 1 to December 31, inclusive, were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	32,161	\$1,123,109.35
Individuals other than alumni	1,534	421,103.25
Nonprofit organizations	477	1,220,370.86
Business concerns	404	657,410.09
	<u>34,576</u>	<u>\$3,421,993.55</u>

Of these gifts, 24,945 totaling \$232,847.35 were undesignated and 9,631 totaling \$3,189,146.20 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Physics and Astronomy Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,891,612.00	\$2,910,100.68	\$18,488.68

February 13, 1969 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

B. Pharmacy Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,867,926.00	\$2,895,192.77	\$27,266.77

C. Marion Branch Campus

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,531,387.50	\$1,572,655.88	\$41,268.38

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

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VI. PLANS AND SPECIFICATIONS

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

A. McCracken Power Plant - Addition to Primary Distribution System

The electrical load in existing central campus buildings is increasing at such a rate that higher capacity is required. This capacity is being achieved by a transfer of power from the 13 KV system to the 4.16 KV system.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 Primary Electrical Distribution System.

B. West Substation Transfer

The feeder system for the West Campus buildings needs revision to provide relief for the increased central campus electrical load. This project permits the West Campus buildings to be served from a 13 KV utility line augmenting the present system.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 Primary Electrical Distribution System.

VI. PLANS AND SPECIFICATIONS (continued)

C. Elevator Modernization

This project will replace or repair elevator units as required to eliminate unreliable operations and unsafe conditions that exist on the units in Cockins Hall, Men's Physical Education Building, Oxley Hall and William Oxley Thompson Memorial Library.

Funds for this project will be provided from Budget Account 124358 Contract Repair.

D. Lighting Improvements - 12th and 19th Avenues

This project will replace the existing lighting system with new underground wiring, new aluminum poles and mercury luminaries.

Funds for this project will be provided from Budget Account 124358 Contract Repair.

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

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VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 7 Approves the transfer of \$76,000.00 from Item 315-018 to a new account Item 315-063 Lima Technical Building and release of \$52,750.00 for architects fees and related expenses.
- 8 Approves the release of \$350,000.00 from Item 315-028 for architects fees and related expenses for the project "Comparative Medical Teaching and Research Facility."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Technical Center - Employment of Architects

President Fawcett recommended that the architectural firm of Lyman J. Strong, Lima, Ohio, 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.

February 13, 1969 meeting, Board of Trustees

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

A. Lima Technical Center - Employment of Architects (continued)

The fee for this service is estimated to be \$45,500.00 or 7 per cent of the estimated cost of construction. Funds for this project are provided from Item 315-018 (Lima Branch) and a Federal Grant.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

B. Mansfield Technical Center - Employment of Architects

President Fawcett recommended that the architectural firm of Thomas Gene Zaugg and Associates, Mansfield, Ohio, 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 estimated to be \$49,000.00 or 7 per cent of the estimated cost of construction. Funds will be provided from Item 315-060 Mansfield Technical Center and an appropriation from the Board of Regents.

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

C. Comparative Medical Teaching and Research Facility - Employment of Architects

On December 10, 1964, the Board of Trustees approved the employment of Benham, Richards and Armstrong for the Veterinary Clinic and Animal Hospital. This project now known as Comparative Medical Teaching and Research Facility has been expanded and qualified for federal assistance. Because of the expansion of the project, President Fawcett recommended that the original contract for architectural services for the Veterinary Clinic and Animal Hospital be terminated and that the Board of Trustees approve the employment of Benham, Richards and Armstrong for the Comparative Medical Teaching and Research Facility.

Their services will include complete architectural and engineering work including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is estimated to be \$418,052.00 and will be calculated on the standard fee schedule for construction cost. Funds for this project will be provided from S. B. 370, H. B. 202, H. B. 886 and a Federal Grant.

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

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

D. Garage and Laundry Building, Alteration of South Portion

President Fawcett recommended that the engineering firm of Ralph and Curl be employed to provide complete professional engineering services for heating, ventilating, air conditioning, plumbing and electrical work for this project including surveys, design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

The fee for this service is estimated to be \$5,950.00 or 7 per cent of the construction cost of the plumbing, heating and electrical work. If additional inspection trips are required, they will be charged for at an hourly rate of \$15 for principals, \$11 for engineers and \$8 for draftsmen. Funds have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

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

E. University Hospital, Remodel Intensive Care - Recovery Rooms

President Fawcett recommended that the architectural firm of Dan A. Carmichael 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 estimated to be \$21,500.00 or 10 per cent of the construction cost. Funds for the project will be provided from the Hospital Rotary.

Upon motion of Dr. Thomas, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

F. 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 \$85,000.00 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. Safford, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Thomas H. Langlois, Research Professor Emeritus in the Academic Faculty of Population and Environmental Biology, College of Biological Sciences; Carl Adolph Norman, Professor Emeritus in the Department of Mechanical Engineering; Perry P. Denune, Professor Emeritus in the Department of Sociology; and James R. Hopkins, Professor Emeritus and Director of the former School of Art. 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. Thomas H. Langlois

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 5, 1968, of Thomas H. Langlois, Research Professor Emeritus in the Academic Faculty of Population and Environmental Biology, College of Biological Sciences.

Dr. Langlois was born in Detroit, Michigan, on February 19, 1898. After serving in 1918 and 1919 as a member of the Natural Resources Council of the United States Naval Reserve, he completed his Bachelor of Science degree at the University of Michigan in 1924 and his Master of Science degree in 1925.

From 1924 to 1927 he served as the Assistant Fisheries Biologist for the Michigan State Department of Conservation. The following two years he served as State Fish Pathologist and then became Chief of the Fish Section of the Ohio State Division of Conservation and Natural Resources in 1930, a position which he held for sixteen years. In 1935, Dr. Langlois received his Doctor of Philosophy degree from The Ohio State University. The following year he served as an Assistant Professor in the Department of Animal Husbandry at Ohio State. He joined the Department of Zoology as a Professor in 1938 and remained in this position until 1956. From 1956 to 1964, Dr. Langlois served as a Research Professor. He retired in 1964 from The Ohio State University. During the period 1936 to 1956, Dr. Langlois served as Assistant Director and Director of the Franz Theodore Stone Institute of Hydrobiology at Put-in-Bay, Ohio. He also served as a member of the Board of Directors of the Research Foundation of the University.

Dr. Langlois' knowledge and ability in the field of zoology and, more specifically, in the field of fisheries, are made obvious by the responsibilities he held in administrative positions throughout his career. His accomplishments were recognized when he was made an honorary member of the Fisheries Society and later, in 1950, became President of this Society. His publications include research in social zoology, social limnology, oceanography and in ice formation on Lake Erie. As an authority on the ecology and sociology of fish, Dr. Langlois was considered outstanding in his field.

February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Thomas H. Langlois (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Langlois its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

B. Carl Adolph Norman

The Board of Trustees of The Ohio State University expresses its sorrow at the death January 1, 1969, of Carl Adolph Norman, Professor Emeritus in the Department of Mechanical Engineering.

Professor Norman was born on January 12, 1879, in Borga, Finland. He attended the Helsingfors High School in Finland, and he earned his engineering degree at the Royal Technological Institute in Stockholm, Sweden. He also pursued graduate studies in Berlin, Munich, the University of Chicago and the University of California. He came to the United States in 1902 to practice in the field of machine design at the Jones and Laughlin Steel Company until 1907. From 1908 to 1910, he was in charge of production at the Nobel Brothers Refinery in Baku, Russia. He returned to the United States in 1912 to serve as a consulting engineer in the gas turbine field at the General Electric Company. In 1917, he joined the faculty at The Ohio State University as Professor of Machine Design in the Department of Mechanical Engineering. He developed this area of engineering education and was actively developing the area of gas turbine design at the time of his retirement in 1949.

Professor Norman was known and respected among the teachers of machine design throughout the United States and in many other countries for his widely used textbooks in this field. His first textbook was Principles of Machine Design, and his second textbook, Fundamentals of Machine Design, was written with Professor E. S. Ault and Professor I. F. Zarobsky as co-authors. In addition to these texts in machine design, he was co-author with Professor Richard H. Zimmerman (now Dean of the University College at The Ohio State University), of one of the early texts in the field of gas turbines and jet propulsion entitled, Introduction to Gas Turbines and Jet Propulsion Design. He was also the author of a number of technical papers dealing with his research in machine elements, such as belts and belt drives and he held patents on belt testing machines. He was one of the world authorities in the field of power transmission by belting.

Professor Norman had a profound interest in human problems which matched his interest in the technical world. This led him to teach, for many years, a course in human engineering which was required of all mechanical engineering undergraduates. In addition, he published a number of papers in this field.

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Carl Adolph Norman (continued)

Professor Norman was a member of several professional organizations such as the American Society of Mechanical Engineering and the American Society for Engineering Education. He was elected a Fellow of the ASME, and in 1968 was honored with the fifty-year membership award. He was also elected to membership in several honorary societies such as Sigma Xi and Tau Beta Pi.

Professor Norman's time as a consultant was in continual demand by such companies as the General Electric Company, The International Harvester Company, The Dayton Rubber Manufacturing Company, the Goodyear Tire and Rubber Company and many others. In addition, because of his great facility with a number of languages, he served as foreign editor of *Automotive Abstracts* for a number of years.

While Professor Norman had great talents as an engineer, his greatest accomplishment was his ability to inspire his students, not only to have them learn the technical material he was presenting, at which he was a master, but also to inspire them to think about the effects their engineering work would have on the well-being of our society. At any gathering of alumni of the Department of Mechanical Engineering where former students of Professor Norman were present, there were always discussions about the lasting impression made on them by "Pop" Norman, as he was affectionately known.

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

C. Perry Perdue Denune

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 19, 1969, of Perry P. Denune, Professor Emeritus in the Department of Sociology.

Dr. Denune was born April 13, 1891, on a farm in Franklin County where he attended rural schools. He was graduated from North High School in Columbus, and subsequently enrolled at Hiram College from which he received the A. B. degree in 1917. From 1919 to 1921, he was in the grocery business. He served as a minister of the Church of Christ from 1914 to 1919. He received his M. A. and Ph. D. degrees from The Ohio State University in 1922 and 1927, respectively. Dr. Denune started his teaching career at The Ohio State University as an Assistant in 1921, becoming an Instructor in 1922, an Assistant Professor in 1928 and an Associate Professor in 1930. In 1940, he was appointed Professor of Sociology and Chairman of the Department and served in that capacity until 1950. He retired in 1951 and moved to Santa Rosa, California.

February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Perry Perdue Denune (continued)

Dr. Denune was responsible for developing the program and reputation of the Department of Sociology in teaching, research and service during the crucial years of rapid expansion after World War II. His special fields of interest in Sociology were Rural and Urban Sociology, Social Welfare and the Family. Results of research in these areas were published in monographs and numerous articles in professional sociological journals and other publications. Dr. Denune's ability and accomplishments in his chosen field were recognized by his colleagues when they elected him President of the Ohio Sociological Society in 1947-48. He was also Editor of the Ohio Valley Sociologist.

A dedicated teacher in and out of the University, Dr. Denune made numerous public addresses on sociological and social welfare topics in the local community and throughout the state. He contributed expertly and generously to civic affairs serving on numerous local, state and national boards, committees and commissions, such as the Board of Directors of the Columbus Council of Social Agencies, the Children's Code Commission, the State Department of Public Welfare of Ohio and the Committee on Education for Marriage of the National Conference on Family Relations. He was President of the Franklin County Chapter of the American Red Cross in 1935, the Ohio Welfare Conference in 1935 and the Columbus Council of Social Agencies in 1937.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Denune its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

D. James R. Hopkins

The Board of Trustees of The Ohio State University expresses its sorrow at the death, January 23, 1969, of James R. Hopkins, Professor Emeritus and Director of the former School of Art.

Professor Hopkins was born May 17, 1877, in Irwin, Ohio. He began his professional training at the Art Academy of Cincinnati. There he worked under Frank Duveneck before going abroad to study. After a year in Paris he travelled around the world studying in particular the art in Italy, Egypt, Ceylon, China and Japan. Returning to Paris in 1904 he remained for ten years, exhibiting frequently at the Salon des Artistes and other important shows. He was a member of the Societe Nationale des Beaux Arts, Paris. He also sent paintings to the United States and South America, winning the Lippincott Prize at the Pennsylvania Academy in 1908 and the Bronze Medal at the Buenos Aires International Exposition of 1910. He returned to the United States in 1914 and became the head and a member of the teaching staff of the Cincinnati Art Academy where he worked with his close friend and former teacher, Frank Duveneck.

February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. James R. Hopkins (continued)

In this period following his return from Europe he won the gold medal at the San Francisco Exposition of 1915; the Norman Wait Harris bronze medal at the Art Institute of Chicago, 1916; and the Thomas Clark prize at the National Academy of Design, 1920. He was designated as an Associate member of the National Academy (A. N. A.). He became especially famed for his paintings of Kentucky mountaineers at about the same time that John Fox in his American novels and Cecil Sharp in his English folk dances and music were discovering our "Contemporary Ancestors." The large canvasses "Mountain Courtship" (American Academy Award) and "Circuit Rider" (Ohio State University Collection) have become well known and appreciated for their artistic merits as well as for their intriguing subject content.

In 1923, James Hopkins accepted the position of visiting artist in residence on the Ohio State campus. He was soon appointed Head of the Department of Fine Arts and under his wise administration and executive work the rather small department grew to the status of a school having by 1947 a staff of forty and an enrollment of over seven hundred major students. His sincere interest and warm counseling, inspiring teaching and enthusiasm in art coupled with his diplomacy and executive skills became proverbial on The Ohio State University campus.

In addition to his master class in portrait painting and to his administrative duties for the School of Art, he found time for many other services, being at various times Chairman of the Athletic Board, Chairman of the Rules Committee and Chairman of the Committee on Recognition of University Staff. In addition, he was an active member of the Committee on Memorials and Gifts, the College Executive Committee, the Degree with Distinction Committee, the College Committee on Honorary Degrees and served as an unofficial advisor to the State Department of Education.

Professor Hopkins retired in 1947 and was made Professor Emeritus of Fine Arts. He received the honorary degree, Doctor of Laws, in 1948.

Professor Hopkins is represented by several portraits of University personnel on the University campus as well as many portraits in private collections. He also is represented in the collections of the Cincinnati Museum Association, the Atlanta Art Association and the Art Institute of Chicago.

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

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X. REPORTS

A. Report from Mr. Bricker Concerning Property Received by The Ohio State University and Request for Authorization to Sell Said Property

The Chairman, Mr. Bricker, reported that The Ohio State University has received a gift of property from the Estate of Harriet A. Paul which is located in Upper Arlington, Ohio. It was requested that this property be sold and the proceeds be paid to the University in accordance with the provisions of the donor's will.

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the authorization for the sale of said property was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The reports dated January 20, 1969 and February 12, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the Investment Portfolio, were received and ordered to be filed with the official records of the Board of Trustees.

C. Report on Status of the Budget Requests for The Ohio State University for 1969-71

President Fawcett made the following statement:

A succinct report on the status of our budget request for 1969-71 seems to be in order, since so much has been said and written on this subject in the last several weeks and since the requests are in channel but have not yet been resolved.

As I have reported to you previously under the regulations established by the Board of Regents, the University made its budget request to the Board of Regents on August 31, 1968. This was divided into two parts: (1) A continuation budget and (2) A budget for new and improved programs.

A continuation budget by definition incorporates the necessary funds for increased costs due to inflation, 5 percent for faculty salary increases, mandated increases for non-teaching employees, all the costs that are involved in increased enrollments, the costs of operating buildings that have come on line but are not in operation during the present year and such other miscellaneous items that are essential for the operation of this University.

The new and improved programs budget is for the support of programs which have evolved out of departmental six-year studies. These programs have been screened and examined in terms of what society demands most and of what the Institution is best qualified to provide.

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

On January 9, 1969, the Board of Regents met and took its official action. I would like to say, first of all, that the total dollars recommended to avoid a drop in quality at our institutions constituted a figure that I felt was acceptable--it provided for a continuation budget as I have defined it and provided support for about 27 percent of the new and improved programs that we had envisioned we could develop. The sources of funds suggested in this document caused a considerable amount of concern. First, for example, there was to have been an increase of 9 percent in this University's budget which when reduced to support on a full-time equivalent basis would have meant a 3.2 percent increase per student and a new two-part fee program. The first part called for an increase in the instructional fee at Ohio State from \$135 to a maximum of \$200 per quarter and an increase in the general fee that could have taken it from \$25 up to \$50 a quarter as a maximum, with the level to be determined, of course, on the basis of the needs of the University. The second part of the proposal involved a grant-in-aid program, for students of low income families, of \$100 or \$50 per quarter for an income of \$5,000 or \$7,500 per year, respectively, and twice this amount for students whose fees were over \$1,000 per year. It happens, that there are no private institutions where fees are under \$1,000 and no public institutions with fees as high as \$1,000. The full implementation of the program, if it had been adopted, could have placed resident fees at \$750 versus \$510 at the present time and non-resident fees at \$1,500 versus the present level of \$1,110. We would still have been roughly 7 million dollars per year under our request of last August for new and improved programs. As I indicated, the State support would have been in the range of 3.2 percent more per student and fees would have been increased in the range of 38 to 47 percent, had we followed this plan.

Three-fourths of the out-of-state undergraduates were to have been subsidized the first year and one-half the second year.

There would have been five branch districts with detachments of what we call regional campuses from parent campuses and a redistribution of these centers. As an illustration, Lima would have become a part of the northwest section and Lancaster, which is a part of the Ohio University district, would have been placed in the central district and so on.

Much dissatisfaction was expressed on the subject of student fees, out-of-state student support and branch campuses. The plan envisioned some increase in tax resources but failed to point out clearly to the General Assembly what the institutions

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

believed were minimum needs. The Presidents of the State-assisted institutions, without committing their governing boards, opposed the proposed large increase in fees. They opposed the out-of-state student formula. They opposed the branch plan. They opposed the grants-in-aid program unless additional resources were made available. I don't believe, however, that anybody would oppose the grants program if sufficient resources were available.

Now the Governor's State of the State message delivered last week held out new hope for us. I thought his treatment of higher education was for the most part enlightened. He proposed a much larger increase in State subsidy for technical education. He proposed a freeze on instructional fees at \$450 and presumably, although not stated, I believe, a \$150 limitation on general fees, which at Ohio State would mean an increase of \$5 per quarter on instructional fees if we went to this level and a range of increase from \$5 to \$25 on the general fee depending on institutional needs. This is a concept in harmony with a position this Institution has advocated for a long time, and I am very pleased with it. No subsidy, however, was provided for out-of-state undergraduates, but there was indicated full support for students--graduate and professional--a point I suppose that could be argued, but one of the central missions of this Institution is graduate and professional education. Good graduate programs bring students from everywhere for reasons that are obvious to all of us, a procedure that should continue. There was a proposal for acceleration of branches to four-year institutions. We have historically taken a position at our branches that we will support the policy guidelines established by the Board of Regents as a service to the people of the State. We have consistently insisted upon high quality in the lower division programs, and we continue to support the Board of Regents' policy providing for independence when their enrollment reaches the level of 5,000 students. If there is to be some change in that standard, we are not opposed to it. We will support the independent status for the branches when their fiscal resources and academic programs are sufficiently sound to guarantee high quality programs. There was a heavy emphasis on technical education at the branches, and we are under way with these programs. While we may differ in our views about procedures, we believe in technical education. This morning we have approved architects for the design of technical buildings at Lima and Mansfield. We have the space in the Newark and Marion buildings, because of lower enrollments, to provide technical education

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

now. There is no conflict in one view about the need for technical education, merely the procedure for supplying it, which has to be worked out. We are perfectly willing to work on this problem on any intelligent basis.

There was a capital improvements program proposed. As you know, at this Institution, under the law we are required to file requests for capital improvements every two years. We do this thoroughly, trying to anticipate all conceivable needs. We filed, as you know, a very sizeable document. With the exception of the Journalism Building, which was to be provided under Issue No. 1, our top priority item called for the construction of a new University Hall. While funds for this building were not in the message, we have had some assurance since that time that these funds will be provided. I sincerely hope that we will be able to obtain this building as soon as possible since it will form the center for the liberal education program on this campus. It is the facility that is urgently needed if the College of Humanities is to continue to grow and develop as it should.

The outcome of the proposal in the Governor's message on February 5 would appear to me to provide us a satisfactory continuation budget using the best definition of the term. It would provide us with resources for approximately one-fourth of our proposed new and improved programs. It would guarantee no major fee increase which, as I have indicated before, is the position I and many of you have advocated for a long time. The program, of course, is buttressed on a new tax program which would give a good level of operation for at least two more years. In general, I may say that I will support such taxes as the Legislature in its wisdom determines are necessary in order to pay for these programs.

I would add two or three footnotes--

(1) In all honesty I think there is some disagreement on a hasty conversion of branches. I think this is a problem that in due course can be worked out.

(2) There is no way for us at the present time to estimate the number of out-of-state students who would be attending this University as undergraduate students on the basis of newly proposed policy, but we need these students. They help to improve the quality of the University. We will still be trying to have out-of-state students attending. We do not

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

want our percentage of undergraduate out-of-state students to be under the 9 percent which we have at the present time. This University has never turned away Ohio students in preference to out-of-state students.

Another footnote I might add is my concern that non-teaching personnel employees be provided the mandated increases. We must be competitive with the market in this area, and we need the very best people we can get for these positions.

I want to say finally that the proposed fee freeze is good so long as there is adequate support from the State. I am advised that there will be a substitute bill for the branch programs that will do two or three things. One, it will leave the branches attached to the parent campuses, and two, it will mandate the offering of technical courses. We are not in disagreement with this principle because we are already under way on technical education at our branches. Three, it mandates an associate degree program at the branches. A question that may be argued is whether this is a Legislative or an academic decision. We haven't given the associate degree at The Ohio State University campus for two reasons--first, our mission has been more directed toward upper division and professional education and second, we have not chosen to be in competition with the Columbus Technical Institute, which is also under State support.

So, in general, the outlook for support from proper sources is much brighter than it was a month ago. The ultimate decision, however, is yet to come.

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Mr. Bricker commented "There has been so much confusion in the press and otherwise--we certainly appreciate the presentation as it comes now."

Mr. Shocknessy stated "I think we can all feel consoled with our present posture. I think that generally the Governor's State of the State message follows the aims and aspirations of this Board."

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February 13, 1969 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, March 13, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

Page 424 Blank

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 13, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, March 13, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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March 13, 1969 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rule 21.07 and Rule 29.2709
of Rules for the University Faculty

The Faculty Council on February 11, 1969, upon the recommendation of the Rules Committee of the Council approved certain amendments to the Rules for the University Faculty.

In addition to correcting and making more explicit some of the wording of the existing Rule 21.07, the revised rule specifically calls for

1. Person charged to have the right of appearance at all stages of the hearings;
2. A new committee to be known as the Faculty Tenure Hearing Committee to be established;
3. The President, after receiving the recommendation of Hearing Committee, shall give written notice to person charged before making formal recommendation to Board of Trustees. If the Board disagrees with recommendation of President, the Board shall request the President, the Hearing Committee and the person charged to respond to issues raised by the Board. After such review, the President shall then make his final recommendation.

Rule 29.2709 provides for

1. Changes in the number of members of the Council on Student Affairs and the manner in which they are chosen;
2. Faculty Council Standing Committee on Student Affairs; and
3. Changes in titles of principal administrators in the Office of Student Affairs necessary to accommodate the changes in titles previously approved by the Board of Trustees.

President Fawcett recommended that the above-referred-to amendments to the Rules for the University Faculty be adopted by the Board of Trustees, and that the Secretary of the Board be directed to correct and reprint the Rules for the University Faculty incorporating the specific changes as approved by the Faculty Council and included in these minutes as Appendix IV, page 453.

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

March 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a Certificate Program in Latin American Area Studies

The Faculty Council on February 11, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that a new program in Latin American Area Studies be established.

The Certificate Program in Latin American Area Studies is designed to supplement work for an advanced degree in any one of the cooperating departments. It consists of courses in the Spanish and Portuguese languages and courses dealing with one or more countries or regions of Latin America in five or more disciplines. The student will also be expected to acquire advanced competence in at least one professional area outside his major field of study. A Master's thesis or essay in a Latin American topic must be completed before the Certificate is obtained.

In order to insure the candidate's thorough competence in his own discipline, a student who enrolls only for the Certificate Program must already have a Master's degree or an advanced professional degree in a suitable discipline or must have passed his General Examinations for the Ph. D.

President Fawcett recommended that the above proposal be approved by the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 15, 1969, 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 V, page 459.)

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

D. A Major Library Acquisition

The University has negotiated a purchase agreement, subject to ratification by this Board, with a major bookstore in this country for the acquisition of an inventory of over 800,000 volumes. This agreement provides for the payment of a total of \$250,000.00 from the annual University Libraries budgets over a period of several years.

March 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. A Major Library Acquisition (continued)

With these additional volumes, which will be the largest single acquisition in the history of the University, The Ohio State University Libraries will move from its present position of fourteenth largest to well within the ten largest research libraries in the nation.

President Fawcett recommended that the above-referred-to agreement be approved by the Board of Trustees.

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

E. Honorary Degrees

President Fawcett recommended that

1. Pursuant to Rule 29.15 and the action of the Faculty Council on March 11, 1969, the honorary degree--Doctor of Laws--be conferred upon Amory Houghton, Sr., at the June 7, 1969 Commencement.
2. Pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the honorary degree--Doctor of Humane Letters--be conferred upon Leslie Townes "Bob" Hope at the June 7, 1969 Commencement.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 13, 1969 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, Realignment of Duties in the Office of University Development and Leaves of Absence Without Salary:

A. Appointments

Robert W. Teater, Associate Dean (part time - 60 per cent), College of Agriculture and Home Economics, and Administrative Adviser on the AID/Brazil Project (part time - 10 per cent) and AID/India Project (part time - 10 per cent), effective May 1, 1969, at a combined salary of \$20,040.00 per annum. Dr. Teater will hold an appointment as Professor in the Department of Agronomy at No Salary.

March 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Bernard J. La Londe, Professor (James R. Riley Professor of Marketing and Logistics) in the College of Administrative Science, effective October 1, 1969, at a salary of \$25,248.00 per annum. The title of this Professorship was changed from the James R. Riley Professorship of Transportation and Business Logistics to the James R. Riley Professorship of Marketing and Logistics in order to provide a more descriptive title for the work being done.

Zvonimir Janko, Professor, Department of Mathematics, effective April 1, 1969, at a salary of \$24,168.00 per annum.

Harold Schick, Professor, School of Natural Resources, effective April 1, 1969, at a salary of \$22,008.00 per annum.

B. Realignment of Duties in the Office of University Development

President Fawcett stated that "Pursuant to my memorandum of February 21, 1969, Vice President Smith has asked for the following realignment of duties for several staff members in the Office of University Development to carry out more effectively the responsibilities of this office. These changes have been suggested as a result of careful study and became effective March 1, 1969. They are recommended for your ratification":

Robert V. Esmond changed from Assistant Director of University Relations to Executive Assistant to the Vice President for University Development. (Salary unchanged)

David E. Pullman changed from Editor of University Publications to Director of Public Relations. (Salary unchanged)

Louis A. Treboni changed from Designer in the Office of University Publications to Director of University Publications. (Salary unchanged)

William F. Rounds changed from Editor of News and Information Service to Director of News and Information Service. (Salary unchanged)

March 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

Curt Leben, Professor (part time - 10 per cent), Department of Plant Pathology, effective March 17, 1969 through June 30, 1969, to conduct research at the University of California at Berkeley.

Burk A. Dehority, Associate Professor (part time - 10 per cent), Department of Animal Science, effective February 1, 1969 through February 28, 1969, to conduct research at Michigan State University.

James W. VanderZanden, Associate Professor, Department of Sociology, effective January 1, 1969 through March 31, 1969, for personal reasons.

R. William Liddle, Assistant Professor, Department of Political Science, effective April 1, 1969 through June 30, 1969, to teach in Singapore.

Richard E. Jones, Instructor (County Extension Agent, 4-H), Lorain County, Cooperative Extension Service, effective February 1, 1969. (Military Leave)

Judy A. Tamulitis, Instructor (County Extension Agent, Home Economics) Delaware County, Cooperative Extension Service, effective May 1, 1969 through May 31, 1969, to participate in European Study Tour, Home Furnishings, in Scandanavian countries.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Appointments, Realignment of Duties in the Office of University Development, Leaves of Absence Without Salary and the 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

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.

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

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #38 - Engineering Experiment Station).
Gross Value - \$9,900.95.
- a2. Atomic Energy Commission, Argonne, Illinois, Kinetics of Ionizing Radiation Induced Reactions in Organic Compounds (to be known as Atomic Energy Commission Project No. 1398-B - Mod. #7-1 - Department of Chemistry).
Gross Value - \$35,898.00.
- a3. Department of the Army, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland, Development of Ferroelectric and Ferromagnetic Radiation Detectors (to be known as U. S. Army Edgewood Arsenal Project No. 2203 - Mod. #4 - Department of Mechanical Engineering).
Gross Value - \$6,000.00.
- a4. Department of the Navy, Office of Naval Research, Washington, D. C., Research on Culture of Calcareous Green Algae (to be known as Office of Naval Research Project No. 2410 - Amend. #2 - College of Biological Sciences - Botany).
Gross Value - \$22,822.00.
- a5. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through the Plasma Sheath (to be known as Aeronautical Systems Division Project No. 2438 - C. O. #P005 - Department of Electrical Engineering).
Gross Value - \$6,670.00.
- a6. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as Harry Diamond Laboratories Project No. 2622 - C. O. #P-004 - Department of Electrical Engineering).
Gross Value - \$2,000.00.
- a7. Department of the Air Force, Electronics Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronics Systems Division Project No. 2758 - New - Department of Geodetic Science).
Gross Value - \$76,791.00.

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)

- a8. Department of the Air Force, Electronics Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronics Systems Division Project No. 2758-A - New - Department of Geodetic Science).
Gross Value - \$39,002.00.
- a9. Aerospace Medical Division, Brooks Air Force Base, Texas, Endocrine Function in Proposed Spacecraft Atmospheres (to be known as Aerospace Medical Division Project No. 2761 - New - Department of Physiology).
Gross Value - \$28,020.00.
- a10. Department of the Navy, Naval Air Systems Command, Washington, D. C., Electromagnetic Boresight Control of Radar Transmission Through a Radome (to be known as Naval Air Systems Command Project No. 2767 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.

TOTAL - Government Research Contracts - Federal \$257,103.95

2. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C584509, C585616 and C586432 - Department of Surgery).
Gross Value - \$3,654.69.
- a2. Health Research, Inc., Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc., Project No. 1569 - Check No. 074781 - Department of Surgery).
Gross Value - \$487.50.
- a3. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #4 - Department of Chemical Engineering).
Gross Value - \$20,000.00.

March 13, 1969 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)

- a4. University of Kansas, Center for Research, Inc., Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas, Center for Research, Inc., Project No. 2552 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$27,403.00.
- a5. National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering With Biology and Medicine (to be known as National Academy of Engineering Project No. 2775 - New - Department of Electrical Engineering).
Gross Value - \$19,373.00.
- a6. Consol-Truax-Traer Coal Co., Inc., Conservation Department, Library, Pennsylvania, Demonstration of Control of Acid Drainage from Coal Mine Refuse and Slurry Areas (to be known as Consol-Truax-Traer Coal Co., Inc., Project No. 2777 - New - Engineering Experiment Station).
Gross Value - \$67,740.00.

TOTAL - Industrial and Other Research Contracts \$138,658.19

3. Government Research Grants - Federal

- a1. 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 National Institutes of Health Project No. 1094-I - Ext. #9 - Department of Medicine).
Gross Value - \$30,336.00.
- a2. 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 National Institutes of Health Project No. 1172-H - Ext. #8 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$10,986.00.
- a3. 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 National Air Pollution Control Administration Project No. 1220-H - Ext. #8 - Department of Chemistry).
Gross Value - \$77,646.00.

March 13, 1969 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)

- a4. 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 National Air Pollution Control Administration Project No. 1220-H-1 - Ext. #1 - Department of Electrical Engineering).
Gross Value - \$15,412.00.
- a5. National Aeronautics and Space Administration, Washington, D. C., Inert Gas Effects on Developmental Physiology (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #5 - Department of Physiology).
Gross Value - \$31,000.00.
- a6. 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 National Institutes of Health Project No. 1571-E - Sup. #1 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$2,880.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633-F - Ext. #6 - College of Biological Sciences - Entomology).
Gross Value - \$23,344.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Blood PO₂-Artery QO₂ Relationship and Atherosclerosis (to be known as National Institutes of Health Project No. 1800-E - Ext. #5 - Department of Physiology).
Gross Value - \$14,989.00.
- a9. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Supersonic Combustion and Burning (to be known as Air Force Office of Scientific Research Project No. 2153-C - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$43,210.00.

March 13, 1969 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)

- a10. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Chevy Chase, Maryland, Individual Differences and Psychologic Stress (to be known as National Institute of Mental Health Project No. 2173-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$66,610.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305-B - Ext. #2 - Department of Physical Medicine).
Gross Value - \$20,383.00.
- a12. 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 National Institutes of Health Project No. 2379-B - Ext. #2 - Department of Chemistry).
Gross Value - \$24,329.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Prevention of Hepatitis After Cardiovascular Surgery (to be known as National Institutes of Health Project No. 2380-B - Ext. #2 - Department of Medicine).
Gross Value - \$26,633.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385-B - Ext. #2 - Department of Pathology).
Gross Value - \$26,441.00.
- a15. Department of Health, Education and Welfare, Public Health Service, Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Radiological Health, Bethesda, Maryland, Mercaptocyclopropylamines Radiation - Protective Agents (to be known as Bureau of Radiological Health Project No. 2460-B - Ext. #2 - College of Pharmacy).
Gross Value - \$10,859.00.

March 13, 1969 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)

- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormone Modulation of Emetic Responsiveness in Aves (to be known as National Institutes of Health Project No. 2613-A - Ext. #1 - College of Pharmacy).
Gross Value - \$10,978.00.
- a17. 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 National Institutes of Health Project No. 2701-A - Ext. #1 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$17,326.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies (to be known as National Institutes of Health Project No. 2769 - New - College of Pharmacy).
Gross Value - \$21,560.00.
- a19. National Science Foundation, Washington, D. C., Immunologic Specificity of Antibodies to Liver Ribosomes and Nuclei (to be known as National Science Foundation Project No. 2772 - New - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$30,000.00.
- a20. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Optimum Speed of Library Access as Related to Optimum Size of Library Collections (to be known as Office of Education Project No. 2773 - New - University Libraries).
Gross Value - \$5,193.00.
- a21. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neurophysiology of Corneal Receptive Fields (to be known as National Institutes of Health Project No. 2774 - New - College of Optometry).
Gross Value - \$15,626.00.

March 13, 1969 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)

- a22. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 2776 - New - Department of Veterinary Medicine).
Gross Value - \$66,863.00.
- a23. 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 National Institutes of Health Project No. 2780 - New - Department of Medical Microbiology).
Gross Value - \$20,574.00.
- a24. National Science Foundation, Washington, D. C., Research in Information Theory (to be known as National Science Foundation Project No. 2781 - New - Department of Mathematics).
Gross Value - \$4,900.00.

TOTAL - Government Research Grants - Federal \$618,078.00

4. Government Research Grant - State

- a1. Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio, Transportation of the Aging in Richland County and Ohio (to be known as Department of Mental Hygiene and Correction Project No. 2770 - New - Department of Sociology).
Gross Value - \$16,940.00.

5. Industrial and Other Research Grant

- a1. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc., Project No. 2420 - Amend. #5 - Division of Art Education).
Gross Value - \$29,772.00.

The foregoing forty-two contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$1,060,552.14.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, 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 13, 1969 meeting, Board of Trustees

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

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

During the period from January 29, 1969 through February 26, 1969, 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 326X	Development of a Driver-Based Measurement Technique to Assess the Effects of Roadway Development and Geometrics on Speed, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$67,793.00.
EES 296X Ext. #1	The Fatigue of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$96,800.00.
EES 274X Ext. #3	The Development of New Intersection Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$30,000.00.
EES 248X Ext. #7	Fundamentals of Soil Compaction, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$148,560.00.
SC 79	Conduct and Administration of Community Development Training Program, Component on Urban Analysis and Synthesis, Ohio Department of Urban Affairs, Columbus, Ohio. Gross Value - \$44,380.00.
SC 80	Architects' and Engineers' Professional Development Center, Office of Civil Defense, Washington, D. C. Gross Value - \$5,000.00.

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$392,533.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 13, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$553,000.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for construction of the "Comparative Medical Teaching and Research Facility," under the direction of the College of Veterinary Medicine. This grant was made under Title VII (A) of the Public Health Service Act, as amended. (Grant No. 1 J01 FR-00396-01)
2. \$45,846.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 MH08254-07)
3. \$45,049.00 granted 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, 1969 through June 30, 1970. (Grant No. 2 T02 MH05924-19)
4. \$40,095.00 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, 1969 through June 30, 1970. (Grant No. 2 T02 MH06375-13)
5. \$27,727.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "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, 1969 through March 31, 1970. (Grant No. 5 K03 HE13524-07)
6. \$24,230.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 MH10789-03)
7. \$20,930.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on OX-DNA Replication," for a Development Award - Research Career Program under the direction of the Department of Medical Microbiology, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 K03 A105714-02)

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$11,321.00 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, 1969 through February 28, 1970. (Grant No. 1 G01 LM00684-01)
9. \$5,307.00 supplemental grant from Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 3 T01 NB05529-03S1)
10. \$5,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Quantitative Methods in Librarianship: Standards Management, Research," under the direction of the University Libraries. This grant was made under Title II-B of the Higher Education Act of 1965, P. L. 89-329, as amended. (Grant No. OEG-0-9-450004-0430)
11. \$1,620.00 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, 1969 through June 30, 1970. (Grant No. 2 T01 MH08458-06)

TOTAL - Administered Through the Office of Business and Finance
\$780,125.00

B. Received Through The Ohio State University Development Fund

1. \$105,000.00 from the Estate of Mary W. Pomerene, Coshocton, Ohio-- \$102,500.00 for the Mary W. and Frank E. Pomerene Memorial Fund and \$2,500.00 for the Alumnae Scholarship House Fund.
2. \$50,000.00 from the Estate of Sarah R. Norton for the establishment of the Sidney Augustus Norton Memorial Fund.

Sidney Augustus Norton Memorial Fund

The Sidney Augustus Norton Memorial Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University from Sarah R. Norton, in memory of her father-in-law, Sidney Augustus Norton, former faculty member who died in 1918.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. Sidney Augustus Norton Memorial 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 is to be used to support worthy students at the University.

3. \$12,500.00 from Payne Fund, Inc., Cleveland, Ohio, (In the name of Mrs. Frances P. Bolton), for the Payne Fund Communications Project.
4. \$10,531.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
5. \$10,062.50 from the G. D. Searle & Company for the G. D. Searle & Company Research Fund in Medicine.
6. \$9,224.00 from Paul Benedum, Pittsburgh, Pennsylvania, for the Center for Continuing Medical Education Fund.
7. \$7,241.00 from the National Fund for Medical Education for the National Fund for Medical Education.
8. \$6,999.25 from the Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation Funds in the College of Veterinary Medicine.
9. \$6,052.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.
10. \$5,500.00 from Colgate-Palmolive Company, New York, New York, as an unrestricted gift for the Department of Obstetrics and Gynecology.
11. \$5,000.00 from Ferro Corporation, Cleveland, Ohio, for the Ferro Corporation Fellowship Fund.
12. \$5,000.00 from General Electric Company, Ossining, New York, for the 1969 program of Graduate Research and Study Grants.
13. \$5,000.00 from Republic Steel Corporation Educational and Charitable Trust, Cleveland, Ohio, for the John W. Bricker Professorship in the College of Law.
14. \$4,400.00 from Robert C. Coplan for the Shirley and Robert C. Coplan Scholarship Fund.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$4,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
16. \$3,000.00 from The Harvest Publishing Company, Cleveland, Ohio, as an unrestricted gift for the Department of Agricultural Economics in the College of Agriculture and Home Economics.
17. \$2,630.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
18. \$1,258.92 from Dr. Chester C. Winter for the Fund for Progress in Urology in the College of Medicine.
19. \$1,012.00 from Seward D. Schooler, Coshocton, Ohio, for the Presidents Club Special Fund.
20. \$1,000.00 from Mr. John B. Conard for the John B. Conard Fund for Ceramic Engineering.

TOTAL - Received Through The Ohio State University Development Fund - \$255,410.67

C. Establishment of New Funds from Previously Reported Gifts

M. Wilson McConnell Fund

The M. Wilson McConnell Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from M. Wilson McConnell, B.Sc. Bus. Adm. '28, Coshocton, 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 for a University purpose, selected by the President of The Ohio State University.

John W. and Elizabeth Williams Paynter Scholarship Fund

The John W. and Elizabeth Williams Paynter Scholarship Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John W. Paynter, B.Sc. Bus. Adm. '32, Detroit, Michigan.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

John W. and Elizabeth Williams Paynter Scholarship 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 income is to be used annually to provide one or more scholarships per year to an outstanding and needy student or students, who are 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, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aids and scholarships.

D. Funds Received for Royalties Account

\$35,000.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967 meeting.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the acceptance of the foregoing grants, gifts, and royalties, and the establishment of the above-specified 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, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	532	\$275,424.21
Individuals other than alumni	66	20,108.72
Nonprofit organizations	19	42,118.05
Business concerns	29	75,276.87
	<u>646</u>	<u>\$412,927.85</u>

Of these gifts, 319 totaling \$4,281.00 were undesignated and 327 totaling \$408,646.85 were designated.

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March 13, 1969 meeting, Board of Trustees

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. University Hospital, Remodel Intensive Care - Recovery Rooms

This project provides improvement of the intensive care area and related facilities associated with the operating rooms located on the fourth floor of University Hospital.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801150 (Remodel Intensive Care).

B. Goss Laboratory - Installation of New Distilled Water and Steam System

This project provides installation of a new distilled water system, new demineralizer, new steam generators and associated stainless steel piping and fittings.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801183 (Goss Lab Remodeling).

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

This project will provide year-around ventilation, filtering and cooling systems for the Pharmacy, Central Supply and Main Cafeteria and alteration to the present kitchen and cafeteria ventilating system.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801190 (University Hospital, Mechanical System Renovation).

D. Starling-Loving Hall, Renovation of Fourth Floor "B" Wing

This project provides remodeling of facilities for a medical diagnostic and referral clinic.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801199 (Starling-Loving, Fourth Floor).

E. Boilers 6 and 7, Elimination of Atmospheric Pollution

This project is part of the continuing policy of the University to eliminate as far as possible the source of atmospheric pollution.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801179 (Boilers 6 and 7 Conversion).

March 13, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

F. Means Hall - Renovation of Electrical System

This project will provide increased capacity to the electrical service needed because of the change in building occupancy and use.

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801200 (Means Hall - Renovation of Electrical System).

G. Means Hall - Additional Patient Facilities

This project will provide additional patient rest rooms on the 2nd, 3rd and 5th floors. Existing patient facilities are inadequate and inconvenient.

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801193 (Means Hall - Patient Facilities).

H. Edith Cockins Hall - Modernization for Faculty Offices

This project will provide for 18 senior faculty offices for the Department of Mathematics.

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801181 (Edith Cockins Hall - Modernization).

I. McPherson Chemical Laboratory - Library Renovation

This project provides for additional stacks and expansion of the Library on the third and fourth floors.

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801177 (McPherson Laboratory Remodeling).

J. School of Allied Medical Professions

This new building will provide classrooms, seminar rooms, laboratories and offices for the School of Allied Medical Professions.

Funds for this project have been provided from Item 315-062, H. B. 886, and from a Public Health Service Grant.

K. River Union and Drama Facilities

The Drama section of this project will provide a 622 seat auditorium, an experimental theater seating up to 300 persons, offices, classrooms, a listening center and related facilities.

March 13, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

K. River Union and Drama Facilities (continued)

The River Union section will provide a student center including recreational facilities and convenience shops.

Funds for this project have been provided from Item 315-045, H. B. 202 and H. B. 886; Budget Account 801083 (Student Facilities); Federal Grant Recoveries; and a Title I Federal Grant.

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

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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. Pedestrian Bridge Over Olentangy River and Olentangy River Road

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Bridge Contract</u> (2 bids received 3-7-69) Bates & Rogers Construction Co. (Columbus, Ohio)		
Base Bid	\$161,639.00	\$164,000.00
Alt. 1 Stairs and Railing at West Bank	9,100.00	12,000.00
Alt. 2 Galvanized Steel Chain Link Fabric	<u>1,400.00</u>	<u>4,000.00</u>
Total Contract	<u>\$172,139.00</u>	<u>\$180,000.00</u>

Funds for this project have been provided from the River Union Construction Fund and the Parking Rotary.

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

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VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 9 Approves the transfer of \$2,195.47 from Item 315-016 Medical Complex to Item 315-053 Dodd Hall Addition, H. B. 886, and the release of these funds for extra orders, final architects' fees and other miscellaneous expenses in connection with the project "Dodd Hall Addition."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Easements and Agreements to Provide for Construction of a Water Line

Easements and temporary work agreements for the construction of a water line will be required for the development of the Laboratory Animal Facility located adjacent to Don Scott Field. President Fawcett recommended that the necessary agreements to provide the right-of-way be negotiated with private land owners as determined from engineers' drawings.

It was, therefore, recommended 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 appraise the land owners' rights and to develop the necessary legal documents to provide the University with a right-of-way.

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

B. Edith Cockins Hall - Modernization for Faculty Offices

President Fawcett recommended that the engineering firm of Ralph and Curl be employed to provide services including complete preparation of plans and specifications for year-around ventilation and air conditioning for 18 faculty offices for the Department of Mathematics.

The fee for this service is estimated to be \$2,320.00 or 8 per cent of the mechanical contracts cost. Funds for the project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801181 (Edith Cockins Hall - Modernization).

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

March 13, 1969 meeting, Board of Trustees

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

C. Systems Engineering - Area 480 Computer Facility

President Fawcett recommended that the architectural firm of Croce and Abbot be employed to provide architectural and engineering services including all architectural, mechanical and electrical design and complete preparation of drawings and specifications for conversion of a portion of the fourth floor of the Systems Engineering Building to an expanded computer facility.

The fee for this service is estimated to be \$11,000.00 computed on an hourly basis, but not to exceed 10 per cent of the cost of construction. Funds have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801172 (Systems Engineering Remodeling).

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

D. Underground Electric Line Easement to Provide for Additional Electricity to the Main Campus

The Columbus and Southern Ohio Electric Company has been requested to provide additional electrical service to the campus. An easement to provide the right-of-way for this underground line is required. The easement required will commence at a point at King Avenue on the east side of the dike, proceeding northward to the site of the proposed substation, turning eastward approximately 300 feet to the southeast corner of the proposed substation, and then northward approximately 200 feet to tie in with the University distribution equipment.

The right-of-way shall be of sufficient width to provide the necessary future electric service as agreed between the Columbus and Southern Ohio Electric Company and the Office of Business and Finance of The Ohio State University.

President Fawcett recommended that the granting of an underground electrical easement to the Columbus and Southern Ohio Electric Company be approved. It was further recommended 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 easement to provide for the new and improved electric service.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendations were approved by unanimous roll call vote.

March 13, 1969 meeting, Board of Trustees

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

E. Acquisition of Property for Educational Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, the College of Veterinary Medicine at The Ohio State University in planning to meet the needs of its students and related programs is required to expand its facilities beyond the geographical area now served by its present Veterinary Clinic; the rapid urbanization of Franklin County has reduced the available livestock population below that required for continued large animal clinical instruction; this clinical instruction is an essential element in the four-year veterinary curriculum and requires specialized facilities and the availability of an adequate animal population; the acquisition of a facility in Union County will provide the required access to a more adequate large animal population and will support the need for additional veterinary clinical instruction; and

WHEREAS, the Board of Trustees of The Ohio State University deems that the acquisition of this facility is required to meet the needs of the College of Veterinary Medicine of the University and to serve the people of the State of Ohio; and, therefore, find it expedient to proceed with the acquisition of the necessary real property;

NOW, THEREFORE, BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with the purchase of the following described real estate located in Paris Township, Union County, Ohio:

Being 4.988 acres in VMS 3354 and 9.996 acres in VMS 3354 and 4069, Paris Township, Union County, Ohio, located on the Marysville-Milford Center Road (State Routes 4 and 36), and adjacent to the City of Marysville, Ohio, containing a complete and operational facility for a veterinary medicine practice.

Funds are available in Budget Account 801099 (transferred from the Veterinary Clinic Rotary). The owners of record are John E. Andreas and Helen M. Andreas. The purchase price of the property is not to exceed \$135,000.00.

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

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March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Carlton F. Christian, Associate Professor Emeritus in the Cooperative Extension Service, and Dieter Cunz, Professor and Chairman of the Department of German. 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 and friends of the deceased.

A. Carlton F. Christian

The Board of Trustees of The Ohio State University expresses its sorrow at the death January 29, 1969, of Carlton F. Christian, Associate Professor Emeritus in the Cooperative Extension Service.

Mr. Christian, born September 4, 1892, Fulton County, Ohio, was a veteran of World War I. He taught vocational agriculture at Canal Winchester after graduation from The Ohio State University. Later he edited a rural weekly newspaper, The Republican Record, in Geauga County; was farm editor of the Defiance Crescent News in Defiance, Ohio; and served as editor of Farm and Dairy, weekly farm publication in Salem, Ohio.

From January 22, 1934 to June 30, 1935, he was county extension agent in Wyandot County, leaving this position to serve as information specialist with the Agricultural Adjustment Administration in Washington, D. C. In 1936 he returned to Ohio to become secretary and general manager of the newly organized Milk Producers' Federation of Cleveland. He left this post to join the staff of the Cooperative Extension Service at Ohio State, first as an extension dairy marketing specialist and later as agricultural editor.

As agricultural editor from 1953 until his retirement in 1958, Mr. Christian headed the Extension Office of Information and Educational Aids on the University's Columbus campus and the Public Information Office at the Ohio Agricultural Research and Development Center in Wooster.

Mr. Christian was a skillful writer, editor and teacher, with a compassion for justice, a determination for accuracy and a disdain for verbosity. His loss is keenly felt by his professional associates.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Christian its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dieter Cunz

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 17, 1969, of Deiter Cunz, Professor and Chairman of the Department of German.

Dr. Cunz was born August 4, 1910, in Hoechstebach, Germany. He grew up and attended school in Wiesbaden. He studied at the Universities of Munich, Leipzig, Koenigsberg and Frankfurt. From Frankfurt he received his Ph.D. in 1934 in the fields of German Literature and History.

A dedicated opponent of Hitler and his regime, he left his native country in 1934 and lived in Switzerland as a free-lance writer and contributor to Swiss newspapers. In 1938 he emigrated to the United States. After a year in New York City, he moved to Baltimore, Maryland, where he received a scholarship from the Carl Schurz Memorial Foundation for work in the archives and the library of the Society for the History of the Germans in Maryland. In the same year he started his teaching career at the University of Maryland at College Park, Maryland, where he rose within nine years from the rank of assistant instructor to professor. He taught at this institution until 1957, when he joined the faculty at The Ohio State University as professor and chairman of its Department of German.

Dr. Cunz was a devoted teacher, who enjoyed the respect and love of his students. In 1961 the Arts College Student Council awarded him its Good Teaching Award, and in 1964 he received the Alfred J. Wright Award for "dedicated service to student activities and student organizations."

Dr. Cunz was a specialist in the field of 18th century German literature, but his most important and lasting contribution to scholarship was his work on the history of German immigration to the United States. His book The Maryland Germans, A History (The Princeton Press, 1948) established him as one of the two or three leading scholars in the field of immigration history both here and abroad. With the last of his many books he returned again to the field of German immigration history, a collection of literary portraits of famous German immigrants, They Came from Germany (Dodd, Mead & Co., New York, 1966). He contributed close to a hundred major articles and essays to periodicals and newspapers in this country as well as in Germany, Switzerland and France. He is also the author of German for Beginners, a textbook widely used in American and Canadian colleges and universities.

These scholarly activities earned him the highest recognition both here and abroad. He was on the board of directors of the Carl Schurz Memorial Foundation (1961 to 1965) and an honorary member of the Society for the History of the Germans in Maryland, whose secretary he had been from 1944 to 1956 and whose Reports he had edited for many years. In 1959 the government of the Federal Republic of Germany bestowed upon him the Knight's Cross, First Class "in recognition of his efforts on behalf of the German language instruction in the United States and his scholarly contributions in the field of German-American immigration history." In 1965 the Ohio State chapter of Phi Beta Kappa elected him to honorary membership.

March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dieter Cunz (continued)

Dr. Cunz was a member of the Modern Language Association of America, the American Association of Teachers of German, the Ohio Historical Society, the American Lessing Society and the Ohio College Association. He often held administrative positions in these organizations.

On behalf of the University community, the Board of Trustees expresses its deep sympathy to Dr. Cunz's friends and colleagues. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as a sincere expression of the Board's realization of the loss which The Ohio State University has sustained.

* * *

X. REPORTS

A. Report on Winter Quarter Commencement

President Fawcett reported that the Winter Quarter Commencement Convocation would be held on Saturday, March 15, 1969. Dr. Sherwood L. Fawcett, President of the Battelle Memorial Institute, will be the speaker on this occasion, when approximately 1,064 degrees and certificates will be awarded.

B. Report on Status of Proposal on "Open Housing"

The proposed "Open Housing" rules as passed by the Faculty Council on March 11, 1969, were distributed to the members of the Board of Trustees. President Fawcett indicated that he would recommend action on these rules at the April meeting of the Board of Trustees.

C. Report on the University's Investment Portfolio

The report dated March 12, 1969, 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 Thursday, April 10, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX IV

Revision of Rule 21.07 and Rule 29.2709
of Rules for the University Faculty

as Approved by the Faculty Council
February 11, 1969

Adopted by Board of Trustees March 13, 1969
(See page 426)

Page 454 Blank

Rules for the University Faculty

On February 11, 1969, the Faculty Council approved the following changes in the Rules for the University Faculty as a substitution for the text printed in the January, 1968 edition of the Rules for the University Faculty.

21.07. Tenure: Procedure for Termination.

Section 1. Charges of incompetence, grave misconduct, or other cause as set forth under Rule 21.03 shall be made in writing by the dean of a college (or, if the person charged is not assigned to a college, by a similar administrative officer), and transmitted to the President. If the President deems such charges to be of substance, he shall transmit them to the person charged and allow him a reasonable opportunity to reply to them. If, after this preliminary exchange, the President determines that the charges might call for termination of tenure, he shall initiate a hearing before a standing committee of three, to be known as the Faculty Tenure Hearing Committee. This committee shall be selected at the beginning of each academic year by the Faculty Advisory Committee. (See Rule 29.2713, Section 4b.) The Hearing Committee shall determine who may be present at its hearings.

Section 2. The rights of appearance, representation, submission of evidence, and introduction and questioning of witnesses shall be granted to both the administration and the person charged at all stages of the proceedings, and a permanent record of the hearing shall be kept. The Hearing Committee shall submit to the President a complete transcript of the hearing, and all other documents and exhibits relating to the matter, along with a written report containing findings of fact and recommendations. The person charged shall be given a copy of the report and transcript, and copies of all other documents and exhibits. Should the President disagree with the recommendations of the Hearing Committee, he shall indicate his differences to the Committee and the Committee shall respond to him on the issues he has raised. If the President requests the Hearing Committee to consider information not presented to them previously, they shall reopen the hearing and submit a supplementary report. All the procedures previously stated shall apply to the supplementary hearing and report.

Section 3. All records of the hearings and recommendations shall be held confidential in the office of the President; however, if the person charged is dismissed, the President and the Hearing Committee shall inform the University Faculty of the critical issues in the case. With the permission of the person charged, members of the University Faculty may review all University records of the case.

Section 4. Should the President at any time decide in favor of the person charged, in the absence of a request by the Board of Trustees for a formal recommendation, he shall close the case by writing to the person charged that the proceeding against him has been concluded and that his tenure is continued. In the event a formal recommendation is requested by the Board of Trustees, the President shall give written notice thereof to the person charged. The President, after receiving the recommendations of the Hearing Committee, shall give written notice of his decision to the person charged before making his formal recommendation to the Board of Trustees. The report of the Hearing Committee shall be transmitted to the Board along with his recommendation.

Should the Board of Trustees disagree with the recommendation of the President, the Board shall request the President, the Hearing Committee, and the person charged to respond to issues raised by the Board. After such review, the President shall then make his further recommendation and present it to the Board.

Section 5. Publicity concerning the findings and recommendations of the Hearing Committee and the President shall be withheld until the Board of Trustees has acted upon the President's final recommendation.

Rules for the University Faculty (continued)

21.07. Tenure: Procedure for Termination. (continued)

Section 6. Termination of tenure shall not become effective until one year's notice of the final decision has been given, except when otherwise ordered by the Board of Trustees because it finds the misconduct to be of such extreme gravity as to necessitate immediate severance of all relationship with the University. The President and the Hearing Committee shall include in their recommendations a statement as to whether or not this provision should be waived.

Section 7. The right to terminate tenure for cause shall be lost by failure of the proper administrative officer to inform the individual of the unsatisfactory nature of his services and to follow appropriate procedures within a reasonable time.

29.2709. Council on Student Affairs.

Section 1. The Council on Student Affairs shall consist of 15 members as follows:

a. Seven students to be selected as follows:

- (1) The President of the Undergraduate Student Body (see Rule 53.0701).
- (2) The President of the Women's Self Government Association (see Rule 53.0703).
- (3) Two students appointed by the President of the Undergraduate Student Body with the advice and consent of the Student Assembly.
- (4) Two students to be appointed by the President of the Council of Graduate Students with the advice and consent of that Council.
- (5) One student to be appointed by the Presidents of the Student Councils of the Colleges of Dentistry, Law, Medicine, Optometry, and Veterinary Medicine.

The five students appointed shall serve one-year terms but shall be eligible for reappointment.

- b. Six elected members of the Faculty Council chosen by the Faculty Council for three-year terms, two to be chosen each year.
- c. The Dean of Students.
- d. The Vice President for Student Affairs, who shall vote in case of ties.

Section 2. The Faculty Council members elected to the Council on Student Affairs shall also constitute the Standing Committee on Student Affairs of the Faculty Council.

Section 3. The Vice President for Student Affairs shall be Chairman of the Council. A Vice Chairman shall be designated by the six Faculty Council members of the Council on Student Affairs, and he shall also serve as Chairman of the Faculty Council's Standing Committee on Student Affairs.

Rules for the University Faculty (continued)

29.2709. Council on Student Affairs. (continued)

Reports by the Council on Student Affairs to the President of the University shall be made through the Vice President for Student Affairs. Reports to the Faculty Council shall be made through the Faculty Council's Standing Committee on Student Affairs.

Section 4. This Council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the Faculty Council proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the Vice President for Student Affairs.

The Council shall have the authority to make regulations pursuant to Rules for the Faculty, the By-Laws, and the Statutes, insofar as they pertain to students.

Section 5. The Council shall have responsibility for the recognition of, and determination of operating procedures for, the publications of all student organizations, but this responsibility may be delegated by this Council to the Student Publications Board or any College committee recognized by this Council.

Section 6. Any group of students desiring to organize and be recognized as a University organization or as a fraternity or sorority of this University shall obtain permission from the Council (see Rules 53.01 and 53.03), but this responsibility may be delegated by this Council to other councils. The Council shall require a list of officers and an annual report from every student organization on the activities of the organization.

Section 7. Without limiting the generality of the foregoing, the Council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the Council as outlined above may be added from time to time by assignment from the Vice President for Student Affairs.

Page 458 Blank

APPENDIX V

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 15, 1969

Page 460 Blank

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(Eighty-three candidates)

- Mudher Mohammed Ali Al-Falluji.....Hilla, Iraq
B.V.M. (University of Baghdad); M.Sc. (University of Washington)
Dissertation: Developmental Resistance to Polyoma Virus Oncogenesis and Runtng in Inbred Mice Treated with Antilymphocyte Serum (ALS)
Field of Specialization: Microbiology
- Houston Richard Baker, Jr.....Lancaster
A.B. (Harvard University)
Dissertation: The Modification of Calcium Contractures of Frog Ventricle by Autonomic Drugs
Field of Specialization: Physiology
- Norman Patrick Barnes.....Brunswick
B.Sc. in Phys., M.Sc.
Dissertation: Optical Parametric Mixing in Anisotropic Dispersive Media
Field of Specialization: Electrical Engineering
- Frederick John Beier.....Minneapolis, Minn.
B.Sc. in Bus.Adm., M.B.A.
Dissertation: Power in the Channel of Distribution: An Interdisciplinary Approach
Field of Specialization: Business Organization
- James Irving Berg.....Minneapolis, Minn.
B.Phys. (University of Minnesota)
Dissertation: The Far Infrared Optical Constants of Potassium Iodide
Field of Specialization: Physics
- Donna Lou Berglund.....Hickman Mills, Mo.
B.A. (Central College, Missouri)
Dissertation: Transition Metal Complexes Containing Cationic Phosphine, Potentially Tridentate Phosphine, or Phosphine Oxide Ligands
Field of Specialization: Chemistry
- Dimite Joanne Buckley.....Findlay
B.Sc., M.Sc., M.Sc.
Dissertation: Interaction of Calcium Ion with Alpha-S Casein
Field of Specialization: Chemistry
- Bruce Allen Bursack.....La Crosse, Wis.
A.B. (Ripon College); M.S. (University of Wisconsin)
Dissertation: Utilizing Item Sampling Techniques to Scale Affective Reactions to Mathematics
Field of Specialization: Education
- Lawrence Franklin Buxton.....Teaneck, N. J.
A.B., M.A. (Temple University)
Dissertation: An Investigation of Sex and Age Differences in Speech Behavior under Delayed Auditory Feedback
Field of Specialization: Speech

- Gordon Meredith Clark.....Lakewood
 B.I.E.; M.S. in Ind.Eng. (University of Southern California)
Dissertation: The Combat Analysis Model
Field of Specialization: Industrial Engineering
- John Raymond Copeland.....Columbus
 B.E.E., M.Sc.
Dissertation: Analysis of the TEM-Line Antenna
Field of Specialization: Electrical Engineering
- David Edward Crean.....Blockley, England
 B.A. (University of Capetown, South Africa); M.A. (University of Cambridge)
Dissertation: A Study of the Consistency of Tomato Juice as Influenced by pH Changes and Cell Wall Components
Field of Specialization: Horticulture and Forestry
- Charles Raymond Day.....Erie, Pa.
 B.A. (West Virginia Wesleyan College); M.A. (Duke University)
Dissertation: Assumed Similarity to Others: Some Determinants and Consequences
Field of Specialization: Psychology
- Anthony Primo DeThomas.....Dayton
 B.S. (University of Maryland); M.Sc.
Dissertation: Nutating Rate Gyroscope (NURAG) Concept
Field of Specialization: Electrical Engineering
- Terry Leroy Dickinson.....Toledo
 B.Sc., M.A.
Dissertation: The Effects of Work Interaction and Its Interplay with Task Organization on Team and Member Performance
Field of Specialization: Psychology
- George Richard Dreese.....Cincinnati
 B.A. (Providence College); M.B.A.
Dissertation: A Study of the Borrowing Patterns of Eighteen Cleveland Territory, Fourth Federal Reserve District Member Banks over the Period 1961-1965
Field of Specialization: Economics
- Mamata Dutta.....Burdwan, West Bengal, India
 B.Ch.E. (Jadavpur University); M.Tech. (Indian Institute of Technology)
Dissertation: The Effect of Molecular Size on Vapor Liquid Equilibria
Field of Specialization: Chemical Engineering
- Edward Paul Dworkin.....Worcester, Mass.
 B.A. (Clark University); M.A. (Assumption College)
Dissertation: Recruitment for Inquiry in Education
Field of Specialization: Education
- Clifford Don Fawcett.....Fairborn
 B.S. (Utah State University); M.S.E.E. (University of Southern California)
Dissertation: Application of Dynamic Programming to Select Tactics for Air-to-Ground Attack under Uncertainty
Field of Specialization: Industrial Engineering

- James William Gall.....Taylorville, Ill.
 B.S. (Chemistry) (University of Illinois)
Dissertation: Reactions of Sulfur Dioxide with Free Radicals
Field of Specialization: Chemistry
- Manvel Allan Geyer.....Lima
 B.S.E.E. (Ohio Northern University); M.S.E.E. (University of Pittsburgh)
Dissertation: Deadbeat Response of a Brushless Alternator
Field of Specialization: Electrical Engineering
- William Gibson.....Toledo
 Ph.B., M.A., B.Educ. (University of Toledo)
Dissertation: A History of Family and Child Welfare Agencies in Baltimore, 1849-1943
Field of Specialization: History
- Enrique Alejandro Gil.....Buenos Aires, Argentina
 Agr.Eng. (University of Buenos Aires); M.Sc.
Dissertation: Comparative Evaluation of 4-Acetamidoantipyrine and Specific Gravity Techniques with Determined Physical and Chemical Composition in Beef Cattle
Field of Specialization: Animal Science
- James Joseph Gleason.....Wilmington
 B.S. in Ed. (University of Dayton); M.A.
Dissertation: After Innocence: The Later Novels of Edith Wharton
Field of Specialization: English
- Thomas Dickson Graham, Jr.....Delaware
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: A Study of the Misassignment of Public Secondary School Teachers in Ohio
Field of Specialization: Education
- Christopher Allen Griffis.....Houston, Tex.
 Met.Eng. (Colorado School of Mines)
Dissertation: An Analysis of the Energy Absorbed and the Fracture Process in Conventional Notched Bars of AISI 4340 Steel as a Function of Tensile Strength
Field of Specialization: Metallurgical Engineering
- Charles Robert Griffiths.....Foxboro, Mass.
 B.S. in E.E. (Northeastern University); M.Sc.
Dissertation: Dielectric Nonlinearity and Loss in the (Ba, Sr)TiO₃ and (Pb, Sr)TiO₃ Systems
Field of Specialization: Ceramic Engineering
- David Clark Haines.....Lowellville
 B.A. (College of Wooster); M.Sc.
Dissertation: Quasi-Orthogonality in p-Rings
Field of Specialization: Mathematics
- Wayne Lee Hamilton.....Coral Gables, Fla.
 A.B. (Dartmouth College)
Dissertation: Microparticle Deposition on Polar Ice Sheets
Field of Specialization: Geology

- Gary Dean Hodgen.....Frankfort, Ind.
 B.S.A., M.S. (Purdue University)
Dissertation: Purification, Isolation, Identification and Inhibition of Carbonic Anhydrase Isoenzymes by Cadmium Chloride and Acetazolamide
Field of Specialization: Dairy Science
- David Lee Hull.....Cleveland
 B.Sc. in Edu.; M.S. (Math) (University of Wisconsin)
Dissertation: Limit Theorems with Weighted Averages of Random Variables
Field of Specialization: Mathematics
- Frank James Humenik.....Parma
 B.C.E., M.Sc.
Dissertation: The Development and Ecological Relationships of a Continuous, Symbiotic Algal-Bacterial System and Its Applications to Wastewater Nutrient Removal
Field of Specialization: Civil Engineering
- Margaret Ann Jennings.....Cimarron, Kan.
 B.A. (Montana State University); M.Sc.
Dissertation: Transition Metal Complexes of Ambidentate Anions
Field of Specialization: Chemistry
- Thomas John.....Tiruvalla, Kerala, India
 B.A. (University of Kerala); B.T. (University of Gauhati); M.Ed. (Loyola University)
Dissertation: Development and Validation of Criteria and Instruments for an Evaluative Study of the Effectiveness of the U.S. Aided Regional College Program for the Improvement of Secondary School Teacher Education in India
Field of Specialization: Education
- Haskell Lee Jones.....Arkadelphia, Ark.
 B.S. in Edu. (Arkansas State Teachers College); M.S. (University of Arkansas)
Dissertation: The Development of Certain Aspects of Scientific Literacy in College Freshman Physical Science Students
Field of Specialization: Education
- Richard Buckingham Keusch.....Ormond Beach, Fla.
 B.M.E., M.Sc., M.B.A.
Dissertation: Long-range Planning Policies and Practices of Florida-based Companies
Field of Specialization: Business Organization
- Gerald Andrew Killeen.....Athens
 B.A. (Iona College); M.A. (Ohio University)
Dissertation: The Process of Union Recognition in Selected School Districts in Ohio
Field of Specialization: Education
- Kenneth Eugene Kissell.....Columbiana
 B.Sc., M.Sc.
Dissertation: Application of an Infrared Image Tube to Astronomical Spectroscopy
Field of Specialization: Astronomy

- Jasna Jovanović Kragalott.....Columbus
M.A.
Dissertation: The Turkish Loan Words in Ivo Andrić's *Na Drini Cuprija*
Field of Specialization: Slavic Languages and Literature
- Donald Ernest Kuhla.....Staten Island, N. Y.
B.A. (New York University)
Dissertation: Synthesis and Reactions of Specifically Substituted 1*H*-Azepines
Field of Specialization: Chemistry
- Kamal Raj Lodha.....Jodhpur, India
G.B.V.C. (Bombay Veterinary College); M.Sc.
Dissertation: Mating Behavior and Reproduction in the Face Fly, *Musca autumnalis* DeGeer (Diptera: Muscidae)
Field of Specialization: Veterinary Parasitology
- Marshall Woford Logue.....Junction City, Ky.
B.A. (Centre College of Kentucky)
Dissertation: The Synthesis, Photolysis, and Pyrolysis of 6,6'-Dithynyldiphenic Anhydride
Field of Specialization: Chemistry
- William Francis Lyon.....Marengo
B.Sc. in Agr., M.Sc.
Dissertation: Behavioral Response of the Adult Cereal Leaf Beetle *Oulema melanopus* (Linnaeus), (Coleoptera, Chrysomelidae) to Various Chemical Lures
Field of Specialization: Zoology and Entomology
- James Gordon Macmillan.....Bellingham, Wash.
B.A. (Western Washington State College)
Dissertation: 2-Norbornyl Cations
Field of Specialization: Chemistry
- George Herbert Mayhew.....Powell
B.S. (Kent State University); M.Sc.
Dissertation: Seismic Reflection Study of the Subsurface Structure in Western and Central Ohio
Field of Specialization: Geology
- Jeffrey Scott Mehring.....Shaker Heights
B.Sc. in Agr., M.Sc.
Dissertation: Studies on the Metabolism of Glucose, Alpha-amino Nitrogen, Non-esterified Fatty Acids and Lactic Acid in the Horse
Field of Specialization: Animal Science
- Gregg Folger Melde.....San Jose, Calif.
B.S. in Cer.E. (University of Washington)
Dissertation: Reaction Mechanisms for Low-Shrinkage Vitrified Ceramics
Field of Specialization: Ceramic Engineering
- Henry Keith Miller.....Columbus
B.S. in Edu. (Capital University); M.Sc.
Dissertation: Comparative Morphological Studies of Proventriculi in the Order Dictyoptera: Suborder Blattaria
Field of Specialization: Zoology and Entomology

- Gaylord Penrod Patten.....Elberta, Utah
 B.S. (Brigham Young University); M.Sc.
Dissertation: Effect of Seed Orientation on Emergence and Growth of Corn
Field of Specialization: Agronomy
- David Sydney Patton.....Huntington, W. Va.
 B.Sc.
Dissertation: The 7-Norbornenyl and 3-Quadricyclyl Cations
Field of Specialization: Chemistry
- Roy Woodvall Persons, Jr.....Garland, Tex.
 B.A. (Texas Christian University); M.S. (Ohio University)
Dissertation: Interpersonal Intimacy with Recidivists
Field of Specialization: Psychology
- Donald Neil Peterson.....Vandalia
 B.S. (Wittenberg University)
Dissertation: Glaciological Investigations on the Casement Glacier, Southeast Alaska
Field of Specialization: Geology
- Judson Christopher Philips.....Upper Montclair, N. J.
 B.S. (Pennsylvania State University)
Dissertation: The Synthesis of Unsaturated Heterocyclic and Carbocyclic Propellanes
Field of Specialization: Chemistry
- Ralph Lewis Pruitt.....Shaker Heights
 A.B. (Talladega College); M.S. (Atlanta University)
Dissertation: An Analysis of Types of Exercises in Plane Geometry Texts in the United States from 1878 to 1966
Field of Specialization: Education
- Clifford Steven Queen.....Columbus
Dissertation: Non-conservative Function Fields of Genus One
Field of Specialization: Mathematics
- Harland LeRoy Randolph.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Communication Ecology of Conflict Transformation and Social Change
Field of Specialization: Speech
- David Barringer Rensch.....Dayton
 B.E.E., M.Sc.
Dissertation: Extinction and Backscatter of Visible and Infrared Laser Radiation by Atmospheric Aerosols
Field of Specialization: Electrical Engineering
- Gary Donald Richmond.....Washington, Pa.
 B.A. (Washington and Jefferson College)
Dissertation: Addition of Electron-Deficient Carbon-Carbon Multiple Bonds to Strained Polycyclic Hydrocarbons; The Chemical and Physical Properties of β -Keto Sulfoxides
Field of Specialization: Chemistry

- David Dorman Robinson.....Cleveland
 B.A., M.A. (Michigan State University)
Dissertation: Predicting Police Effectiveness from Self Reports of
 Relative Time Spent in Task Performance
Field of Specialization: Psychology
- David Ford Robitaille.....Montreal, Quebec, Canada
 B.A. (University of Montreal); M.A. (University of Detroit)
Dissertation: Selected Behaviors and Attributes of Effective Mathe-
 matics Teachers
Field of Specialization: Education
- Elliott Moye Rutledge.....Nashville, Tenn.
 B.S. (Tennessee Polytechnic Institute); M.S. (University of Arkansas)
Dissertation: Loess in Ohio: Composition in Relation to Several Local
 Rivers
Field of Specialization: Agronomy
- James Taggart Sanders.....Canton
 A.B. (Harvard College); M.A.
Dissertation: A Developmental Study of Preferences for Television
 Cartoons
Field of Specialization: Psychology
- David Lee Sansbury.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Silence as a Variable in Counseling Interviews
Field of Specialization: Psychology
- Gobind Saran Saxena.....Jobner, Rajasthan, India
 B.Sc., M.Sc. (Agra University); M.Sc. (University of Rajasthan)
Dissertation: Effect of Environmental Factors and Water-Table Depth
 on Evaporation Rates from Soils in the Presence of Water Table
Field of Specialization: Agronomy
- Arthur Bernard Scharff.....Memphis, Tenn.
 B.A.; A.M. (Columbia University)
Dissertation: The Old French *Chansons De Toile*
Field of Specialization: Romance Languages
- Ronald Gabriel Selsby.....New York, N. Y.
 B.A. (Harpur College)
Dissertation: The Relationship Between the Ionization Potential and
 the State of Aggregation of Adsorbed Cyanine Dyes
Field of Specialization: Physics
- Joseph Jerhene Shang.....Dayton
 B.S. (Taiwan Provincial Chen Kung University); M.S. (Astronautics)
 (Polytechnic Institute of Brooklyn)
Dissertation: Incompressible, Viscous Flow Past a Shallow Step
Field of Specialization: Aeronautical and Astronautical Engineering
- Thomas Gilmore Shroyer.....Worthington
 B.A., B.Sc. in Edu., M.A.
Dissertation: An Investigation of the Semantics of English Sentences
 as a Proposed Basis for Language Curriculum Materials
Field of Specialization: Education

- Otto Robert Siebenmann.....Seattle, Wash.
 B.A. (University of Toronto)
Dissertation: The Relation of the Individual to Society in the Plays of Bertolt Brecht: 1926-1933
Field of Specialization: German
- Eve Tammissoo Simson.....Columbus
 B.Sc., M.A.
Dissertation: The Faith Healer: A Study of Deliverance Evangelism in the United States
Field of Specialization: Sociology
- Nathaniel Cutright Smith, Jr.....Danville, Ill.
 B.Sc. in Bus.Adm., M.A.
Dissertation: Factors Underlying WISC Performance in Juvenile Public Offenders
Field of Specialization: Psychology
- Richard Vladimir Steffel.....Cleveland
 A.B. (Case Western Reserve University); B.Sc. in Edu., M.A.
Dissertation: Housing for the Working Classes in the East End of London, 1890-1907
Field of Specialization: History
- William Burton Steis.....Columbus
 B.A. (University of Notre Dame); M.A. (University of Florida)
Dissertation: An Analysis of RAI—Radiotelevisione Italiana: The Italian Broadcasting System
Field of Specialization: Speech
- Frank Alexander Stickney.....Washington, D. C.
 B.S.B.A. (Boston University); M.B.A. (Air Force Institute of Technology)
Dissertation: The Authority Perception of the Program Manager in the Aerospace Industry
Field of Specialization: Business Organization
- Dean Edward Svoboda.....Cleveland
 B.E.E., M.Sc.
Dissertation: Phased Array Applications of Antennas with Integrated Electronic Circuits
Field of Specialization: Electrical Engineering
- Chow Loy Tom.....Honolulu, Hawaii
 Edu.B. (University of Hawaii); B.S., M.S. (University of Illinois)
Dissertation: What Teachers Read to Pupils in the Middle Grades
Field of Specialization: Education
- Sopin Tongpan.....Bangkok, Thailand
 B.S. (Kasetsart University); M.S. (Oregon State University)
Dissertation: An Economic Analysis of the Price of Thai Rice
Field of Specialization: Agricultural Economics and Rural Sociology
- Karl Arthur Traul.....Cuyahoga Falls
 B.S. (University of Akron); M.Sc.
Dissertation: Isolation, Purification and Immunochemical Characterization of an Rh₀(D) Active Lipoidal Material from Human Erythrocytes
Field of Specialization: Microbiology

Charles Eugene Trott.....Columbus
B.Sc. in Edu., M.A.
Dissertation: A Cross-Spectral Model of an Urban System
Field of Specialization: Geography

Ivan Ernest Valentine.....Raleigh, N. C.
B.S. (Gen. Sci.) (South Dakota State College); M.E. (Colorado State University)
Dissertation: An Assessment of the Two-Year Series of National Leadership Development Institutes in Technical Education
Field of Specialization: Education

John Preston Wilcox.....Columbus
B.M.E., M.Sc.
Dissertation: Investigation of an Eccentric Planetary Pumping or Metering Device
Field of Specialization: Mechanical Engineering

David Raymond Wortendyke.....Cincinnati
Elec.Engr. (University of Cincinnati); M.Sc.
Dissertation: Electromagnetic Reflection from a Metal Post Structure
Field of Specialization: Electrical Engineering

Jiunn Shang Yu.....Memphis, Tenn.
B.E.E., M.S. (University of Florida)
Dissertation: Measurement of Constitutive Parameters Using the Mie Solution of a Scattering Sphere
Field of Specialization: Electrical Engineering

Master of Accounting *(One candidate)*

Dwight Jay Yoder.....Toledo
B.Sc. in Bus.Adm.
Field of Specialization: Accounting

Master of Arts *(Eighty-nine candidates)*

Caryl Jean Altizer.....Waco, Tex.
B.S. (Bethel College)
Field of Specialization: Education

Pantelis Michael Angelides.....Columbus
B.A.
Field of Specialization: Political Science

Suree Assawamatiyanont.....Bangkok, Thailand
B.A. (Sacramento State College)
Field of Specialization: Psychology

John Joseph Bacialli.....St. Louis, Mo.
B.A. (Saint Louis University)
Field of Specialization: German

Roderick Wayne Barron.....Reno, Nev.
B.A. (Occidental College)
Field of Specialization: Psychology

- Karen Canning Bell.....Columbus
 B.A. (Grove City College)
Field of Specialization: Education
- Melissa Wells Bixler.....Zanesville
 B.S. in Edu. (Kent State University)
Field of Specialization: Physical Education
- Frank Simms Black, Jr.....Detroit, Mich.
 B.S. in Ed. (Central State University, Ohio)
Field of Specialization: Sociology
- Glenn Clarence Blomquist.....Chesterland
 B.A. (Ohio Wesleyan University)
Field of Specialization: Economics
- Carol L'Heureux Bontempo.....Cos Cob, Conn.
 B.A. (University of Connecticut)
Field of Specialization: Linguistics
- Ronald Briggs.....Liverpool, England
 B.A. (University of Southampton)
Field of Specialization: Geography
- Michael Kent Burns.....Plantation, Fla.
 A.B. (Capital University)
Field of Specialization: Romance Languages
- E. Merlaine Peach Calhoun.....Gallipolis
 A.B. (University of California, Berkeley)
Field of Specialization: Education
- Olivia Lynn Campbell.....Charleston, W. Va.
 B.A. (Morris Harvey College)
Field of Specialization: Speech
- Marie-Claire Charton.....Marseille, France
 B.A. (Jacksonville State College, Alabama)
Field of Specialization: Romance Languages
- Theodore Mirtl Charvat.....Columbus
 B.A.
Field of Specialization: Journalism
- Billie Hall Cirrincione.....Columbus
 B.S. (State University College, Oswego, New York)
Field of Specialization: Education
- Kay Earhart Cloud.....Columbus
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Dorotha Patrick Counts.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Inez Weekley Curry.....Westerville
 A.B. (Salem College, West Virginia)
Field of Specialization: Education

- Frances Bernice DeLott.....Winthrop, Mass.
 B.S. (Simmons College)
Field of Specialization: Psychology
- Charles Alva Dominick.....Minerva
 B.A. (College of Wooster)
Field of Specialization: History
- Doris Elaine Edmonson.....Dayton
 B.A.
Field of Specialization: English
- Ronnie Lyle Fadley.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Ann Upson Femia.....Columbus
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Bruno Femia.....Mansfield
 B.Sc. in Edu.
Field of Specialization: Education
- Leonard A. Ferrante.....Wickliffe
 Ph.B. (Borromeo Seminary, Cleveland)
Field of Specialization: Speech
- Elizabeth Sherry Flynn.....Columbus
 B.A. (Pace College)
Field of Specialization: English
- Morris Rupert Fowler.....Grove City
 B.S. in Ed. (Youngstown University)
Field of Specialization: Education
- Jacquelyn Jean Fynes.....Girard
 B.M. (Youngstown University)
Field of Specialization: Music
- Connie Vermillion Goudinoff.....Kenton
 B.A., M.A.
Field of Specialization: Art
- Mary Kathryn Graf.....Reynoldsburg
 A.B. (Marion College)
Field of Specialization: English
- Lee Grant.....Columbus
 B.A.
Field of Specialization: Speech
- Marla Ann Greenfield.....Columbus
 B.Sc. in Edu.
Field of Specialization: Romance Languages
- Karen Lenora Gritzmaker.....Botkins
 B.Sc. in Edu.
Field of Specialization: Education

- Judith Danford Gussler.....Columbus
 B.A.
Field of Specialization: Anthropology
- Jerry Woodland Hammett.....Columbus
 B.Jc. in Bus.Adm.
Field of Specialization: Economics
- Charles Gerald Higgins.....Phoenix, Ariz.
 B.A. (Arizona State University)
Field of Specialization: Slavic Languages
- Linda McIntyre Hines.....Walton, N. Y.
 B.A. (State University of New York at Buffalo)
Field of Specialization: Psychology
- Eitetsu Hirata.....Naha, Okinawa
 B.A. (University of Ryukyu)
Field of Specialization: Education
- Martha Jayne Hurst.....Geneva
 A.B. (Hiram College)
Field of Specialization: Sociology
- William Driscoll Hussey.....Manchester, N. H.
 A.B. (Saint Anselm College)
Field of Specialization: Classics
- Joseph Ira Hyler.....Brooklyn, N. Y.
 A.B. (Brooklyn College)
Field of Specialization: Political Science
- Joan Stoltz Kamm.....Columbus
 B.S. in Edu. (Miami University)
Field of Specialization: Education
- James Russell Kealey.....Fairfield, Conn.
 B.A. (Fairfield University)
Field of Specialization: German
- Alan Lee King.....Newcomerstown
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- June Cummins Kohler.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Liese Koss Kuehn.....Columbus
 A.B. (Capital University)
Field of Specialization: German
- Beulah Kay Lewis.....Dayton
 B.A. (West Virginia Wesleyan College)
Field of Specialization: Education
- Carol Ann Lutz.....Shelby
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

- Carol Bode Marty.....Reynoldsburg
 B. of Music (Heidelberg College)
Field of Specialization: Music
- Thomas William McAvoy.....Colorado Springs, Colo.
 B.A. (Southern Colorado State College)
Field of Specialization: Journalism
- Alice Arn McKnight.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- William Joseph Meyer.....Kent
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Bonnie Marie Meyers.....Fairborn
 B.A.
Field of Specialization: Psychology
- Franklin Calvin Mohler, II.....Columbus
 B.A.
Field of Specialization: Theatre
- Shirley Glassman Moliff.....Cleveland
 B.S. (Edu.) (Kent State University)
Field of Specialization: Education
- Elke Boesherz Morgan.....Columbus
Field of Specialization: German
- Lois Ruth Morse.....Grove City
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Ellen Cooney Needham.....Coshocton
 A.B. (Wittenberg University)
Field of Specialization: Speech
- John Phillip Nesser.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Paul Dieter Oeltjen.....Ohrwege, Ammerland, West Germany
Field of Specialization: Psychology
- Robert Francis Paugh.....Youngstown
 B.Sc. in Edu.
Field of Specialization: Education
- Lois Shirley Polster.....University Heights
 B.A.
Field of Specialization: Romance Languages
- Ann Thomas Powell.....Durham, N. C.
 B.A. (University of North Carolina)
Field of Specialization: Speech
- Shahzad Ahmed Rizvi.....Columbus
 B.A., M.A. (Vikram University); M.A. (Aligarh Muslim University)
Field of Specialization: Education

- Apparecida Cesar Robert.....Sao Paulo, Brazil
Field of Specialization: Psychology
- Olinde Hedwig Roye.....Columbus
 B.A.
Field of Specialization: German
- Mary Ann Ruehle.....Upper Sandusky
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Dean Fredrick Rust.....Genoa
 B.S. (Bowling Green State University)
Field of Specialization: Political Science
- Dorothy Davies Scott.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James Vernon Seals, Jr.....Corpus Christi, Tex.
 B.A. (Baylor University)
Field of Specialization: Slavic Languages
- Larry Allan Seitz.....Cleveland
 B.Sc. in Phys.
Field of Specialization: Education
- Frederick Arthur Sexton.....Findlay
 B.A.
Field of Specialization: Political Science
- John Edward Shea.....Troy, N. Y.
 B.A. (State University of New York at Albany)
Field of Specialization: English
- Rosalyn Jean Siegel.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- June Simmermon Slaughter.....Jeffersonville
 B.Sc. in Edu.
Field of Specialization: Education
- Sue Carol Snyder.....Orrville
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Betty Jane Anderson Spacagna.....Columbus
 B.A. (Shorter College)
Field of Specialization: Romance Languages
- Gundega Kazaks Spencer.....Columbus
 B.A. (Kalamazoo College)
Field of Specialization: History
- Ray Emerson Stahl.....Johnson City, Tenn.
 B.A. (Bethany College); B.D. (Butler University); Ed.M. (University
 of Pittsburgh)
Field of Specialization: Journalism
- James Martin Swanson.....Columbus
 B.A. (Rice University)
Field of Specialization: Psychology

- Ruthe Natalie Tex.....Pittsburgh, Pa.
 B.S. (University of Pittsburgh)
Field of Specialization: Speech
- Rosemarie Trenjan.....Massillon
 B.A. (Notre Dame College, Ohio)
Field of Specialization: Education
- Sister Barbara Jean Wallace.....Columbus
 A.B. (College of Saint Francis, Joliet, Illinois)
Field of Specialization: Education
- Stewart Lee Weiskind.....Mayfield Heights
 B.A. (Syracuse University)
Field of Specialization: Geography
- Sydney Doane Wild.....Travis Air Force Base, Calif.
 B.A. (Bowling Green State University)
Field of Specialization: Speech
- Robert McKay Wilhelm.....Tavistock, Ont., Canada
 B.A. (Hons.) (McMaster University)
Field of Specialization: Classics
- Fay Kimie Yamashita.....Honolulu, Hawaii
 B.Sc. in Edu.
Field of Specialization: Education

Master of Business Administration *(Twenty-eight candidates)*

- Keith Melvin Bischoff.....Niles
 B.Sc. in Agr.
Field of Specialization: Business Organization
- Dean Hathaway Clingerman.....Bellefontaine
 B.S.Met.E. (University of Cincinnati)
Field of Specialization: Business Organization
- Jack Boyd Cotter.....West Unity
 B.Sc. in Agr.
Field of Specialization: Business Organization
- Pierre Leon Haulot.....Brussels, Belgium
Field of Specialization: Business Organization
- Douglass Kenneth Hawes.....Warren, R. I.
 B.E.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Business Organization
- William Charles Johannes.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Vincent Anthony Mabert.....Garfield Heights
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Giora Matzkin.....Haifa, Israel
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

- David Ray Maxwell.....Brookfield, Ill.
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Jerre Kent Mellott.....McConnellsburg, Pa.
 B.S. (Syracuse University)
Field of Specialization: Business Organization
- William Raymond Morrissey.....Cleveland
 B.A. (College of the Holy Cross); M.A.
Field of Specialization: Business Organization
- Robert Joseph Mudd.....Westerville
 B. of Elec.Engr. (University of Louisville); M.S.E.E. (University of Wisconsin)
Field of Specialization: Business Organization
- Carl Walter Olsson.....Manchester, Conn.
 B.A. (Yale College)
Field of Specialization: Business Organization
- Larry Farnum Perkins.....Miami, Okla.
 B.S.Ed. (Kansas State College of Pittsburg)
Field of Specialization: Business Organization
- Louis Keith Pettit.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- John Ryder Poole, II.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Edward Allen Powers.....Ashley
 B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Anthony Charles Rowe.....Wadsworth
 B.E.E.
Field of Specialization: Business Organization
- Donald Scooler.....Orangeburg, S. C.
 A.B. (Brooklyn College)
Field of Specialization: Business Organization
- George Thomas Smith.....Reynoldsburg
 B.S.E.E. (Milwaukee School of Engineering)
Field of Specialization: Business Organization
- Don Alan Smylie.....South Euclid
 B.S.I.M. (Purdue University)
Field of Specialization: Business Organization
- Clyde Spell.....West Palm Beach, Fla.
 B.S. (Florida State University)
Field of Specialization: Business Organization
- Robert Hudson Tidwell.....Columbus
 B.Sc. in Phar.
Field of Specialization: Business Organization

- David Bruce Tremblay.....Dayton
 B.Mech.Engr. (University of Dayton)
Field of Specialization: Business Organization
- Marlowe Edward Ubl.....Akron
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Warren William Ware.....Cleveland
 B.Met.E., M.Sc.
Field of Specialization: Business Organization
- Jay Frederick Williams.....Centerville
 B.A. (Lawrence University)
Field of Specialization: Business Organization
- Ross James Winning, III.....Germantown
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Master of City Planning *(Two candidates)*

- Donald Norman Fisk.....Warren
 B. of Arch. (Kent State University)
Field of Specialization: City and Regional Planning
- Mark Stein.....Brooklyn, N. Y.
 B.S. (New York Institute of Technology); B.Arch. (University of Oklahoma)
Field of Specialization: City and Regional Planning

Master of Fine Arts *(One candidate)*

- Nancy Crow Stitzlein.....Loudonville
 B.F.A.
Field of Specialization: Fine Arts (Ceramics)

Master of Science *(One hundred and nine candidates)*

- Augusto G. Aguirre.....Manizales, Colombia
 M.D. (University of Caldas, Colombia)
Field of Specialization: Pathology
- Marianita Madamba Albano.....Quezon City, Philippines
 B.Sc. (University of the Philippines)
Field of Specialization: Botany
- Mohammad Hamid Asghar.....Montgomery, West Pakistan
 B.S. (California State Polytechnic College)
Field of Specialization: Electrical Engineering
- *Virginia Ann Ashmun.....Painesville
Field of Specialization: Animal Science

- Michael Francis Barlage.....Waverly
 B.E.E.
Field of Specialization: Electrical Engineering

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

- Peter Nevius Bartram.....Aiken, S. C.
 B.S. (Michigan State University)
Field of Specialization: Chemical Engineering
- Robert Anthony Baxter.....Cleveland
 B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering
- Maynard Eugene Beery.....Seville
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Brian Lewis Belt.....Wadsworth
 B.I.E.
Field of Specialization: Industrial Engineering
- Robert Royce Bishop.....Albany
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Anan Boonmuchar.....Bangkok, Thailand
 B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Gurcharan Singh Brar.....Ferozepore, India
 B.Sc. (Engineering) (Punjab University)
Field of Specialization: Civil Engineering
- Marjorie Kerr Brunner.....Damascus
 A.B. (Miami University)
Field of Specialization: Pathology
- Alan Robert Brunsman.....Dayton
 B.E.E.
Field of Specialization: Mechanical Engineering
- Andrew Frederick Bulfer.....Adelphi, Md.
 B.S. in E.E. (Massachusetts Institute of Technology)
Field of Specialization: Electrical Engineering
- Nicholas Byron Bullock.....Brookfield
 B.S. (Grove City College)
Field of Specialization: Computer and Information Science
- Dale Allen Castello.....Akron
 B.E.E.
Field of Specialization: Electrical Engineering
- John Donald Cercek.....Cleveland
 D.D.S.
Field of Specialization: Dentistry
- James August Corso.....Sandusky
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Michael Eugene Coughlin.....Topeka, Kan.
 B.S. (Saint Louis University)
Field of Specialization: Physics

- Charles Eugene Craig.....Canton
 B.I.E.
Field of Specialization: Industrial Engineering
- Danny Joe Crocker.....Springdale
 D.D.S.
Field of Specialization: Pathology
- Charles Alan Crotty.....Fairborn
 B.S.E.E. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- John Daniel Curtis.....Colchester, Ill.
 B.S. in Edu. (Western Illinois University)
Field of Specialization: Botany
- Charles Robert Danner, Jr.....Plainfield, Ind.
 B.S.A. (Purdue University)
Field of Specialization: Zoology
- Mary Martin Dillingham.....East Cleveland
 B.S. Home Ec. (Tuskegee Institute)
Field of Specialization: Preventive Medicine
- Edward Albert Eiswirth.....St. Louis, Mo.
 A.B., B.S. in Aero.Engr. (University of Notre Dame)
Field of Specialization: Aeronautical and Astronautical Engineering
- Ralph William Emmons.....Springfield
 B.M.E.
Field of Specialization: Mechanical Engineering
- Ram Mohan Engira.....Ludhiana, India
 B.Sc. Elec. Engin. (College of Agricultural Engineering, Punjab University)
Field of Specialization: Electrical Engineering
- John Clarence Fisher.....Bucyrus
 B.Sc. in Agr.
Field of Specialization: Animal Science
- *Richard Thomas Frank.....Louisville
Field of Specialization: Aeronautical and Astronautical Engineering
- Nancy Pauline Fraser.....Riverdale, Ill.
 B.A. (Illinois Wesleyan University)
Field of Specialization: Pathology
- Richard Edward Garcia.....New York, N. Y.
 B.A. (C.W. Post College)
Field of Specialization: Physiology
- Donald Ray Garsh.....Columbus
 D.D.S. (University of Iowa)
Field of Specialization: Pharmacology
- Sureshchandra Chintaman Ghorpade.....Poona, Maharashtra, India
 B.Tech. (Indian Institute of Technology, Bombay); M. Tech. (Indian Institute of Technology, Kharagpur)
Field of Specialization: Metallurgical Engineering

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

- Edward Francis Glod.....Hubbard
 B.S. (Youngstown University)
Field of Specialization: Chemistry
- Peter Charles Goldman.....Columbus
 B.Sc.
Field of Specialization: Zoology
- Kenneth Roger Gordon.....Perrysburg
 B.S. in Edu. (Capital University)
Field of Specialization: Botany
- Robert William Gotshall.....Carrollton
 B.S. (Mount Union College)
Field of Specialization: Physiology
- Mervin Wayne Graham.....Columbus
 B.Sc., D.D.S.
Field of Specialization: Dentistry
- DeLorre Salem Haddad.....Medina
 D.D.S.
Field of Specialization: Dentistry
- Judith Ann Hanna.....Columbus
 B.A.
Field of Specialization: Chemistry
- *Thomas Charles Hartrum.....Cambridge
Field of Specialization: Electrical Engineering
- Fred Joseph Hellinger.....Norfolk, Va.
 B.A. (University of Florida)
Field of Specialization: Mathematics
- Sandford Raymond Holdahl.....Rockville, Md.
 A.B. (University of Miami, Florida)
Field of Specialization: Geodetic Science
- David Charles Hopkins.....North Royalton
 B.Sc.
Field of Specialization: Mathematics
- David Erle Houser.....Marion
 B.M.E.
Field of Specialization: Mechanical Engineering
- Ints Kaleps.....Dayton
 B.S. (Physics) (Brown University)
Field of Specialization: Physics
- Henry Scott Kane.....Mechanicsburg, Pa.
 B.S. (Swarthmore College)
Field of Specialization: Physics
- Rohin Khara.....New Delhi, India
 B.Tech. (Indian Institute of Technology, Bombay)
Field of Specialization: Chemical Engineering

* Also Bachelor of Electrical Engineering, College of Engineering

- Marc Owen Kloner.....Akron
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- *John Charles Kovach.....Euclid
Field of Specialization: Aeronautical and Astronautical Engineering
- Lowell Dean Kreager.....Newark
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Juan Francisco Kuon.....Lima, Peru
 B. Industrial Engineering (University Nacional de Ingeniería, Peru)
Field of Specialization: Chemical Engineering
- **Robert Edmond Kuseski.....Pataskala
Field of Specialization: Electrical Engineering
- James Elliott Thomas Laningham.....Richmond, Va.
 B.S. (Virginia Polytechnic Institute); D.V.M. (Texas Agricultural and
 Mechanical University); M.D. (Medical College of Virginia)
Field of Specialization: Pathology
- Robert Maurice Lawson.....Dayton
 B.S.M.E. (University of Cincinnati)
Field of Specialization: Industrial Engineering
- Wade Thomas Leakey.....Columbus
 B.S.E.E. (University of Oklahoma)
Field of Specialization: Electrical Engineering
- Danai Lekhyananda.....Bangkok, Thailand
 B.Eng., M.Eng. (Chulalongkorn University)
Field of Specialization: Electrical Engineering
- Sharon Campbell LeVally.....Columbus
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Billy Lee Lockman.....San Diego, Calif.
 A.B., B.S. (San Diego State College)
Field of Specialization: Chemistry
- Ralph LeRoy Lyon.....Caledonia
 B.Sc. in Phar.
Field of Specialization: Pharmacy
- Sarah Feng Ma.....Cookeville, Tenn.
 B.S. (Taiwan Provincial Chung Hsing University)
Field of Specialization: Pathology
- Helena Teixeira Martins.....Bom Sucesso, Brazil
 B.S. (Purdue University)
Field of Specialization: Home Economics
- Morris Glen Mast.....Ephrata, Pa.
 B.S. in Educ. (Goshen College)
Field of Specialization: Poultry Science

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
 ** Also Bachelor of Electrical Engineering, College of Engineering

- Michael Gray McCalley.....Towson, Md.
B.S. (United States Air Force Academy)
Field of Specialization: Physics
- John Micheal McCray.....Middletown
B.Sc.
Field of Specialization: Computer and Information Science
- Anne Norton Miller.....Lorain
B.A. (Earlham College)
Field of Specialization: Microbiology
- Catherine Marie Moreau.....St. Nicolas, De Port, France
M.Sc.
Field of Specialization: Computer and Information Science
- James Blair Morton.....North Bergen, N. J.
B.A. (Hastings College)
Field of Specialization: Chemistry
- Donald George Nameche.....Lima
B.I.E.
Field of Specialization: Industrial Engineering
- Gary Lee Nordyke.....Englewood, Colo.
B.S. (United States Air Force Academy)
Field of Specialization: Physics
- Philip Ebelechuku Okoye.....Onitsha, Nigeria
B.C.E.
Field of Specialization: Civil Engineering
- *Robert Ashley Perkins.....Cincinnati
Field of Specialization: Ceramic Engineering
- George Harrison Pommert.....Washington C. H.
B.A. (Ohio Wesleyan University); D.D.S.
Field of Specialization: Dentistry
- Hamida Begum Qavi.....Hyderabad, India
B.Sc., M.Sc. (Osmania University)
Field of Specialization: Biochemistry
- Jacub Rais.....Semarang, Indonesia
Field of Specialization: Geodetic Science
- Diva Resende.....Belo-Horizonte, Brazil
B.S. (Oklahoma State University)
Field of Specialization: Home Economics
- Colin Keith Robbins.....Greensboro, N. C.
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering
- Dorothy Ritzie Rodite.....Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Home Economics
- Amy Kuntz Rosenberg.....Columbus
A.B. (George Washington University)
Field of Specialization: Mathematics

* Also Bachelor of Ceramic Engineering, College of Engineering

- Csaba Miklos Rozsa.....Cleveland
 B.Sc.
Field of Specialization: Physics
- John David Ruoff.....Wapakoneta
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Willard Francis Sander.....Cincinnati
 B.I.E.
Field of Specialization: Industrial Engineering
- David Carroll Sanders.....Sheridan, Ind.
 B.S. (Butler University)
Field of Specialization: Chemistry
- Charles Harris Sechler.....Maumee
 B.Sc.
Field of Specialization: Computer and Information Science
- John Michael Seifrick.....Westerville
 B.S. (Youngstown University)
Field of Specialization: Engineering Mechanics
- Devi Mulchandani Shahaney.....Calcutta, India
 B.Sc. (University of Calcutta) ; M.S. (Purdue University)
Field of Specialization: Entomology
- Masid Nassiff Shaheen, Jr.....Columbus
 B.S. (University of Cincinnati) ; D.D.S.
Field of Specialization: Dentistry
- Hari Mohan Sharma.....Lucknow, India
 M.B.B.S., M.D. (K. G. Medical College)
Field of Specialization: Pathology
- Ramesher Dass Sharma.....Hissar, India
 B.Sc. and A.H. (Punjab University)
Field of Specialization: Animal Science
- Larry Anthony Shockling.....Canton
 B.M.E.
Field of Specialization: Mechanical Engineering
- Gerald Charles Shumaker.....DeGraff
 B.M.E.
Field of Specialization: Mechanical Engineering
- Robert Guy Smith.....Goshen, Ind.
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Arthur Ian Swann.....Sackville, N. B., Canada
 M.R.C.V.S. (Royal Veterinary College)
Field of Specialization: Microbiology
- Ronald Eugene Thompson.....Lancaster
 B.Sc. in Agr.
Field of Specialization: Agricultural Education

- James Keneth Thomson.....Shenandoah, Ia.
 B.S. (Tarkio College)
Field of Specialization: Chemistry
- Edward James Timmer.....Middletown
 B.S.Met.Engr. (Purdue University)
Field of Specialization: Metallurgical Engineering
- Bharat Nyalchand Vakil.....Gujarat, India
 B.E. (Sardar Patel University)
Field of Specialization: Electrical Engineering
- Dale Brookins Wade.....Columbus
 D.D.S.
Field of Specialization: Dentistry
- Klaus Juergen Waibel.....Guttenberg, N. J.
 B.S. (University of Maryland)
Field of Specialization: Computer and Information Science
- David Joseph Wesley.....Detroit, Mich.
 D.D.S. (University of Detroit)
Field of Specialization: Dentistry
- Richard James Wilders.....Columbus
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Mathematics
- Cecil Carl Wristen.....Columbus
 B.W.E.
Field of Specialization: Welding Engineering
- Benita Co Yao.....Manila, Philippines
 B.S. (Mapua Institute of Technology)
Field of Specialization: Horticulture
- Nicholas Timor Yaworski.....McLean, Va.
 B.A. (Rice University)
Field of Specialization: Chemistry
- *John David Yoxtheimer.....Warren
Field of Specialization: Mechanical Engineering
- John Kister Zell.....Kettering
 B.I.E.
Field of Specialization: Industrial Engineering
- Roland Zielke.....Koln, West Germany
Field of Specialization: Mathematics
- Master of Science in Public Administration** *(One candidate)*
- Philip Carl Sammet.....Columbus
 B.A.
Field of Specialization: Political Science
- * Also Bachelor of Mechanical Engineering, College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
Acting Dean for Undergraduate Programs: Robert A. Oetjen

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

College of The Arts <i>Dean: O. Lee Rigsby</i>	College of Mathematics and Physical Sciences <i>Dean: Geoffrey Keller</i>
College of Biological Sciences <i>Dean: Richard Bohning</i>	College of Social and Behavioral Sciences <i>Dean: Paul G. Craig</i>
College of Humanities <i>Dean: Charles L. Babcock</i>	

Bachelor of Arts

(One hundred and thirty-seven candidates)

Karlis Julijs Abolins.....	Worthington
Roger Lewis Albrecht.....	Columbus
Mary Ellen Allison.....	Cuyahoga Falls
Marilyn Lenore Andrews.....	East Cleveland
James Joseph Arnold.....	Rocky River
Michael Allen Baer.....	Celina
Robert Alan Barcus.....	Cleveland
Dale Joseph Batty.....	Versailles
Lynn Allen Beaumont.....	Cortland
William Ronald Beaver.....	Columbus
Sharon Martin Betts.....	Columbus
Elizabeth Ann Bliss.....	Marysville
Gerald Marc Bonomini (with Distinction in English).....	Columbus
Susan Alice Brown.....	Columbus
Philip Donald Brust.....	Springfield
Mary Sue Burdick (summa cum laude).....	Arlington, Va.
Samuel Joseph Cardman, Jr.....	Norwalk
Kathleen Louise Cartwright.....	Springfield
Juanita Alene Cavey.....	Jackson
Martin Stuart Chattman.....	Shaker Heights
Sue McCord Cobes.....	Worthington
Harry Minshall Cochran, Jr.....	Columbus
Linda Beth Cohn (cum laude).....	Cincinnati
James Russell Cook.....	Gahanna
Murray Patrick Copeland.....	Columbus
Daniel DeWitt Critchfield.....	Point Pleasant, W. Va.
King Kersten Culp.....	Galion
Jean Elaine Curran.....	Park Ridge, Ill.
John Edwin Davis.....	Columbus
Larry Walter Dick.....	Columbus
Charles Edward Durrant.....	Columbus
Donald Wayne Eaker.....	Columbus
Alan Wayne Evans.....	Nashport
William Edward Ferris.....	Valhalla, N. Y.
James Robert Fletcher.....	Burton
Kathleen Frances Fletcher.....	Columbus

James Wesley Foster.....	Manlius, N. Y.
John Herbert Frazee.....	Cleveland
William Joseph Gabriel.....	Worthington
*Merryl McWhinney Gate.....	Eaton
Ann Marie Gilbert.....	Avon Lake
Richard Alonzo Good.....	Trotwood
Richmond Faithful Green, Jr.....	Columbus
James Lee Haines (cum laude).....	Columbus
Andrea Anne Hanson.....	New Philadelphia
Dale Allen Harcourt.....	Toledo
Margaret Sabina Henry.....	Columbus
Donna Jean Hinderleider.....	Columbus
James Richard Horner.....	Springfield
Janice Lynne Hough.....	Canal Fulton
Gary William Housley.....	Akron
Michaele Edith Hymes.....	Wilmette, Ill.
Cynthia Gay Hyslop.....	St. Clairsville
Joan Jolane Johnson.....	Newton Falls
Judith Ann Johnson.....	Trenton, N. J.
Lynne Marie Kanieski.....	Cleveland
David Valentine Kaprosy.....	Richmond Heights
Karen Louise Keller.....	Bedford
Raymond Lester Keller.....	Reynoldsburg
Michael Brooks Kerrigan.....	White Plains, N. Y.
Mary Catherine Kirwin.....	Columbus
Candace Durbin Korthals.....	Washington, D. C.
Diana Louise Kuhr.....	Dayton
Ann Frances Kuna.....	Scarsdale, N. Y.
Sheila Linda Leff.....	Pittsburgh, Pa.
Billie Ann LePage.....	Cincinnati
Harriet Maxine Lieberman.....	Newark, N. Y.
*Coralie Elizabeth Liggett.....	Georgetown
Kiel G. Mandt.....	Columbus
Karen Affie Martin.....	Newark
William Courtney Martin (summa cum laude).....	Jackson
Edward Victor Mascio.....	Warren
Eugeniusz Matuszewski.....	Parma
Timothy Ivan Maurer (cum laude).....	Fostoria
Richard Porter McCrea.....	Alliance
Ray Scott McCutcheon.....	Akron
Catherine Elizabeth McDaniel.....	Columbus
Frederick Melvin McFadden.....	Columbus
Jonathan Clouse Miller.....	Marysville
Mary English Miller.....	Columbus
Kenneth Paul Mills.....	Columbus
James Roy Minter.....	Richwood
Nelson G. M. Mkandawire.....	Blantyre, Malawi
Charlotte Forgy Morgan.....	Dayton
John Thomas Mullins.....	Kenton
Barbara Diane Neal.....	Akron
Bruce Allen Neely.....	Antwerp
Wallace Harley Offutt, Jr.....	Akron
James Patrick Opelt.....	Columbus
Mollie Lane Painter.....	Zanesville

* Also Bachelor of Science in Education, College of Education

Jessica Melinda Pearce..... Columbus
 Douglas Mahlon Purdin..... Columbus
 David Walter Raymond..... Springfield
 Gabriel Nicholas Repassy..... Lorain
 Allan Mark Resnick..... Cleveland Heights
 Lee Osbun Reynolds..... Columbus
 Vivian Beatrice Rivkin..... Staten Island, N. Y.
 Lindall Lee Rollyson..... Columbus
 Linda Ann Romans..... Cleveland
 Ronald Joel Rothschild..... Shaker Heights
 Stephen Thomas Sanger..... Norwalk
 Gary Philip Schlosberg..... Columbus
 Michael Leonard Scruggs..... Riverside, Calif.
 Georgia Annette Skinn..... Norwalk
 Susan Elaine Skolnik..... Shaker Heights
 Gary Norman Slutzky..... Dayton
 Frank Stone Smith..... Dayton
 Roger William Spinks, Jr..... Columbus
 Cheryl Ann Spray (cum laude)..... St. Marys
 Robert Larney Steele..... Columbus
 Ray Roger Stees..... Ocean City, N. J.
 Elizabeth Ann Stein..... Pittsburgh, Pa.
 Jerry Kent Stimpfle..... Upper Sandusky
 James Lawrence Stires..... Canton
 Erich Franz Stocker..... Columbus
 Thomas Carl Sweterlitsch..... Canton
 Jerrel Lee Thompson..... Columbus
 Sarah Marie Thompson..... Newark
 John Tkatschenko..... Salem
 John Wesley Townsend, Jr..... Chagrin Falls
 Gary Parish Turpening..... Toledo
 Jeanne Ann Vinciguerra..... Wickliffe
 Gregory Stephen Waddell..... Columbus
 John Thomas Walker..... Columbus
 David Michael Waltz..... Massillon
 Harry Fred Wartnick..... St. Louis Park, Minn.
 John Steven Wassel..... Cleveland
 Theodore John Waters..... East Liverpool
 Steve Merrick Weed..... Columbus
 Richard Wayne Weimer..... Columbus
 Jane Angerman West..... Navarre
 Douglas Frederick Worth..... Canton
 Amelia Stephanie Wright..... Kettering
 Steve Wukela, Jr..... Mansfield
 Robert Gail Zahller..... Columbus
 Edward James Zell..... Warrensville Heights
 William Florian Zenker, B.Sc. in Bus.Adm..... Columbus

Bachelor of Science

(Seventy-eight candidates)

Roger Rettig Apple..... North Baltimore
 James Robert Aspinwall, Jr..... Cincinnati
 Frederick Joseph Baddour..... Cleveland
 Melvin Lee Balsler..... Granville
 Paul Jeffrey Barans..... Columbus
 Leslie Warren Beears..... Brecksville

Ronald Wayne Bluff.....	Columbus
Jerry Lee Boroff.....	Fostoria
Danny Eugene Bush.....	Columbus
Roy Hudson Carwile.....	Monmouth, Ill.
Johanna Rae Cavender.....	Findlay
Jessica Ann Coane.....	Trenton, N. J.
Thomas Barrett Cole, Jr.....	Wickliffe
Linda Mary Colombi.....	Cleveland Heights
Harold Raymond Cooper.....	Barnesville
Cynthia Rose Coron.....	Canton
Reynold Marvin Crane, Jr.....	Cleveland
Michael Edward DeCapita.....	Avon Lake
James Edward Dobbins.....	Cincinnati
Laurence Earl Drake.....	Coshocton
Walter Joseph Drugan, Jr.....	Ravenna
James Elwood Durham.....	Okeene, Okla.
Jeffrey Rogers Eibling.....	Columbus
LeRoy August Ellerbrock (summa cum laude).....	Leipsic
Joe Luther Evans.....	Trotwood
John Fredricks.....	Dayton
James Albert French, Jr.....	Addison
Charles Keith Fuqua.....	McComb
Patricia Ann Gavron.....	Lorain
Robert Eugene Geary.....	Cleveland
Jerry Blosser Gerken.....	Logan
Cameron Alexander Gililand.....	Mariemont
Betsy Kay Gottfried (summa cum laude).....	Mansfield
Catherine Weber Gray (cum laude).....	Cincinnati
Martin Eliot Gross.....	South Euclid
John Walter Guthrie.....	Cedarville
Tracy Krafthefer Heeter.....	Columbus
Kim Allyn Heller.....	Columbus
William Michael Hertz.....	Euclid
Steven Lawrence Hogue.....	Dayton
Carroll Dean Howman.....	Mansfield
Cheryl Ann Janson (cum laude).....	Columbus
Alan Joseph Johnson.....	Columbus
Thomas Samuel Jordan.....	Seven Hills
Daryl James Kelly.....	Newark
Robert Louis King.....	Crestline
John William Koerner.....	Warren
Robert Francis Kroeger.....	Youngstown
Mary Alice Lantz.....	Granville
Kenneth Steven Lewis.....	Springfield
Andrea Theodora Lorence.....	Roselle Park, N. J.
Joseph Michael Marzluff.....	Charleston, S. C.
Richard Allen Miller.....	San Antonio, Tex.
Marian Gail Moore.....	Columbus
Richard Walter Osgood.....	Lexington, Mass.
John George Pacek.....	Independence
Louis Gregory Petros.....	Columbus
Raymond Dominic Pochedly.....	Cleveland
Thomas Edward Portsmouth.....	Middletown
Ernest Frank Przybyla.....	Cleveland
David Gene Raymond.....	Columbus
Kenneth Bruce Rehm.....	Cleveland

Mark Reiss.....Mineola, N. Y.
 Thomas Robert Schultz.....Van Wert
 William David Schwartz.....Golf Manor
 Daniel Neal Shaffer (summa cum laude).....Columbus
 Cynthia Marie Shaw.....Chardon
 Robert Noble Sieffert.....Pittsburgh, Pa.
 Russell Myron Smith.....Cincinnati
 Lawrence James Swan.....Cincinnati
 Thom Augustus Tarquinio (cum laude).....Reynoldsburg
 John Donald Tighe.....University Heights
 Kathleen Louise Tilley.....Columbus
 James Edward Tupa.....Fairview Park
 Robert Gary Van Horn.....Dayton
 William Earl Vanscoy.....Columbus
 Frank Joseph Varga, Jr.....Crestline
 Patricia Ann Washburn.....Columbus

College of The Arts

Dean: O. Lee Rigsby

Bachelor of Fine Arts

(Fourteen candidates)

Nancy Evelyn Deckard (cum laude)	Columbus
Janelle Kress Eubanks	Dayton
Judith Louise Fell	Columbus
Doris Elaine Gardner	Canton
Bruce David Greer	Stow
Joyce Elmore Hebb, B.S. in Elem.Edu. (Davis and Elkins College)	Columbus
Dianne Ruth McIntyre	Cleveland
Gayle Pomeroy Minter	Wilmington, Del.
Mona Sherida Rubin	Toledo
Steven Lynn Smith	Columbus
Karen Toni Stas	Cleveland
Robert Eldon Statz	Euclid
*Naomi Waksberg	Miami, Fla.
Karen Jean White	Coshocton

Bachelor of Music

(Two candidates)

*Connie Tracey Bowman	Orrville
Carol Jeannette Yoh	Van Wert

* Also Bachelor of Science in Education, College of Education

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

(Seven candidates)

F. Owen DeWolfe.....	Hilliard
Roger Allen Myers.....	Tiffin
Richard Alan Nethers.....	North Royalton
Mary Louise Ringle.....	Tiffin
Rochelle Marcia Scheps (cum laude and with Distinction in Journalism)	University Heights
Jeffery William Shaw.....	Columbus
Sarah Jane Terrill.....	Mystic, Conn.

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(Ninety-three candidates)

William Richard Aylard.....	Solon
Lloyd David Baker.....	Marysville
Stanley Anthony Bazan, Jr.....	Hinckley
David Tuite Belda.....	Shaker Heights
Dennis Lloyd Biszantz.....	Bay Village
James Curtis Blecke.....	Toledo
Francis Alan Bolton, III.....	Columbus
Frank George Bozick.....	Adena
John Dillon Brady.....	Columbus
Allen Parnell Brown.....	Hillsboro
Albert Daniel Busack.....	Bellaire
Clifford Eugene Byers.....	New Matamoras
Jack Hale Chapman, Jr.....	Columbus
Bette Keyser Clark.....	Columbus
James Robert Clark.....	Columbus
John Nelson Creech, III.....	Dresden
Rodney Lee Crist.....	Baltimore
Wendell Lee Crosswhite.....	Washington C. H.
Stephen Earl Cunningham.....	Columbus
David Russell Dick.....	Bellefontaine
George Rankin Dilworth.....	Canton
Paul Allen Dixon, Jr.....	Columbus
Marjean Ross Donerkiel.....	Lorain
Frank Elwood Douglas, III.....	South Portland, Me.
Mark P. Elliott.....	Cleveland
John Brooks Ewing.....	Tiffin
Dean Forest Failor.....	Monroeville
Robert William Fried.....	South Euclid
Jeanne Warne Frontz.....	Cambridge
Richard Arthur Gable.....	Cuyahoga Falls
Thomas Edward Gable.....	Cuyahoga Falls
James Rowell Gayley.....	Mannington, W. Va.
Robert Joseph Giacometti.....	Endwell, N. Y.
Stuart Mattis Goldman.....	Shaker Heights
Philip Bernard Greenfield.....	Cleveland Heights
Charles Robert Grimm.....	New Philadelphia
Andrew William Gunn.....	Cleveland
Henry Crist Hamilton, III.....	Marion
Kenneth Eugene Harman.....	Columbus
Ruth Ann Heidenreich.....	Batavia
Theodore William Herrmann (cum laude).....	Portsmouth
Donald Gene Howard.....	Tallmadge
John David Howell.....	Columbus
Richard Alan Ille.....	Cincinnati
Irene Elizabeth Isowa.....	Conneaut
Dennis Mark Jenkins.....	Tallmadge
Robert Daniel Joseph.....	Grove City
Thomas Benton Kesling.....	Dayton
Timothy J. Kinney.....	Columbus
Mark Ira Klein.....	Youngstown

William Eugene Kubin.....	Cleveland
Robert Alan Kumin.....	Cleveland
Philip William Lamneck, Jr.....	Columbus
Thomas Lang.....	Cleveland Heights
Stephen Stuart Logue.....	Lancaster
John Timothy Lugar.....	Toledo
Kenneth Milton Mailender.....	Cincinnati
Thaddeus Howard Malesh, Jr.....	Galion
Danny Nolan Martin.....	Lima
Jack Roger Mawhorr.....	Mansfield
Daniel York McCormick.....	Marion
Thomas Glendon McGowen.....	Youngstown
William Lynn Medland.....	Marysville
William George Mitchell.....	Hilliard
Bradford Charles Morley.....	Fairborn
Leo Robert Namy.....	Warrensville
David Norbert Niemeyer.....	Spencerville
Robert Arthur O'Banion.....	Hilliard
David Charles Pasco.....	Greenfield, Ind.
Robert Ernest Preusse, Jr.....	Akron
Jerry Edward Quirie.....	Sandusky
Jeffrey Lee Reznor.....	Columbus
John William Ridgeway.....	Columbus
Nelson Lee Robbins.....	Worthington
Janice Irene Roberts.....	Dearborn Heights, Mich.
Noel Radcliffe Robinson.....	Columbus
Ronald John Schaefer.....	Toledo
Nancy Carol Shekell.....	Defiance
Gary Houston Shirk.....	Marysville
Michael James Shott.....	Columbus
Cinda Lou Sidle.....	Columbus
Glenn Edward Smith.....	Utica
Sheridan Sharp Steele.....	Columbus
Walter Ray Stephens, III.....	Cleveland
David William Umbs.....	Sebring
Arthur William Walsh.....	Worthington
Gerald Thomas Weaver.....	Chillicothe
Clifford Carpenter Whiting, III.....	Marietta
Stephen Lee Wolf.....	Columbus
Howard Thomas Yost, II.....	Worthington
Robert David Zeisler.....	Youngstown
Donald Edward Zittel.....	Yaphank, N. Y.
Stephen Neal Zwelling.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Twenty-one candidates)

Janice Marie Arps.....	Defiance
Judith Anne Bard.....	Rutherford, N. J.
Barbara Fannie Berkan.....	East Williston, N. Y.
Anita Gayle Brewer.....	Dayton
Marion Ermatinger Buchanan.....	Columbus
Joyce B. Butler.....	Columbus
Patricia Sue Diamond.....	Brooklyn, N. Y.
Joann Marie George.....	Bridgeport

Barbara Nancy Herman.....University Heights
 Sharon Spero Lieberman.....Cleveland Heights
 Ronald Baldrige McNabb.....Columbus
 Mary Ann Metz.....Worthington
 Elaine Norr.....Cleveland Heights
 Mary Ann Reindl.....Mansfield
 Nancy Jo Roth.....Westlake
 Carolyn Louise Schlub.....Springfield
 John Orien Thompson.....Columbus
 Roberta Staigers Walkinshaw.....Cedarville
 Kristin Whitaker.....East Liverpool
 Jeanne Thompson Yates.....Garden City, N. Y.
 Karen Gail Zavell.....Beachwood

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Fifty-six candidates)

Jeffrey Scott Aldrich.....	LaGrange
Andrew George Alfred.....	Lancaster
*Virginia Ann Ashmun (cum laude and with Distinction in Animal Science)	Painesville
Robert Wayne Barnes.....	Huron
John Richard Barth.....	Perry, N. Y.
James Russel Bihl.....	Wheelersburg
Laurence Gene Bowman.....	Fostoria
Loren William Buchwalter.....	Smithville
David Merrill Carter.....	Northup
Charles Joseph Cawley.....	Parkersburg, W. Va.
Armour Frederick Cribbs, Jr.....	Clarksburg, Pa.
Richard Horace Davidson.....	Washington C. H.
Larry Harold Dozier.....	Groveport
John Michael Emerich.....	Oberlin
Lawrence Eugene Eubanks.....	West Alexandria
Richard Lynn Ford.....	Lexington
Albert Edward Gaylord.....	Akron
John Conrad Grunner.....	Middletown
John Warren Hines.....	Columbus
John William Hoch.....	Prospect
William Humbert Jelinek.....	Kirtland
David Linden Kahler.....	Dunkirk
Don Miley Keirns.....	Bloomville
David Allen Kish.....	Solon
Judith Klaer.....	New Albany
Glenous MaryEllen Liebherr.....	Toledo
Thomas Alan Liles.....	Worthington
Terrence Edward Lucht.....	Middlefield
Gary Alton Mathes.....	Mark Center
Robert Dale McMillin.....	Lorain
Kenneth Eugene Mock.....	Columbus
Jack Albert Montgomery.....	Clyde
Roger Willard Nash.....	Alexandria
Roger Christopher Freddy Nicol.....	Marysville
Marvin Louis Overmyer.....	Fremont
Larry Dean Parish.....	Richwood
Robert Henry Parkerson (with Distinction in Entomology and Forestry)	Tipp City
Kenneth Orville Paxton.....	Bellefontaine
William Hervev Payne.....	Worthington
Gerald Lee Powell.....	Ada
Ronald Lee Powell.....	Delaware
James Charles Prueter.....	Akron
Roy Burton Reed.....	San Mateo, Calif.
Daniel Clement Rooney.....	Upper Sandusky
Donald Herbert Schriver.....	Grafton
Susan Brunner Scott.....	Marion
Terrence Ronald Smith.....	Batavia
Erle William Taylor.....	Orient
Jeffrey Overton Thomas.....	Columbus

* Also Master of Science, Graduate School

Peter John Turkenburg.....	Madison
Edward Martin Vollborn.....	Bidwell
Dean Verl White.....	Chillicothe
Samuel Dea Wiford.....	Wapakoneta
Michael Earl Wolf.....	Loveland
William Henry Young.....	Springfield
Wayne Richard Zemke.....	Huron

Bachelor of Science in Dairy Technology (One candidate)
 Gerald Wayne Burkholder..... Republic

Bachelor of Science in Food Technology (One candidate)
 Robert Leslie Harrison (cum laude)..... Worthington

Bachelor of Science in Nutrition (One candidate)
 Norman Larry Faucett..... Cleveland

School of Home Economics

Bachelor of Science in Home Economics (Thirty-five candidates)

Julie Lynn Anderson.....	Columbus
Karen Kay Auten.....	Cincinnati
Kathleen Watkins Barrett.....	Kenton
Patricia Anderson Beck.....	Topsfield, Mass.
Stephanie Ellen Bestwick.....	Westlake
Brenda Ann Bird.....	Columbus
Maria Joanne Cardasis.....	Lorain
Anita Louise Clary.....	Bellbrook
Janet Dee Cole.....	Ravenswood, W. Va.
Nancy Karen Hawkins.....	Chardon
Robin Elizabeth Hecht.....	Dayton
Florence Ann Hegyi.....	Rocky River
Katie Yoder Lovett.....	Bellefontaine
Jane Clare Mahler (cum laude).....	Columbus
Louise Sarah Malbin (cum laude and with Distinction in Home Economics).....	Cleveland Heights
Joyce Newman McDowell (cum laude).....	Seaman
Sally Fisher McEvoy.....	Wapakoneta
Diana Howard McRoberts (summa cum laude).....	Worthington
Linda Christine Micheli.....	Lima
Linda Ellen Mitchell.....	Marion
Carol Stuckey Mount (cum laude).....	Columbus
Janelda Loueen Nichols.....	Lima
Dothal Lynne Robinson.....	Columbus
Norma Knapp Roessler.....	Atwater
Theresa Miriam Schlegel.....	Columbus
Charlotte Krewson Sent.....	Lakewood
Robyn Sue Stall.....	McComb
Linda Lee Stover.....	Lima
Sandra Jean Szelagowski.....	Toledo
Nancy Ann Walcher.....	North Fairfield
Therese Ann Weaver.....	Carey
Anita Quick Wesley.....	Columbus
Mary Elizabeth White.....	Cadiz
Betty Elsass Winger.....	Sidney
Janis Rae Wright.....	Columbus

College of Education

Dean: *Luvern L. Cunningham*

Bachelor of Science in Education

(Two hundred and thirty candidates)

Carol Ann Aaron.....	Shaker Heights
Jack Ronald Abo.....	Paterson, N. J.
Sally Jean Altenburg.....	Dayton
Lawrence Michael Andrzejewski.....	Toledo
Jane Marilyn Angene (summa cum laude).....	Bucyrus
Mary Louise Anthony.....	Columbus
Nancy Ann Armstrong.....	New Carlisle
Bette Debra Aronstein.....	Mt. Vernon, N. Y.
Phyllis Jean Atwell.....	Columbus
Stephanie Kuhl Auten.....	New York, N. Y.
Sandra Azaroff.....	Marion
Carolyn Hagen Baer (cum laude).....	Celina
Robert William Banfiel.....	Lakewood
Lynnette Ellen Barron.....	Columbus
Dennis Arlo Beer.....	Mansfield
Sandra Lynn Bennett.....	Cleves
Thomas Richard Bente.....	Canton
Susan Lynn Berenson.....	Toledo
Mary Ann Berry.....	Highland
Shirley Baleski Betzhold.....	Gahanna
Margaret Ann Birmingham.....	Cleveland
Anne Jane Bittner.....	Worthington
Thomasina Dorothy Bland.....	Dayton
Lanasue Bloom.....	Reesville
Ruth Ellen Blumenfeld.....	Philadelphia, Pa.
Mary Schaefer Bow.....	Payne
*Connie Tracey Bowman.....	Orrville
James Russell Bowman.....	Columbus
Wayne Sheridan Boyer.....	Groveport
Kathleen Alma Brandon.....	Loveland
Claire Louise Brown.....	Atlanta, Ga.
Morris J. Brown.....	Elyria
Charles Curtis Brunotte.....	Urbana
Sheryl Rich Brunswick.....	Mansfield
Suzanne Elaine Case.....	Worthington
Patricia Worrell Cavendish.....	Columbus
Allen Ward Cerasani.....	Rochester, N. Y.
Jonathan Edward Chorpenning.....	Columbus
Christine Grace Cirigliano.....	Elyria
Jill Diane Clark.....	Columbus
Linda Sue Cline.....	Columbus
Marlene Sue Cohn (cum laude).....	Cincinnati
Catherine Elizabeth Coleman.....	Columbus
Donna Beverly Conison.....	Cincinnati
Sally Ann Coppus.....	Fostoria
Dianna Lee Cox (cum laude).....	Warren
Sheila Marie Davis.....	Chillicothe
Michele Frances Del Bane.....	Hubbard
Janet Myers Denune.....	Sunbury

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

Joyce Ellen Diehl.....	Columbus
Deborah Anne Douglas.....	Columbus
Sara Randall Drahn.....	Columbus
Jane Ellen Dyer.....	Bay Village
Robert Clarence Eakin.....	Columbus
Peter James Edwards.....	Brentwood, N. Y.
Janis Carolyn Eitelgeorge.....	Mansfield
Cathy Suzanne Ellis.....	Cleveland
Judith Yazel Ewing.....	Bellefontaine
Tova Rae Feinstein.....	University Heights
Joyce Ellen Finke.....	Columbus
Joan Earle Flowers.....	Ruleville, Miss.
Sarah Brannum Flynn.....	Dayton
Melissa Lee Frank.....	Dayton
Lynne Myers Fraunfelder.....	Lodi
John Paul Galovic.....	Cleveland
Lynda Kay Garber.....	Beach City
*Merryl McWhinney Gate.....	Eaton
Bryan Douglas Gerber.....	Newark
Karen Elayne Gieser.....	Willard
Mary Skirving Goldberg.....	Cincinnati
Rozanne Golston.....	Parkersburg, W. Va.
Joyce Myrna Goodman.....	Pennsauken, N. J.
Linda Kline Gordon.....	Mt. Gilead
Donna Beth Haines.....	Wilmington
Barbara Alice Hall.....	East Liverpool
Virginia Carroll Harper (cum laude).....	Cincinnati
Lelia Mae Harris.....	Cleveland
Peter Clay Harris.....	Fairborn
Kay Frances Hart.....	Tiffin
Paul Duane Hartzler.....	West Liberty
Lonnie Kay Harvey.....	Rushsylvania
Linda Kay Heffley.....	Columbus
Judith Zimmerman Heiber.....	University Heights
Jon Jeffrey Heuss.....	Columbus
Nancy Ruth Hewitt.....	Niles
Thomas Earl Hickman, B.A.....	Columbus
Norma Lee Hilbert.....	St. Albans, W. Va.
Daniel Alan Hill.....	Chillicothe
Pamela Anne Hill.....	Canton
Richard Dean Himes.....	Canton
Mary Ellen Hoadley.....	Columbus
Valerie Williams Hoch.....	Columbus
Kathryn Ann Hogya.....	Fairport Harbor
Robert Allen Holmes.....	Girard
Richard Terrence Johnston.....	Toledo
Marianne Doerschlag Kaitsa.....	Delaware
Debra Lynn Kalmbach.....	Sylvania
Karen Helene Kaz.....	Evanston, Ill.
Constance Gordon Kean.....	Hillsboro
Robert William Kendall.....	Worthington
Donald Duane Kerr.....	Jeromesville
Joan Furnis Kerr.....	Worthington
James Fredrick Keyhoe.....	Beverly
Robert MacLean King.....	Columbus

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

Larry Lee Kleinhenz, B.F.A.	Dayton
Kristine Sue Knudsen	Minerva
Francine Marie Koneval	Maple Heights
Suzanne Patricia Kosofsky	Southfield, Mich.
David Alan Krol, B.Sc.	Cleveland
Shirley Anne Kronenberger	Columbus
Jessica Jo Lahr	Dover
Patricia Lang	Chevy Chase, Md.
Karen Kay Lanman	Pataskala
Antoinette St. Jean LaVelle	Columbus
Colin Thomas Lawlis	Ashland
Andrea Murl Leach	Glencoe, Ill.
Shirley Dale Leggett	Hilliard
Judith Diane Levine	New York, N. Y.
Susanne Christine Lewis	Mentor
*Coralie Elizabeth Liggett	Georgetown
James Robert Long	Bucyrus
Ronald Stuart Long	Prospect
Mary Ann Reineck Longwell	Norwalk
Clementina Rittenhouse Mackenzie	Hudson
Marsha Jane Martinelli	New Philadelphia
Virginia Reese Marusa	Barberton
Melinda Ellen Mason	Toledo
Cynthia Lyn Mayer	Mobile, Ala.
Jerry Lee McAfee	Logan
Gertrude Van Arsdale McCoy	Columbus
Jack Norman McLane	Columbus
Donna Shields McNair	Newark
Nancy Jean McNeal	Xenia
Nancy Laney Meeker	Columbus
Michael Thomas Melhorn	Quincy
George Michael Merrick, B.A.	Steubenville
Richard Scott Metz	Columbus
Jule Ann Meyer	Wauseon
Hillary Ann Miller	Providence, R. I.
Raejean Hankinson Miller	Endicott, N. Y.
Robert Wesley Miller	Ashland
Darrell Anthony Montonaro	Columbus
Lynda Kathleen Morris	Marysville
Lenore Candice Muko	Elyria
Kathryn Smurthwaite Mullin	Columbus
Melva Elizabeth Murray	Columbus
Cheryl Faye Myers	Newark
Patricia Jeffers Neel	Columbus
Meryl Roberta Neufeld	Great Neck, N. Y.
Frances Rowlands Newell	Columbus
Gail Joy Nidetz	Chicago, Ill.
Eric Lee Nungesser	Galion
Carol Spencer O'Banion	Columbus
Sally Ruth Oddi	Columbus
Molly Vivian O'Donnell	Columbus
Donald John Partsch	Columbus
Betty Lynne Pearce	Columbus
Paul Franklin Petru, II	Columbus
Leonard Weldon Plants	Worthington

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

Lynne Beth Platovsky.....	Elmont, N. Y.
Billy Joe Poling.....	Columbus
Robert Joseph Pond.....	Lynchburg
Theodore Richard Pope, B.Sc.....	Delaware
Diane Foster Ray, B.Sc.....	Columbus
Janice Dahlke Reed.....	Cridersville
Jennifer Johnson Reusser.....	Orrville
Linda Kay Rhoads.....	Columbus
Gayle Patricia Richardson.....	Edina, Minn.
Karen Hobbs Riedman (summa cum laude).....	Columbus
Cathie Rieth.....	Cincinnati
Nancy Bate Rigby.....	Newton Falls
Donald Roger Riley.....	Worthington
Victor Roessler, Jr.....	Columbus
Roberta Daulton Rollins.....	Delaware
Diane Louise Rothman.....	Yardley, Pa.
Margaret Jane Ruck (cum laude).....	Lancaster
Terry William Ruggles.....	Cuyahoga Falls
Mary Frances Sabot.....	Beaumont, Tex.
Ellen Garvin Samson.....	Norristown
Marjorie Lois Archibald Sauma.....	Granville
Taye Nadine Schillinger.....	Chillicothe
Kathryn Marie Schmidt.....	Newark
Sandra Collins Schmidt.....	Pensacola, Fla.
Christine Agnes Schmitt.....	Columbus
Jean Lynette Schneider.....	Warren
Marcia Albert Schonberg.....	Canton
Janet Doreen Schutte.....	Mason
Nelle Lawson Shearer.....	Columbus
Judith Anne Sidner.....	Genoa
Joan Harper Smalley.....	Akron
Diann Marie Smedley (cum laude).....	Amherst
Dale James Smith.....	Cleveland
Linda Sue Smith.....	Ripley
Jean Lynn Soike.....	Trotwood
Susan Ellen Sommer.....	East Norwich, N. Y.
Elizabeth Anne Spangler.....	Columbus
Kenneth Allyn Sprang.....	Columbus
Viera Leng Sprang.....	Parma
Charles Edward Stack.....	Columbus
Janet Kaye Stevens.....	Columbus
Stephan Wallace Stover.....	Columbus
Sandra Erkis Summer.....	Columbus
Karole Chappelle Swain.....	Zanesville
Ralph Michael Swain.....	Zanesville
Christina Wall Swank.....	Loudonville
Mary Jane Takach.....	Dillonvale
Rosemary Wall Taylor.....	Richwood
Sandra Ann Tessier.....	Columbus
Linda Lee Testerman.....	Lebanon
Lauren Diane Tidd.....	Lancaster
Cheryl Watson Turner.....	Germantown
Nancy Pamela Veres.....	Cleveland
Janet Larue Wagner.....	Columbus
*Naomi Waksberg.....	Miami, Fla.

* Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

Lenore Louise Waldron.....Taunton, Mass.
 Lola Kay Waldruff.....Shelby
 Janet Sellman Warner.....New Lebanon
 Alfonzo Garrett Washington.....Columbus
 Elizabeth Watson.....Newcomerstown
 Thomas Lee Wehmann.....Cincinnati
 Elaine Ethel Welsh.....Columbus
 Karen Alexander Wilkens (summa cum laude).....North Vernon, Ind.
 Suzanne Brown Williams.....Worthington
 Joseph Marion Winski, B.Sc. in Bus.Adm.....Dillonvale
 Dorothy Ellen Woods.....Niagara Falls, N. Y.
 Donald Edward Wray.....Columbus
 Carol Ann Yackey.....Dover
 Rose Russo Yonka.....Conneaut
 Rosene Maxwell Zaros (cum laude).....Columbus
 Karen Ann Zimmer.....Dublin

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering (Two candidates)

*Richard Thomas Frank..... Louisville
*John Charles Kovach..... Euclid

Bachelor of Ceramic Engineering (Two candidates)

Clyde Eugene McMurray, B.S. (Harding College)..... Columbus
*Robert Ashley Perkins..... Cincinnati

Bachelor of Chemical Engineering (Two candidates)

Scott McComb Barrick..... Alliance
James Louis Braun..... Cincinnati

Bachelor of Civil Engineering (Seven candidates)

John David Common, B.A. (DePauw University)..... Kettering
John Robert Long..... Hilliard
Richard Eugene Miller..... Warren
William Raymond Paynter..... Zanesville
James Simon Ridgeway, B.Sc..... Columbus
Lewis Alfred Smith..... Marion
James Robert Ward..... Salem

Bachelor of Electrical Engineering (Eleven candidates)

Thomas Alvin Axx..... Elyria
John Daniel Borrows (cum laude)..... Columbus
Harold Loyd Cousino..... Toledo
Rodney Allan Fisher..... Loveland
*Thomas Charles Hartrum..... Cambridge
Gary Anthony Krejci..... Independence
*Robert Edmond Kuseski..... Pataskala
Douglas Alan Marsh..... Springfield
Mohamed Ghas Massarani..... Homs, Syria
John Harold Meincer, Jr., B.A..... Toledo
Larry Dale Schavey..... Wooster

Bachelor of Industrial Engineering (Ten candidates)

William Allan Azok..... Lorain
Ronald Larry Dowell..... Orrville
Kenneth Robert Gebhart..... Columbus
James Douglas Henderson..... St. Clairsville
Richard William Henning (cum laude)..... Gahanna
Gary Richard Hoffman..... Chillicothe
William Eugene Lust..... Columbus
Roger Allen Mackender..... Shadyside
Michael Gordon McSweeney..... Columbus
David William Ramsey..... Columbus

* Also Master of Science, Graduate School

Bachelor of Mechanical Engineering

(Six candidates)

Roger Glen Green.....Watertown
 Roger Alan Marsh.....Pittsburgh, Pa.
 Bernard James Riley, Jr.....Whitehall, N. Y.
 Kenneth Tatar Small.....South Euclid
 Grosvenor Cook Story, III (summa cum laude).....Lowell
 *John David Yoxtheimer.....Warren

Bachelor of Science in Mechanical Engineering

(Fourteen candidates)

Warren Paul Baas.....Cincinnati
 Andrew Stephen Bogus.....Broadview Heights
 Richard Dearlo Brown.....Columbus
 Bradley George Buchholz.....**Kettering**
 Thomas William Cook.....Dayton
 Daniel Edward French.....Reynoldsburg
 David Michael Haas.....**Bainbridge**
 Terry Joe Hanna.....Alliance
 Edward Earl Lockwood.....Zanesfield
 Allen Lee Lutz.....Shelby
 John Russell Null.....Sandusky
 John Robert Parker.....Columbus
 Ronald James Stecklow.....Cleveland
 Timothy Arlan Yoder.....Massillon

Bachelor of Metallurgical Engineering

(Two candidates)

Ahmad Reza Eftekhari.....Teheran, Iran
 David William Ryall.....Cincinnati

School of Architecture

Bachelor of Landscape Architecture

(One candidate)

Donald Gordon Olson.....Columbus

* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Two candidates)

Thomas Joseph Pajk.....Willowick
Susan Jane Rumble.....Columbus

Bachelor of Science in Occupational Therapy

(Five candidates)

Ann Marie Boyle.....East Cleveland
LaDonna Nevlng Darnell.....Painesville
Nancy Ann Horrigan.....Parma Heights
Joanne Greene Saphire.....University Heights
Patricia Brennan Swan.....Chagrin Falls

Certificate of Nurse Anesthetist

(One candidate)

Mary Ann Mahek.....Crestline

School of Nursing

Bachelor of Science in Nursing

(Nine candidates)

Charlotte Cordial.....Delaware
Rosamond Elizabeth Haught (summa cum laude).....Mingo Junction
Onnie Susan Moseley.....Akron
Alice Ann Mural.....Parma
Ramona Lee Ratcliff.....Chillicothe
Andrea Lea Schmidt.....University Heights
Marilyn Ann Schwertner.....South Euclid
Mary Ann Seeman.....Akron
Melinda Jane Strohl.....Springfield

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

Columbus, Ohio, April 10, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, April 10, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker and John H. Dunlap.

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Minutes of the last meeting were approved.

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April 10, 1969 meeting, Board of Trustees

Mr. Bricker, Chairman of the Board, expressed regret at President Fawcett's current illness which prevented him from being present at the meeting. He suggested that the Secretary drop the President a note expressing this regret and the hope that he will soon be recovered and able to return to his duties.

In President Fawcett's absence, Vice President Corbally asked Jay Shaffer, student body President, to introduce the newly elected officers of the undergraduate student government. Mr. Shaffer presented Timothy J. Sheeran and W. Bruce Achenbach, President and Vice President, respectively. He also introduced the retiring Vice President, Crofford J. Macklin, Jr.

Vice President Corbally presented the following recommendations to the Board of Trustees:

I. GENERAL RECOMMENDATIONS

A. Naming of Buildings

Upon the recommendation of the President's Cabinet, it was proposed that the three campus buildings listed below be named as follows:

1. That the building located at 128 North Oval Drive, known as the Fine Arts Building, be named the James R. Hopkins Fine Arts Center.
2. That the Humanities Center - Foreign Languages Building, currently under construction at 1841 Service Building Road, be named The Dieter Cunz Hall of Languages.
3. That the Student Health Facility, currently under construction at 1875 Service Building Road, be named the John W. Wilce Student Health Center.

These proposals are in accordance with the By-Laws of the Board of Trustees. Vice President Corbally recommended that said proposal be approved.

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

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Arthur Young Professorship of Accounting

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, Vice President Corbally recommended that the "Arthur Young Professorship of Accounting" be established at The Ohio State University.

The fifteen partners of Arthur Young & Company, Santa Ana, California, who are alumni of The Ohio State University wish to establish the Arthur Young Professorship of Accounting in recognition of this University's contribution to the profession of accounting through its many graduates who have attained national recognition in public accounting and accounting education. The person selected to serve as the Arthur Young Professor should be nationally known in accounting education.

A sum of \$150,000.00 will be provided to the University endowment trust funds to provide the income of \$7,500.00 annually to support this professorship. If this endowment principal does not provide the necessary \$7,500.00 in annual income, the donors will make such supplemental contributions for a five-year period as are required to bring the annual amount to that level.

A nationwide search is to be initiated immediately so that an outstanding person may be appointed to this professorship. If the position has not been filled, however, by September 30, 1971, the donors reserve the right to withdraw the guarantee of five annual payments of \$7,500.00 each and to stipulate that all income from the endowment will be used for such other purposes as they choose, provided that it is mutually agreed that such use is of benefit to the University.

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

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. New Section to Rules for the University Faculty--
55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08

The Faculty Council on March 11, 1969, approved a new section entitled "Open Housing," upon the recommendation of the Committee on Rules to be added to the Rules for the University Faculty. (See Appendix VI, page 531.) These rules (1) establish the policy within the concept of the parietal rule that students shall live only in housing which is available to all students on equal terms without regard to race, religion, color or national origin and (2) provide the necessary bodies, procedures, due process and sanctions for its operation and enforcement.

Vice President Corbally recommended that the said action of the Faculty Council be approved.

Mr. Bricker called for a motion. In the absence of a motion, he expressed appreciation to the student organizations and groups who have devoted a tremendous amount of time in preparing this resolution for their sincerity of purpose. He indicated that the Board had a letter from the Assistant Attorney General as to the legality of this proposal, but that the letter did not discuss the specific items which are presented in the resolution. Since these proposed rules enter a new field which is very complex and complicated and in which enforcement of the proposed rules presents serious problems, the legality and constitutionality should be checked very thoroughly before taking final action. He apologized for not having been able to spend more time reading cases and running down the law on this subject during the past month. He stated "In my judgment we ought to have a definite opinion from the Attorney General. The letter that we have is not such as to the power of this Board to enact a rule effective off the campus such as this will be, regardless of the desirability of it and the desire of members of the Board to vote on it at this time." He pointed out that only six members of the Board were present and that the President was not present. He further stated that "There will be a change next month of three members of the Board and they are the ones that will have to live with these proposed rules and enforce them." He requested the Secretary of the Board to make application to the Attorney General for a formal opinion as to the legality of the proposed rules. He requested and received from the Trustees present general agreement with his position. Mr. Bricker then asked that the President be advised that there was no opposition expressed to the proposal but that the Board simply wanted to take every necessary legal step before a vote is taken.

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. New Section to Rules for the University Faculty--
55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08 (continued)

Dr. Corbally stated "It is my understanding that Mr. Mount in an earlier procedure had sought and received an informal opinion from the Office of the Attorney General and that we would now ask for a formal opinion."

Mr. Bricker responded "We had a letter without any details or any discussion of any of the details or the legal questions that are actually involved in those details. I do appreciate the attitude of the Board."

Mr. Jones stated "Mr. Chairman, I suggest that you approve the questions that are presented to the Attorney General before they are sent."

Mr. Bricker said "If they are submitted to me I would be happy to do so, but I would not want this matter delayed very long. I am quite sure we can obtain an opinion within the next month."

D. Extension of Beverage Policy Approved
at July 11, 1968 Meeting

In accordance with the recommendation to and the action of the Board of Trustees at its July 11, 1968 meeting concerning establishing a policy for the serving of beverages within its jurisdiction, Vice President Corbally recommended that appropriate extension of this policy be made to the Center for Tomorrow which will contain our continuing education programs and to the golf course facility as it was applied to the Faculty Club and Ohio Union respectively.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the Board of Trustees by a roll call vote of five to one with Messrs. Bricker, Ketterer, Jones, Shocknessy and Dunlap voting affirmatively and Mr. Hilliker voting negatively, approved the stated extension of the beverage policy.

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II. PERSONNEL CHANGES

Vice President Corbally recommended that all personnel changes since the March 13, 1969 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointment, Leaves of Absence With Salary and Leaves of Absence Without Salary:

April 10, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointment

Gordon L. Nelson, Professor in and Chairman of the Department of Agricultural Engineering (part time - 50 percent) and Professor in the Cooperative Extension Service (part time - 15 percent), effective July 1, 1969, at a combined salary of \$17,952.00 per annum. Dr. Nelson will hold an appointment at the Ohio Agricultural Research and Development Center for 35 percent of full time.

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:

John W. Oren, Jr., Instructor (County Extension Agent, Agriculture), effective April 1, 1969 through June 15, 1969, to participate in a program of professional improvement at The Ohio State University.

Edwin E. Zorn, Instructor (County Extension Agent, Agriculture), effective April 1, 1969 through June 15, 1969, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Eugene Ching, Associate Professor, Division of East Asian Languages and Literatures, effective April 1, 1969 through June 30, 1969, to do research.

Raphael D. Levine, Associate Professor, Department of Chemistry, effective January 1, 1969 through June 30, 1969, to serve as a Visiting Professor at Hebrew University, Jerusalem.

Jerry R. Ehman, Assistant Professor, Department of Electrical Engineering, effective April 1, 1969 through June 30, 1969, to devote full time to completion of dissertation.

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

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April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

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 Corbally 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

- a1. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi-Phase Ternary Systems (to be known as Aeronautical Systems Division Project No. 2193 - Sup. #5 - Department of Metallurgical Engineering).
Gross Value - \$29,997.00.
- a2. Department of Army, U. S. Army Research Office - Durham, Durham, North Carolina, Luminescent Material Preparation and Spectroscopy (to be known as U. S. Army Research Office - Durham Project No. 2419 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$19,800.00.
- a3. U. S. Army Research Office - Durham, Durham, North Carolina, Investigation of Boundary Layer Control on Airfoils at and Above the Critical Mach Number (to be known as U. S. Army Research Office - Durham Project No. 2426 - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.
- a4. Atomic Energy Commission, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as Atomic Energy Commission Project No. 2560-A - Sup. #1 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$1,200.00.
- a5. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Development of Diagnostic Techniques for Reacting Gas Flows (to be known as Aeronautical Systems Division Project No. 2751 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$50,900.00.

April 10, 1969 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)

- a6. Department of Health, Education and Welfare, National Air Pollution Control Administration, Durham, North Carolina, Development and Presentation of Course Entitled "Contract Orientation for Project Officers" (to be known as National Air Pollution Control Administration Project No. 2778 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$3,630.00.
- a7. Rome Air Development Center, Griffiss Air Force Base, New York, Measurement and Analysis of Spectral Signatures (to be known as Rome Air Development Center Project No. 2784 - New - Department of Electrical Engineering).
Gross Value - \$99,062.00.
- a8. U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Washington, D. C., The Age Determination of Calves Used for Meat Production (to be known as U. S. Department of Agriculture Project No. 2790 - New - Department of Veterinary Anatomy).
Gross Value - \$1,997.00.

TOTAL - Government Research Contracts - Federal \$236,586.00

2. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. 587848 and 601925 - Department of Surgery).
Gross Value - \$1,603.19.
- a2. Reaction Dynamics, Inc., Chicago, Illinois, Transonic Auto Tests (to be known as Reaction Dynamics, Inc., Project No. 2764 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$1,240.00.
- a3. Columbus Area Chamber of Commerce, Columbus, Ohio, Development of a Columbus General Business Index, 1950-1968 (to be known as Columbus Area Chamber of Commerce Project No. 2783 - New - College of Administrative Science, Division of Research).
Gross Value - \$1,984.00.

TOTAL - Industrial and Other Research Contracts \$4,827.19

April 10, 1969 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

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-J - Ext. #10 - Department of Physiology).
Gross Value - \$12,918.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Dental Research, Bethesda, Maryland, Varied Posterior Occlusions in Denture Patients (to be known as National Institutes of Health Project No. 907-I - Ext. #9 - College of Dentistry).
Gross Value - \$10,289.00.
- a3. 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 National Institutes of Health Project No. 1640-E - Sup. #1 - Department of Chemistry).
Gross Value - \$450.00.
- a4. 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 National Institutes of Health Project No. 1820-E - Ext. #5 - Department of Chemistry).
Gross Value - \$52,786.00.
- a5. 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 National Institutes of Health Project No. 1823-C - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$24,406.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Coordination of Phosphine Sulfides and Selenides (to be known as National Institutes of Health Project No. 2171-B - Sup. #1 - Department of Chemistry).
Gross Value - \$5,400.00.

April 10, 1969 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)

- a7. National Aeronautics and Space Administration, Washington, D. C., Stress Corrosion Cracking of Titanium Alloys (to be known as National Aeronautics and Space Administration Project No. 2267 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$26,116.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in Vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-B - Sup. #1 - Department of Medical Microbiology).
Gross Value - \$1,492.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Mass Spectral Studies of Chlorin Biogenesis (to be known as National Institutes of Health Project No. 2402-B - Ext. #2 - Department of Chemistry).
Gross Value - \$16,016.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Investigations on Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529-B - Ext. #2 - Department of Medicine).
Gross Value - \$21,296.00.
- a11. 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 National Aeronautics and Space Administration Project No. 2601 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Gastrin in Normal and Abnormal Acid Secretion (to be known as National Institutes of Health Project No. 2606-A - Ext. #1 - Department of Surgery).
Gross Value - \$14,150.00.

April 10, 1969 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)

- a13. 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 National Institutes of Health Project No. 2762 - New - Department of Veterinary Pathology).
Gross Value - \$56,022.00.
- a14. 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 National Institutes of Health Project No. 2782 - New - Department of Veterinary Surgery and Radiology).
Gross Value - \$11,353.00.
- a15. U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases (to be known as Air Force Office of Scientific Research Project No. 2785 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,965.00.
- a16. 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 National Institutes of Health Project No. 2791 - New - College of Pharmacy).
Gross Value - \$17,932.00.

TOTAL - Government Research Grants - Federal \$320,591.00

4. Industrial and Other Research Grants

- a1. Allegheny Foundation, Pittsburgh, Pennsylvania, Clinicopathologic and Genetic Investigations of Primary Canine Glaucoma in the Basset - A Study in Comparative Ophthalmology (to be known as Allegheny Foundation Project No. 2779 - New - Department of Veterinary Pathology).
Gross Value - \$150,000.00.
- a2. American Cancer Society, Inc., New York, New York, Cancer Research (to be known as American Cancer Society, Inc., Project No. 2786 - New - Department of Surgery).
Gross Value - \$35,000.00.

April 10, 1969 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)

- a3. United Health Foundation, New York, New York, A Histo-chemical Study of Chromosomal Aberrations: Sex-linked and Non-sex-linked Enzyme Systems (to be known as United Health Foundation Project No. 2787 - New - Department of Anatomy). Gross Value - \$6,712.00.
- a4. Portage County Branch, Akron District Heart Association, Akron, Ohio, The Effect of Periarterial Neurectomy of the Hepatic Artery on Hepatic Blood Flow After Partial Hepatectomy (to be known as Akron District Heart Association Project No. 2788 - New - Department of Surgery). Gross Value - \$7,077.00.
- a5. American Otological Society, St. Louis, Missouri, The Morphology and Mineralization of Ostosclerosis - A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as American Otological Society Project No. 2789 - New - Department of Otolaryngology). Gross Value - \$10,010.00.

TOTAL - Industrial and Other Research Grants \$208,799.00

The foregoing thirty-two contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$770,803.19.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, 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

During the period from February 27, 1969 through March 25, 1969, 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

- W 124 Coagulation of Clays with Hydrolyzing Metals, U. S. Department of Interior, Washington, D. C. 20240. Gross Value - \$29,200.00.

April 10, 1969 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)

- W 125 The Origin and Development of Microcystis, Anabaena and
Aphanizomenon Blooms in Western Lake Erie, U. S.
Department of Interior, Washington, D. C. 20240.
Gross Value - \$13,000.00.
- W 126 Chemical and Sediment Movement from Agricultural Land
Into Lake Erie, U. S. Department of Interior, Washington,
D. C. 20240.
Gross Value - \$32,235.00.
- EES 311X Effect of Signal Spacing on Platoon Dispersion, Ohio
Ext. #4 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$16,500.00.
- EES 308X Reflectance Characteristics of Pavement Surfaces, Ohio
Ext. #3 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$24,360.00.
- EES 299X A Study of Highway Research Needs and Resources, Ohio
Ext. #4 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$28,800.00.

TOTAL - Government Research Contracts \$144,095.00

2. Industrial Research Contract

- SC 78 OCD Architects and Engineers Professional Development
Courses, Spring, 1969, National Society of Professional
Engineers, Washington, D. C. 20006.
Gross Value - \$7,295.00.

The foregoing seven contracts for research in the Engineering Experiment
Station represent a gross income of \$151,390.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received
since March 13, 1969, and were reported for the record. Appropriate
expressions of appreciation have been conveyed to the donors.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$432, 140.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1969 National Science Foundation Graduate Traineeship Program. This grant provides support for seventy-eight Graduate Traineeships for a period of nine or twelve months, beginning in the fall of 1969 and for fifteen Summer Traineeships for Graduate Teaching Assistants during the summer of 1969. (GZ-1288)
2. \$340, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1004-04)
3. \$327, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Dentistry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1106-04)
4. \$120, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Optometry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1165-04)
5. \$116, 996.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "A Program to Provide Dental Care for the Homebound, Chronically Ill and/or Handicapped in Columbus and Franklin County," under the direction of the College of Dentistry, for the period April 1, 1969 through March 31, 1970. (Grant No. 53009-01-69)
6. \$67, 037.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 GM01417-05)
7. \$30, 000.00 granted by U. S. Atomic Energy Commission, Washington, D. C., to the University for a traineeship program for graduate students in nuclear engineering. [Contract No. AT-(40-1)-3892]

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$26,597.00 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, 1969 through February 28, 1970. (Grant No. 5 T02 HE05035-16)
9. \$25,490.00 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, 1969 through June 30, 1970. (Grant No. 2 K03 GM21946-06)
10. \$22,466.00 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, 1969 through June 30, 1970. (Grant No. 5 T12 CA08129-03)
11. \$16,494.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," (Health Center Library), under the direction of the University Libraries, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 G01 LM00190-03)
12. \$12,000.00 granted by United States Atomic Energy Commission, Washington, D. C., to the University for the purchase of equipment to be used in the educational program under the direction of the Department of Mechanical Engineering (Nuclear Division). (Grant No. NSE 33-69)
13. \$4,540.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," (Veterinary Medicine), under the direction of the University Libraries, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 G01 LM00187-03)

TOTAL - Administered Through the Office of Business and Finance
\$1,542,260.00

B. Received Through The Ohio State University Development Fund

1. \$11,750.00 from The Dispatch Printing Company for the School of Journalism.
2. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Mrs. Marie R. Bremer), for the Bremer Foundation Fund.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$10,000.00 from the Sayre Charitable Fund of the Columbus Foundation, Columbus, Ohio, (In the name of Harrison M. Sayre), for the Presidents Club Special Fund.
4. \$10,000.00 from the Schering Corporation, Union, New Jersey, for the Self-Medication Study Fund in the College of Pharmacy.
5. \$9,000.00 from the Alfred P. Sloan Foundation, New York, New York, for the Sloan Foundation Scholarship Fund.
6. \$6,500.00 from Basic, Incorporated, Bettsville, Ohio, for the Basic Ceramic Engineering Fellowship Fund in the Department of Ceramic Engineering.
7. \$6,300.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund in the College of Pharmacy.
8. \$5,000.00 from the Owens-Corning Fiberglas Corporation, Newark, Ohio, for the Owens-Corning Fiberglas Ceramic Mineralogy Fund in the Department of Mineralogy.
9. \$4,700.00 from the Minnesota Mining & Manufacturing Company-- \$3,500.00 for the 3M Fellowship in Ceramic Engineering and \$1,200.00 for the 3M Scholarship in the College of Engineering.
10. \$4,611.50 from the A. A. A. A. Educational Foundation, Inc., for the A. A. A. A. Educational Foundation Research Fund.
11. \$4,085.00 from the Gulf Oil Foundation for the Gulf Oil Corporation Graduate Fellowship Fund.
12. \$3,610.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
13. \$2,607.56 from the National Fund for Graduate Nursing Education, New York, New York, for the Graduate Nursing Education Fund.
14. \$2,400.00 from the Ohio Turfgrass Foundation, Columbus, Ohio, for the Ohio Turfgrass Scholarship Fund.
15. \$1,181.81 from Lawrence D. Stanley for the establishment of the Lawrence D. Stanley Fund for College of Law.

Lawrence D. Stanley Fund for College of Law

The Lawrence D. Stanley Fund for College of Law was established April 10, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. Lawrence D. Stanley, B. A. '27, Columbus, Ohio.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. Lawrence D. Stanley Fund for College of Law (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 income is to be used for the benefit of the College of Law as determined by the Dean of said College.

In the event the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct use of this income for purposes within the field of Law, as recommended by the appropriate administrative official of the University who is then directly responsible for legal education.

16. \$1,080.00 from Dr. Edwin Sharp Burdell, Maitland, Florida, for the Edwin Sharp Burdell Memorial Fund.

17. \$1,000.00 from Herbert H. Schiff for the Shoe Corporation of America Student Loan Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$93,825.87

C. Gift-in-Kind

1. Arc welding equipment from Lincoln Electric Company for the Department of Welding Engineering.

D. Establishment of New Fund from Previously Reported Gift

Mary W. and Frank E. Pomerene Memorial Fund

The Mary W. and Frank E. Pomerene Memorial Fund was established April 10, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University from the Estate of Mary W. Pomerene, in memory of her husband, Frank E. Pomerene, B. Ph. '91; LL. B. '95, formerly of Coshocton, 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 for medical research, under the direction of the Dean of the College of Medicine, in the fields of prevention and treatment of infectious diseases. The principal may be invaded, if necessary, for these uses.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of New Fund from Previously Reported Gift (continued)

Mary W. and Frank E. Pomerene Memorial Fund (continued)

Should these needs 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

E. Funds Received for Royalties Account

\$26,656.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967, meeting of the Board.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the acceptance of the foregoing grants, gifts, and royalties, and the establishment of the above-specified funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

F. Report from The Ohio State University Development Fund

In February, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	363	\$ 15,792.96
Individuals other than alumni	104	78,542.75
Nonprofit organizations	38	57,908.06
Business concerns	<u>16</u>	<u>29,416.72</u>
	521	\$181,660.49

Of these gifts, 220 totaling \$2,598.43 were undesignated and 301 totaling \$179,062.06 were designated.

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V. PLANS AND SPECIFICATIONS

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

April 10, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Comparative Medical Teaching and Research Facility

This new building will replace the temporary Veterinary Hospital on Kenny Road and will provide expanded facilities for research and instruction programs in the College of Veterinary Medicine.

Funds for this project have been provided from S. B. 370, H. B. 202, H. B. 886 and Public Health Service Grants.

B. University College - Building No. 3

This building is a Branch Library for University College, providing bookstacks, student study stations, group study and reading rooms, offices and work areas.

Funds for this project have been provided from H. B. 949, an allocation from the Board of Regents and a Title I Federal Grant.

C. Underground Duct System - Twelfth Avenue

This project involves the installation of underground ducts and manholes to extend and connect the campus duct system to the existing system at 12th Avenue to allow for future alterations and expansion of electrical systems.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

D. Garage and Laundry Building, Alteration of South Portion

This project will provide remodeling of the former Laundry space in the former Garage and Laundry Building to house the Division of Dance and staff offices and storage space for The Current Digest of the Soviet Press.

Funds for this project have been provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

E. University School Building Renovation

This project involves limited remodeling of this building to convert certain classrooms to office space for the College of Education.

Funds for this project have been provided by a transfer from Budget Account 179999 (University Treasurer General Fund) to Budget Account 801140 (University School Remodeling).

April 10, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

F. Jones Graduate Tower Swimming Pool

At the time the University Architect originally designed the Jones Tower, a swimming pool was included in the project for the use of the residents to provide needed recreational facilities.

In an effort to provide the new Vice President for Student Affairs ample opportunity to consider all phases of his responsibility, the project was held in abeyance until such time as he could consult with graduate students. The consultations have been held and it has now been decided to proceed.

Funds for this project have been provided from Budget Account 801080 (Graduate Swimming Pool).

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

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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. Laboratory Animal Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 3-14-69)		
Payt Construction Company (Columbus, Ohio)		
Base Bid	\$ 767,490.00	\$ 804,000.00
Alt. G-1 Epoxy Finish in Lieu of Enamel	3,390.00	7,500.00
Alt. G-3 Enclose Docks, Buildings 3 and 4	5,000.00	6,500.00
Total Contract	<u>\$ 775,880.00</u>	<u>\$ 818,000.00</u>
<u>Plumbing Contract</u>		
(7 bids received 3-6-69)		
Montoney Heating & Piping Company (Grove City, Ohio)		
Base Bid	\$ 307,000.00	\$ 316,315.00
Alt. P-1 Copper Water Line in Building	No change	3,120.00
Total Contract	<u>\$ 307,000.00</u>	<u>\$ 319,435.00</u>

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Laboratory Animal Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Air Conditioning Contract</u>		
(6 bids received 3-6-69)		
Limbach Company (Columbus, Ohio)		
Base Bid	\$ 178,700.00	\$ 178,847.00
<u>Electrical Contract</u>		
(4 bids received 3-6-69)		
Claggett Electric Company		
(Columbus, Ohio)		
Base Bid	\$ 126,400.00	\$ 158,735.00
<u>Equipment Contract</u>		
(6 bids received 3-6-69)		
NII Laboratory Furniture		
(Hicksville, New York)		
Base Bid	\$ 16,918.00	\$ 24,037.00
<u>Total All Contracts</u>	<u>\$1,404,898.00</u>	<u>\$1,499,054.00</u>

Funds for this project have been provided from Budget Account 179997 (University Treasurer Research), Budget Account 179999 (University Treasurer General Fund), Budget Account 226396 (Mershon Unrestricted), Budget Account 809998 (Hospital), Budget Account 149993 (Plant Funds Reserve) and a Public Health Service Grant.

B. Remodeling of Tuberculosis Hospital (Means Hall)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 2-14-69)		
Balco, Inc. (Worthington, Ohio)		
Base Bid	\$ 126,800.00	\$ 178,615.00
Alt. G-1 Additional Wall Tile	1,200.00	4,500.00
Alt. G-2 Additional Wall Tile	3,300.00	7,750.00
Alt. G-3 Additional Acoustical Flooring	6,450.00	10,000.00
Alt. G-4 Additional Acoustical Flooring	7,425.00	12,000.00
Alt. G-5 Prefinished Wood Doors	2,950.00	3,400.00
Alt. G-6 Corridor CW Bumper Rail	2,200.00	1,500.00
Alt. G-7 General Work for Alt. H and AC-1	950.00	570.00
Alt. G-8 General Work for Alt. H and AC-2	700.00	450.00
Total Contract	<u>\$ 151,975.00</u>	<u>\$ 218,785.00</u>

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Remodeling of Tuberculosis Hospital (Means Hall) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 3-20-69)		
Bruner Corporation (Columbus, Ohio)		
Base Bid	\$ 30,600.00	\$ 45,500.00
<u>Heating and Air Conditioning Contract</u>		
(3 bids received 3-20-69)		
Bruner Corporation (Columbus, Ohio)		
Base Bid	\$ 3,445.00	\$ 8,500.00
Alt. H and AC - 1 Air Conditioning, Designated Rooms	18,943.00	19,000.00
Alt. H and AC - 2 Air Conditioning, Designated Rooms	15,908.00	15,000.00
Total Contract	<u>\$ 38,296.00</u>	<u>\$ 42,500.00</u>
<u>Electrical Contract</u>		
(2 bids received 2-24-69)		
Gordon Electric Co. (Columbus, Ohio)		
Base Bid	\$ 78,500.00	\$ 85,000.00
Alt. E-1 Connections for H and AC-1	575.00	1,200.00
Alt. E-2 Connections for H and AC-2	820.00	860.00
Alt. E-3 Fire Alarm Extension	5,000.00	11,000.00
Total Contract	<u>\$ 84,895.00</u>	<u>\$ 98,060.00</u>
<u>Total All Contracts</u>	<u>\$ 305,766.00</u>	<u>\$ 404,845.00</u>

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary) and a grant from the National Heart Institute.

C. West Substation Transfer

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 4-1-69)		
Pence Electric Co. (Columbus, Ohio)		
	\$ 5,647.00	\$ 16,000.00

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. McCracken Power Plant - Addition to Primary Distribution System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 4-1-69)		
Jess Howard Electric (Columbus, Ohio)	\$ 29,487.00	\$ 30,000.00

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

E. Boilers 6 and 7, Elimination of Atmospheric Pollution

	<u>Low Bid</u>	<u>Est. of Cost</u>
(7 bids received 4-8-69)		
Lieb-Jackson, Inc. (Columbus, Ohio)		
Base Bid	\$ 105,800.00	\$ 124,990.00
Alt. M-2 Rebuild I. D. Fans, with New 150 HP Motors	13,600.00	16,000.00
Alt. M-4 Remove Ash Hoppers, Dust Hoppers, Dust Collector Internals, P. C. System	8,500.00	12,000.00
Total Contract	<u>\$ 127,900.00</u>	<u>\$ 152,990.00</u>

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801179 (Boilers 6 and 7 Conversion).

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

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. College of Medicine, Expanded Computer Facilities -
Employment of Engineers

Vice President Corbally recommended that the engineering firm of John M. Schweiger & Associates be employed to provide complete professional engineering services for heating, ventilating, air conditioning, plumbing and electrical work for this project, including an engineering survey, design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

April 10, 1969 meeting, Board of Trustees

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

A. College of Medicine, Expanded Computer Facilities -
Employment of Engineers (continued)

The fee for this service is estimated to be \$10,465.00 or 7 per cent of the construction cost of the plumbing, heating and electrical work. Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801196 (Starling-Loving Computer Facility).

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

B. Parking Meter Rate Increase

Upon the recommendation of the Commission on Traffic and Parking and with the approval of the President's Cabinet, the following resolution was recommended for approval:

WHEREAS, parking meter rates for on-street pay parking areas have not been increased since 1957; and

WHEREAS, an increase is needed to bring the parking meter rates further in line with the rates charged by the University pay parking lots; and

FURTHERMORE, to bring University parking meter rates in conformity with those now charged by the City of Columbus;

NOW, THEREFORE, BE IT RESOLVED that an increase from 10 cents to 20 cents per hour be made in the University parking meter rates, as approved by the Commission on Traffic and Parking, effective as of June 17, 1969.

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

C. Jones Graduate Tower Swimming Pool - Employment of Engineers

Vice President Corbally recommended that the engineering firm of W. E. Monks, Engineers, be employed to provide complete professional engineering services for heating, ventilating, plumbing and electrical work for this project, including design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

The fee for this service will be calculated on an hourly basis but not to exceed \$4,500.00. Funds for the project have been provided from Budget Account 801080 (Graduate Swimming Pool).

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

April 10, 1969 meeting, Board of Trustees

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

D. Transportation Research Center, Acquisition of Land

Vice President Corbally presented the following resolution:

WHEREAS, the Ohio Department of Highways has provided the University with a Purchase Order No. 26-0207 to provide reimbursement for land acquisition cost for Highway Transportation Research Center in the amount of \$700,000.00; and

WHEREAS, it has been determined that lands in addition to those already acquired or authorized are necessary to the orderly development and operation of the Transportation Research Center;

BE IT RESOLVED, that the Board of Trustees of The Ohio State University declare the lands outlined in the map entitled "Supplemental Land Acquisition Plan for the Transportation Research Center," dated March 1, 1969, are necessary to achieve the goals described in the Program of Development for the Transportation Research Center, dated November 10, 1966, and establish said lands as part of the Center; and

BE IT FURTHER RESOLVED, that the Board of Trustees of The Ohio State University authorize the President and/or the Vice President for Business and Finance to proceed with the appraisal, negotiation and acquisition of lands as outlined in the map entitled "Supplemental Land Acquisition for the Transportation Research Center," dated March 1, 1969.

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

E. Telephone Exchange - Expansion of Service

Expanding telephone service needs require additional cabling to the south campus area. In 1970, the Telephone Company will place into operation a new exchange located on West 8th Avenue.

To support this new exchange and to provide interim service between now and the time it can be implemented, it is necessary for the University to install telephone conduit to receive the Telephone Company's cabling on Neil Avenue extending roughly from 17th Avenue to 12th Avenue, with a branch to the Language Building.

Conditions are such that it is essential for the University to seek permission to advertise for a 10-day period in order to complete the work in time for Autumn Quarter, 1969.

Vice President Corbally recommended, therefore, that the President and/or Vice President for Business and Finance be authorized to proceed with

April 10, 1969 meeting, Board of Trustees

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

E. Telephone Exchange - Expansion of Service (continued)

the implementation of this project on a 10-day advertisement basis.
Funds have been provided in Budget Account 124358 (Contract Repair).

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

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VIII. REPORTS

A. Report on the University's Investment Portfolio

The report dated April 9, 1969, 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.

B. Ninth Annual Student Leadership Recognition Dinner

Vice President Corbally reported that the Ninth Annual Student Leadership Recognition Dinner would be held May 7, 1969, at the Ohio Union.

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Thereupon the Board adjourned to meet Thursday, May 8, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX VI

New Section to Rules for the University Faculty
55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08

as approved by the Faculty Council
March 11, 1969

Referred by Board of Trustees to the Attorney
General for a formal opinion
April 10, 1969

Page 532 Blank

Rules for the University Faculty

The Faculty Council on March 11, 1969, approved the following proposed new section to the Rules for the University Faculty--55.00. Open Housing, upon the recommendation of the Committee on Rules. These rules will be included in the reprinted copy of the Rules for the University Faculty upon approval by the Board of Trustees.

55.00. Open Housing

55.01. The Open Housing Policy.

It is the policy of The Ohio State University that rental housing be available to all of the University's students on equal terms without regard to race, religion, color, or national origin.

55.02. The Open Housing Rule.

- a. (1) No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.
- b. (1) If a student becomes a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list without knowledge of that fact he shall not continue his residence therein for more than thirty days after he received notice to vacate from the Office of the Vice President for Student Affairs unless he is bound by a lease for a longer time, in which case he shall not continue his residence therein beyond the term required by such lease. The prohibition of this subsection does not apply to a student who resides in the premises at the time of the finding of discrimination, and who remains in the same unit.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, he shall be liable to recorded probation or suspension.
- c. (1) No student shall enter into any arrangement to become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.

Rules for the University Faculty (continued)

55.02. The Open Housing Rule. (continued)

- d. The discriminatory housing list shall consist of those premises which the Open Housing Panel has ordered to be placed on such list for the periods prescribed pursuant to Rule 55.06.
- e. A student is a person who is registered for course credit toward a University degree or who is seeking housing in preparation for registration and candidacy.
- f. Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules.

55.03. The Open Housing Panel.

The Open Housing Panel shall consist of:

Six faculty members selected by vote of the Faculty Council, at least one of whom shall be a member of the Faculty Council;

Three undergraduate student members selected by vote of the Student Assembly;

One graduate student member selected by vote of the Council of Graduate Students;

One professional student member selected by vote of the Professional College Council.

Faculty members of the Open Housing Panel shall be designated for a term of two years. The initial Panel shall decide by lot which three faculty members shall serve for a one-year term so that three positions will become vacant each year. Student members of the Panel shall serve for a term of one year. Faculty and student members may serve successive terms.

Vacancies shall be filled in the same manner that the position which has become vacant was filled; those appointed to fill vacancies shall serve out the term of the member they are replacing.

The Open Housing Panel shall elect its own chairman and such other officers as the members deem appropriate. The Panel shall keep a record of each case consisting of a brief description of the facts, the decision (including any concurring or dissenting opinion), and the vote of each member. These case records shall be filed with the Vice President for Student Affairs, who shall maintain them, and make them available to the Panel, parties, and the public at reasonable times in accordance with a published schedule.

The Open Housing Panel shall adopt its own rules of procedure not inconsistent with these provisions.

Rules for the University Faculty (continued)

55.04. Complaints.

- a. Any student, the Vice President for Student Affairs, or the Director of Housing may lodge a complaint that an owner, landlord or the authorized agent of either has discriminated in the rental of housing to students on the grounds of race, religion, color or national origin with the Office of the Special Assistant for Student Affairs within six months of the alleged act of discrimination.
- b. The complaint shall contain a statement of the acts alleged to constitute the discrimination.
- c. The Special Assistant shall use student investigators for the purpose of determining whether owners, landlords, or their authorized agents discriminate on the grounds of race, religion, color, or national origin in the rental of housing.

55.05. The Hearing.

- a. Upon receipt of a complaint, the Special Assistant shall:
 - (1) Request the Open Housing Panel to convene a public hearing to determine whether the named owner, landlord, or an agent of either, discriminated against the University's students in the rental of housing on the basis of race, religion, color, or national origin.
 - (2) Serve by registered mail upon the landlord, owner, or authorized agent in charge of the premises a copy of the complaint and of this rule.
- b. The Special Assistant or the complainant may present evidence material to a determination of the charges and cross-examine witnesses, with or without the aid of counsel, at a hearing convened for the purpose by the Panel.
- c. The Open Housing Panel shall, on the written request of the Special Assistant, conduct a public hearing no earlier than ten days after the making of the complaint and its notice of hearing to the Special Assistant, the complainant, and the party charged with discrimination, who shall be advised of his right to appear, to be represented by counsel, to present witnesses, and to cross-examine witnesses who testify.

55.06. Findings.

After considering only the evidence admitted at the hearing, the Open Housing Panel shall determine whether the owner, landlord, or the authorized agent of either of them has refused to rent on equal terms without regard to race, religion, color, or national origin to all of the University's students. A refusal to rent shall include those situations where the owner, landlord, or authorized agent

Rules for the University Faculty (continued)

55.06. Findings. (continued)

refuses to rent premises to a student who is gathering evidence to determine whether the owner, landlord, or authorized agent discriminates within the meaning of this rule.

If the Open Housing Panel finds by a preponderance of the evidence that there has been such a discriminatory refusal to rent, it shall enter a determination that the premises be placed on the discriminatory housing list.

Any premises placed on the discriminatory housing list shall remain on the list for the period prescribed by the Open Housing Panel, but it shall not be less than one year nor more than three years. However, in extreme circumstances, the Panel may prescribe a period of less than one year provided that its reasons are included in the record provided for in Rule 55.03. No premises shall be removed from the discriminatory housing list until: (a) the period prescribed by the Open Housing Panel has ended, (b) a written pledge of compliance with this rule has been received from the landlord or owner of the premises, and (c) with reference to premises which are rented through an agent, (i) the owner or landlord has given the agent written instructions to comply with this rule, (ii) has submitted a copy of said instructions to the Open Housing Panel, (iii) has received the Open Housing Panel's approval of such instructions, and (iv) has pledged in writing to give such approved written instructions to all future agents.

If the Panel finds that the landlord or owner has breached a pledge previously given under this section the premises shall be placed on the discriminatory housing list for a period of not less than three years.

55.07. The Discriminatory Housing List.

The Vice President for Student Affairs, upon receipt of a decision of discrimination by the Open Housing Panel shall place the premises wherein the discrimination took place on the discriminatory housing list. He shall also notify the owner or landlord of the premises that none of the University's students will be permitted to become residents of or make any arrangement to become a resident of the building for the period of time determined by the Open Housing Panel.

Any owner or landlord, or authorized agent who knowingly rents or enters into any arrangement to rent housing to a student in premises which he has been notified are on the discriminatory housing list shall, after a hearing establishing this fact, have the term of listing extended for three additional years. A complaint of violation of this section shall be processed in accordance with Rules 55.04 and 55.05.

55.08. Notice.

The discriminatory housing list, divided by geographical area, shall be published periodically in the Lantern, and shall be included in the registration materials of every student together with a copy of this rule.

Rules for the University Faculty (continued)

55.08. Notice. (continued)

A copy of this rule shall be conspicuously published in a newspaper of general circulation at least five times during the month preceding the commencement of each quarter. A copy of this rule shall also be sent or delivered to each landlord who is known to the University to have student tenants in Franklin County.

The Lantern shall not accept or print any advertisement for rental of any building on the discriminatory housing list.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 8, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, May 8, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Jack G. Gibbs, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

* * *

Minutes of the last meeting were approved.

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The Chairman, Mr. Bricker, announced the appointment of two new members of the Board of Trustees of The Ohio State University made by Governor James A. Rhodes:

Mr. Jack G. Gibbs, who was appointed to fill the unexpired term of Dr. Bertram D. Thomas, beginning April 9, 1969, and ending May 13, 1970, with appointee taking office May 5, 1969. Dr. Thomas' resignation was accepted April 8, 1969.

Mr. Frederick R. Eckley, who was appointed to fill the unexpired term of Mr. Mervin B. France, beginning April 5, 1969, and ending May 13, 1973, with appointee taking office May 5, 1969. Mr. France's resignation was accepted April 4, 1969.

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May 8, 1969 meeting, Board of Trustees

ELECTION OF OFFICERS

Mr. Shocknessy moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms of office shall be effective May 14, 1969, and shall continue through the May, 1970, meeting of the Board:

Chairman - John G. Ketterer
Vice Chairman - Frederick E. Jones
Secretary - Edward Q. Moulton
Treasurer - Gordon B. Carson

Mr. Safford seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board.

President Fawcett expressed satisfaction at having so many visitors present at the meeting. He also took this occasion to thank the members of the staff who had filled in so capably during his absence from April 1 through April 22 due to his eye operation. He commended his colleagues for their dedicated service and for carrying on so ably in the performance of their duties.

President Fawcett presented the following recommendations:

Attorney General's Ruling in Regard to the New Section to the Rules for the University Faculty--55.00. Open Housing. Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09

The President presented the following statement pertaining to the Open Housing Rule and recommended its approval:

The proposed Open Housing Rule, now before the Board has the considered support of the major representative bodies of The Ohio State University. I recommend its adoption based upon our continuing interest in the equal availability of student housing under a policy of nondiscrimination.

We now have an opinion of the Attorney General (see Appendix VII, page 571) which, in essence, states that the Board has the requisite authority to adopt the proposed rule. After careful study, it also appears that the Attorney General has declared no legal prohibitions to the rule. He did, however, add caveats to his opinion, particularly pointing out concerns for a due process which would protect the rights of property owners affected by the rule. I have no doubt that appropriate procedures will be adopted by the panel which will provide a full-faith provision for a uniform due process insuring fair hearings to all parties.

It is my judgment that the advice of the Attorney General can best be accepted with the addition to the rule of an appellate procedure by the following addition:

May 8, 1969 meeting, Board of Trustees

Attorney General's Ruling in Regard to the New Section to the Rules for the University Faculty--55.00. Open Housing. Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09 (continued)

55.09. Appeals.

Appeals from decisions of the Open Housing Panel shall be taken in writing within ten days to a three-member Housing Appeals Panel hereby created, consisting of one student member, one faculty member and one administrative member, each of whom shall be appointed annually by the President in keeping with the duly constituted authority for student affairs as delegated by the Board to the President.

The Housing Appeals Panel shall elect its own chairman, establish rules of procedure for such appellate hearing and make determination in such appeals.

55.07. The Discriminatory Housing List.

Insert after shall, . . . place (page 4, line two)
(after the ten-day period for taking an appeal or
after determination upon appeal,)

Experience with the administration of the rule or possible future court rulings may well necessitate further revision. We will, of course, make any subsequent changes required to guarantee rights of all in our efforts to make equal housing available to all our students. Clearly nothing in our rule or procedures precludes the application of appropriate civil procedures, the seeking of individual remedies before the Ohio Civil Rights Commission or of recourse to the courts.

As I have indicated previously, I have not known of a proposal which has received more considered attention by, or represents a greater unanimity of, this academic community. Adoption of this rule will be a major step forward in advancing the interest of the Board and the University in housing facilities and nondiscrimination.

Upon motion of Mr. Gibbs, seconded by Mr. Ketterer, the Board of Trustees approved the new section of the Rules for the University Faculty (55.00. Open Housing) by a unanimous roll call vote, with Mr. Bricker not voting. The Secretary was authorized to include said section in the Rules for the University Faculty.

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May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS

A. Establishment of New Graduate Degree Programs in Public Administration

The Faculty Council on April 8, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that new programs in the area of public administration be authorized as follows:

1. The Master of Public Administration program will provide for leadership careers in government organizations at all levels.
2. The Master of Arts program with a field of specialization in public administration will offer greater flexibility for students desiring a specialized course of study.
3. The Doctor of Philosophy program will prepare a student for an academic career of teaching and research. It also will provide preparation for top level administrative and research careers in public agencies.

Responsibility for these degrees will be transferred from the Department of Political Science to the Division of Public Administration of the College of Administrative Science. The proposed programs will have three basic aims: (1) to offer an instructional program at the master's and doctoral levels emphasizing the knowledge, skills and attitudes required for leadership in the public sector; (2) to engage in research for new knowledge to solve major public policy and administrative problems; and (3) to serve the community by offering continuing education for public administrators and by assisting in the solution of current problems.

President Fawcett recommended that the above proposal to establish the new graduate degree programs in the Division of Public Administration of the College of Administrative Science be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this program become effective Autumn Quarter, 1969.

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

B. Authorization to Grant the Degree--Bachelor of Science in Allied Health Professions

The Faculty Council on April 8, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that a new undergraduate degree, Bachelor of Science in Allied Health Professions, be offered within the School of Allied Medical Professions of the College of Medicine. This new degree will encompass the major areas of study offered by the School; namely, medical communications and circulation technology.

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Authorization to Grant the Degree--Bachelor of Science in Allied Health Professions (continued)

President Fawcett recommended that the present degrees offered within the School of Allied Medical Professions of the College of Medicine (Bachelor of Science in Medical Dietetics, Bachelor of Science in Medical Illustration, Bachelor of Science in Occupational Therapy, Bachelor of Science in Medical Technology and Bachelor of Science in Physical Therapy) be withdrawn and that the present areas of concentration represented by these degrees be offered as major areas of study under the proposed Bachelor of Science in Allied Health Professions. Students entering the School prior to Summer Quarter, 1970, would be permitted to elect admission to one of the present degree programs.

It was recommended further that the above proposal to establish the new undergraduate degree program in the School of Allied Medical Professions of the College of Medicine be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Summer Quarter, 1970.

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

C. Program in School of Allied Medical Professions of the College of Medicine Leading to Master of Science Degree

The Council on Academic Affairs approved the recommendation of the Graduate Council that there be established a degree program leading to the Master of Science degree in the School of Allied Medical Professions of the College of Medicine. This request was subsequently approved by the Faculty Council on April 8, 1969.

Based on the curriculum design of utilizing core courses for improved education in allied medical professions, the proposed graduate program would involve an interdisciplinary core approach. This program would provide various professional areas of strength to contribute to the student's preparation for teaching, understanding basic research methods, administering programs, communicating and strengthening his professional roles in allied health.

It was recommended that this proposal from the Faculty Council be approved by the Board of Trustees and that this program become effective Autumn Quarter, 1969.

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

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Alternate Set of Requirements for Awarding the Master's Degree

The Faculty Council on April 8, 1969, approved the proposal from the Council on Academic Affairs that a student who has been admitted to candidacy for the doctor of philosophy degree may be recommended for the appropriate master's degree by the departmental graduate committee (or equivalent) without prejudice to his status as a candidate for the doctorate.

This recommendation is intended to provide for students who have only a baccalaureate degree and whose candidacy for the doctor of philosophy degree has been canceled because of the seven-year time limitation. The master's degree would be retroactively awarded to said doctor of philosophy degree candidate who had bypassed the master's degree.

President Fawcett recommended that the said action of the Faculty Council be approved.

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

E. Revision of Rule 63.01 of Rules for the University Faculty

President Fawcett recommended that Rule 63.01 of Rules for the University Faculty pertaining to rights to and interests in patentable discoveries and inventions resulting from research or investigation conducted in any facility of The Ohio State University be revised as follows:

1. In the first paragraph of Section 3, add the phrase as noted in the underscoring:

Section 3. The President of the University is hereby empowered and authorized, after receiving the advice of a committee of University faculty and administrative personnel which he shall appoint, (known as the Patent Advisory Committee), to:

2. Delete item (f) in Section 3 and include it as part of the new Section 4.
3. Add Section 4 and Section 5 as follows:

Section 4. The President of the University is hereby empowered and authorized, after receiving the recommendation of the Vice President for Business and Finance, to

Sell, assign, convey or grant any such patentable discoveries and inventions or any rights or shares in such discoveries and inventions or the proceeds thereof, on behalf of The Ohio State University, to such persons, firms or governmental agencies for

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Revision of Rule 63.01 of Rules for the University Faculty (continued)

such consideration or upon such terms and conditions, including dedication to the public, as shall be deemed by him to be proper and in the best interest of the University.

Section 5. The Patent Advisory Committee shall recommend to the Vice President for Business and Finance of the University probable sources for licensing patent use and shall advise that office on reasonable terms of license agreements.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was authorized to include said revision in the next printing of the Rules for the University Faculty.

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 7, 1969, 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 VIII, page 591.)

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the April 10, 1969 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, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

Lawrence J. R. Herson from Professor in and Chairman of the Department of Political Science to Dean for Undergraduate Programs for the Colleges of the Arts and Sciences, effective October 1, 1969, at a salary to be established with the 1969-70 budget.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Edward C. Naber from Professor in the Department of Poultry Science to Professor in and Chairman of the Department of Poultry Science (part time - 65 percent) and Professor in the Cooperative Extension Service (part time - 10 percent), effective July 1, 1969, at a combined salary of \$15,108.00 per annum. Dr. Naber will hold an appointment at the Ohio Agricultural Research and Development Center for 25 percent of full time.

B. Leaves of Absence Without Salary

Kenneth M. Abbott, Professor, Department of Classics, October 1, 1969 through September 30, 1970, to serve as a Visiting Professor at the University of Illinois.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, July 1, 1969 through June 30, 1970, to continue as a long-term consultant under the Ford Foundation grant at the Punjab Agricultural University, Ludhiana, Punjab, India.

W. Arthur Cullman, Professor, College of Administrative Science - Marketing, October 1, 1969 through June 30, 1970, to participate in the instruction program at the Management Development Institute in Switzerland.

Maurice Kelman, Professor, College of Law, October 1, 1969 through September 30, 1970, to serve as a special assistant to the Mayor of Detroit.

Glenn W. Miller, Professor, Department of Economics, October 1, 1969 through September 30, 1970, to teach at Wichita State University.

Peter J. Roquette, Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to engage in instruction and research at the University of Heidelberg, Heidelberg, Germany.

Alan Schwarz, Professor, College of Law, October 1, 1969 through September 30, 1970, to be a Visiting Professor at the University of Oregon.

Jesse M. Shapiro, Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to do research and study at the University of Minneapolis, Minneapolis, Minnesota.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Ronald B. Sklar, Associate Professor, College of Law, October 1, 1969 through September 30, 1970, to teach at Haile Sellassie I University.

Thomas N. Woodson, Associate Professor, Department of English, October 1, 1969 through September 30, 1970, to be a Visiting Associate Professor at Yale University.

Eileen L. Bonney, Assistant Professor, School of Music, October 1, 1969 through September 30, 1970, to complete work on doctorate.

Harry H. Chandler, Assistant Professor, College of Dentistry, October 1, 1969 through September 30, 1970, to continue the position as Research Associate at the National Bureau of Standards - Dental Division, Washington, D. C.

Ronald B. Gold, Assistant Professor, Department of Economics, October 1, 1969 through September 30, 1970, to work in the Office of Tax Analysis (Treasury Department).

John S. Hsia, Assistant Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to engage in research at the Mathematical Institute, Gottingen, Federated Republic of Germany.

Horst Gunter Zimmer, Assistant Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to be a Visiting Assistant Professor for the Algebra Year in California at the University of California at Los Angeles.

Paul E. Droste, Instructor, School of Music, October 1, 1969 through September 30, 1970, to complete residency requirement for doctorate.

Charles R. Oaklief, Instructor, Cooperative Extension Service, July 1, 1969 through June 30, 1970, to participate in a program of professional improvement at The Ohio State University.

Rosemary D. Platt, Instructor, School of Music, October 1, 1969 through September 30, 1970, to complete residency requirement for doctorate.

C. James Schmidt, Instructor, University Libraries, May 1, 1969 through May 25, 1969, to engage in teaching at the School of Library Science, Immaculate Heart College, Los Angeles, California.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles

Edmund D. Ayres, Professor Emeritus, Department of Electrical Engineering, effective July 1, 1969.

Jorgen M. Birkeland, Professor Emeritus, College of Biological Sciences - Microbial and Cellular Biology, effective July 1, 1969.

Mikhail V. Condoide, Professor Emeritus, Department of Economics, effective July 1, 1969.

Robert M. Estrich, Professor Emeritus, Department of English, effective July 1, 1969.

Ruth W. Hughey, Professor Emeritus, Department of English, effective July 1, 1969.

William E. Krauss, Professor Emeritus, Department of Dairy Science, effective July 1, 1969.

Nathan Lazar, Professor Emeritus, College of Education, effective July 1, 1969.

Arthur R. Mangus, Professor Emeritus, Department of Agricultural Economics and Rural Sociology, effective July 1, 1969.

William F. McDonald, Professor Emeritus, Department of History, effective July 1, 1969.

John W. Price, Professor Emeritus, College of Biological Sciences - Organismic and Developmental Biology, effective September 1, 1969.

Walter C. Reckless, Professor Emeritus, Department of Sociology, effective September 1, 1969.

Donald B. Robinson, Professor Emeritus, Department of Agricultural Education and Cooperative Extension Service, effective July 1, 1969.

Helen Landman Wikoff, Professor Emeritus, Department of Physiological Chemistry, effective August 1, 1969.

Judson D. Wilson, Clinical Professor Emeritus, Department of Surgery, effective July 1, 1969.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Wilbur H. Bruner, Associate Professor Emeritus,
Cooperative Extension Service, effective July 1, 1969.

Hazel Lee Gibbony, Associate Professor Emeritus,
College of Education, effective July 1, 1969.

Eleanor Lewis, Associate Professor Emeritus, School
of Nursing, effective February 1, 1969.

Clifton E. Mack, Associate Professor Emeritus, College
of Administrative Science - Division of Continuing Edu-
cation, effective July 1, 1969.

Leonard P. Ristine, Associate Professor Emeritus,
Department of Psychiatry, effective July 1, 1969.

William V. Walton, Associate Professor Emeritus, College
of Dentistry, effective September 1, 1969.

Margaret Steenrod Fetzer, Assistant Professor Emeritus,
College of The Arts - Division of Art, effective July 1,
1969.

Lawrence C. Holtkamp, Instructor Emeritus (County
Extension Agent), Cooperative Extension Service, effective
June 1, 1969.

Upon motion of Mr. Ketterer, seconded by Mr. Gibbs, the Promotions, Leaves of Absence Without Salary, Emeritus Titles and the 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

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.

May 8, 1969 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

- a1. Atomic Energy Commission, Argonne, Illinois, High Resolution Infrared Spectra of Tritium-and-Deuterium-Substituted Molecules (to be known as Atomic Energy Commission Project No. 1098-B - Sup. #8-1 - Department of Physics).
Gross Value - \$30,000.00.
- a2. Atomic Energy Commission, Argonne, Illinois, Knudsen and Molecular Diffusion of Gases in Capillaries and Porous Solids Over Large Pressure Ranges (to be known as Atomic Energy Commission Project No. 2381-B - Mod. #1-1 - Department of Chemical Engineering).
Gross Value - \$16,523.00.
- a3. Department of Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Microwave Radiometer Measurement Program (to be known as Aeronautical Systems Division Project No. 2440 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a4. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineer Scientist (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #9 - Research Foundation).
Gross Value - \$85,000.00.
- a5. Air Force Missile Development Center, Holloman Air Force Base, New Mexico, High Velocity Rail Damage Study (to be known as Air Force Missile Development Center Project No. 2456 - Sup. #6 - Department of Engineering Mechanics).
Gross Value - \$20,818.00.
- a6. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as Atomic Energy Commission Project No. 2589-A - Mod. #1 - Department of Chemistry).
Gross Value - \$38,292.00.
- a7. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as Atomic Energy Commission Project No. 2589-A-1 - Mod. #1 - Department of Chemistry).
Gross Value - \$2,400.00.

May 8, 1969 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)

- a8. Atomic Energy Commission, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as Atomic Energy Commission Project No. 2592-A - Mod. #1 - College of Biological Sciences - Genetics).
Gross Value - \$28,500.00.
- a9. Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C., Disaster Studies (to be known as Office of Civil Defense Project No. 2612 - Mod. #1 - Department of Sociology).
Gross Value - \$120,000.00.
- a10. Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, The Microwave Diagnosis of the Plasma Sheath on High Performance Reentry Vehicles (to be known as Air Force Special Weapons Center Project No. 2794 - New - Department of Electrical Engineering).
Gross Value - \$63,794.00.

TOTAL - Government Research Contracts - Federal \$430,327.00

2. Industrial and Other Research Contract

- a1. Consolidation Coal Co., Traux-Traer Division, Conservation Department, Library, Pennsylvania, Demonstration of Control of Acid Drainage from Coal Mine Refuse and Slurry Areas (to be known as Consolidation Coal Co., Project No. 2777 - Amend. #1 - Engineering Experiment Station).
Gross Value - \$1,560.00.

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies of Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-L - Sup. #1 - College of Biological Sciences - Entomology).
Gross Value - \$978.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759-L - Ext. #12 - Department of Chemistry).
Gross Value - \$59,227.00.

May 8, 1969 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)

- a3. Air Force Office of Scientific Research, Arlington, Virginia, Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946-D - Mod. E - Department of Sociology).
Gross Value - \$43,403.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$29,745.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085 - Mod. #1 - Department of Pharmacology).
Gross Value - \$3,296.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Bethesda, Maryland, Treated and Untreated Potential Delinquents - Follow up (to be known as National Institute of Mental Health Project No. 2225-C - Ext. #3 - Department of Sociology).
Gross Value - \$37,090.00.
- a7. National Aeronautics and Space Administration, Washington, D. C., Nonparametric Ranking and Selection Procedures (to be known as National Aeronautics and Space Administration Project No. 2241 - Sup. #2 - Department of Mathematics).
Gross Value - \$6,240.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251-B - Sup. #1 - Department of Psychiatry).
Gross Value - \$10,516.00.

May 8, 1969 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)

- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437-B - Ext. #2 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$20,872.00.
- a10. U. S. Army Research Office - Durham, Durham, North Carolina, The Charge Mechanism in Ferroelectronics (to be known as U. S. Army Research Office - Durham Project No. 2569 - Sup. #1 - Department of Mechanical Engineering).
Gross Value - \$10,000.00.
- a11. National Aeronautics and Space Administration, Washington, D. C., Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as National Aeronautics and Space Administration Project No. 2792 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,000.00.
- a12. 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 National Institutes of Health Project No. 2793 - New - Department of Chemistry).
Gross Value - \$42,585.00.
- a13. 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 National Institutes of Health Project No. 2796 - New - Department of Chemistry).
Gross Value - \$12,870.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis (to be known as National Institutes of Health Project No. 2797 - New - Department of Veterinary Pathology).
Gross Value - \$30,527.00.

May 8, 1969 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)

- a15. National Science Foundation, Washington, D. C., Analysis and Approximation Theory (to be known as National Science Foundation Project No. 2798 - New - Department of Mathematics).
Gross Value - \$29,900.00.
- a16. National Science Foundation, Washington, D. C., Infrared Spectroscopy (to be known as National Science Foundation Project No. 2799 - New - Department of Physics).
Gross Value - \$54,000.00.
- a17. National Science Foundation, Washington, D. C., Archaeology in Northwest Alaska (to be known as National Science Foundation Project No. 2800 - New - Institute of Polar Studies).
Gross Value - \$35,100.00.
- a18. National Science Foundation, Washington, D. C., A Software Requirement for Research and Education in the Visual Arts (to be known as National Science Foundation Project No. 2801 - New - College of The Arts- Division of Art).
Gross Value - \$99,200.00.

TOTAL - Government Research Grants - Federal \$530,549.00

The foregoing twenty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$962,436.00.

Upon motion of Mr. Shocknessy, 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.

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

During the period from March 26, 1969 through April 16, 1969, 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 220 Development of Sonic and Ultrasonic Power Devices for
Ext. #11 Application in Highway Engineering, Ohio Department of
 Highways, Columbus, Ohio.
 Gross Value - \$155,000.00.

May 8, 1969 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)

SC 57 An Indoctrination Course for Engineering Students
Ext. #5 to be Employed by the Ohio Department of Highways
 During University Vacation, Ohio Department of
 Highways, Columbus, Ohio.
 Gross Value - \$3,000.00

TOTAL - Government Research Contracts \$158,000.00

2. Industrial Research Contract

EES 265 A Study to Improve Kiln-Fired Ceramics by Optimization
Ext. #1 of Furnace Gases and Firing Cycles, Columbia Gas
 System Service Corporation, Columbus, Ohio.
 Gross Value - \$18,000.00.

The foregoing three contracts for research in the Engineering Experiment
Station represent a gross income of \$176,000.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received
since April 10, 1969, and were reported for the record. Appropriate expressions
of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$829,000.00 granted by Department of Health, Education and Welfare,
Office of Education, Washington, D. C. 20202, to the University for
participating in the NDEA, Title IV Graduate Fellowship Program,
for the period September 1, 1969 through August 31, 1970. (Obligation
No. 04-077129)
2. \$199,700.00 granted by Department of Health, Education and Welfare,
Public Health Service, Bethesda, Maryland, to the University for
"Health Professions Educational Improvement Program - Special
Improvement Grant," under the direction of the College of Optometry,
for the period July 1, 1969 through June 30, 1970. (Grant No.
5 T02 ME1165-02 and Grant No. 5 T02 ME1165-02-S1)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$152,100.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for Fellowships and Traineeships in the areas of Mentally Retarded and Visually Handicapped for the period June 1, 1969 through August 31, 1970. (Grant No. OEG-0-9-451183-3191)
4. \$151,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Experienced Teacher Fellowships - Curriculum in Art Education," under the direction of the College of The Arts - Division of Art. This project extends through June 30, 1970. (Grant No. OEG-0-9-450663-2001)
5. \$145,390.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Pathology," under the direction of the College of Veterinary Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 GM01052-07)
6. \$140,475.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Fellowship Program in Reading," under the direction of the College of Education. This project extends through October 31, 1970. (Grant No. OEG-0-9-450667-2279)
7. \$92,890.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the construction of an Allied Health Building. This grant is made under Title I of the Higher Education Facilities Act. (Project No. 4-5-00544-0)
8. \$80,671.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 HE05546-09)
9. \$41,860.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Microbiology and Infectious Disease Training," under the direction of the Department of Medical Microbiology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 A100359-02)
10. \$37,978.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 CA05192-04)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

11. \$28,543.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Special Project for Research Training in Vocational Education," under the direction of the Center for Vocational and Technical Education, for the period December 1, 1968 through December 31, 1969. (Grant No. OEG-0-9-450886-2486)
12. \$27,058.00 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 April 1, 1969 through June 30, 1970. (Grant No. 1 T01 GM01949-01)
13. \$22,890.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C. 20202, to the University to develop and evaluate new interdisciplinary training for personnel who will work with mentally retarded children, under the direction of the College of Education, for the 1969-70 academic year. (Grant No. OEG-0-9-451278-3375)
14. \$20,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Planning Grant in Physical Education," to develop and evaluate a training program for personnel who will work with handicapped children in the area of physical education, under the direction of the College of Education, for the period June 1, 1969 through August 31, 1970. (Grant No. OEG-0-9-451713-3393)
15. \$11,423.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Special Project for Research Training in Vocational Education: Professional Pre-Session," under the direction of the Center for Vocational and Technical Education, for the period September 1, 1968 through May 1, 1969. (Grant No. OEG-0-9-450704-2304)
16. \$11,239.00 granted by National Science Foundation, Washington, D. C. 20550, 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, 1970. (GW-4416)
17. \$9,114.00 granted by National Science Foundation, Washington, D. C. 20550, 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, 1970. (GW-4417)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

18. \$5,400.00 supplement granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, 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, 1968 through August 31, 1969. (VRA Grant No. 151-T-69 - Amendment No. 1)
19. \$1,944.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Student Research Stipends," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH07507-09)

TOTAL - Administered Through the Office of Business and Finance
\$2,008,675.00

B. Received Through The Ohio State University Development Fund

1. \$15,000.00 from the Clow Foundation, Chicago, Illinois, for the Harkers Fund.
2. \$10,531.00 from the Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
3. \$10,000.00 from the National Machinery Foundation, Inc., Tiffin, Ohio, (In the name of Mr. and Mrs. Robert G. Friedman), for the School of Music Fund.
4. \$7,250.00 from the Central Ohio Breeding Association, Columbus, Ohio--\$3,750.00 for the Dairy Science Breeding Research Fund and \$3,500.00 for the Animal Science Special Fund.
5. \$6,219.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
6. \$5,283.00 from Charles Pfizer & Company, Inc., New York, New York, for the Infectious Disease Research Fund in the College of Medicine.
7. \$5,000.00 from the Estate of Nell W. Storer, Syracuse, New York, for the Alumni Endowment Fund.
8. \$5,000.00 from James W. Overstreet, Columbus, Ohio, (In the name of Mrs. James W. Overstreet), for the Novice G. Fawcett Professorship in Educational Administration.

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$4,500.00 from Owens-Illinois, Inc., for the Owens-Illinois Fellowship in Ceramic Engineering.
10. \$4,000.00 from Eli Lilly and Company for Eli Lilly and Company Fund for the Department of Chemistry.
11. \$3,375.00 from United Health Foundation, Inc., for United Health Foundation of Central Stark County.
12. \$3,000.00 from Miss Irene D. Hirsch for Crime and Delinquency Research in the Department of Sociology.
13. \$2,929.08 from Dr. and Mrs. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
14. \$2,600.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania--\$1,800.00 for Gastroenterology Research Fund and \$800.00 for Ambulatory Medicine Research Fund.
15. \$2,543.76 from Chemagro Corporation, Kansas City, Missouri, for research in the College of Veterinary Medicine.
16. \$2,500.00 from Forging Industry Education and Research Foundation, (In the names of David E. Tilton, 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.
17. \$2,500.00 from The City National Bank & Trust Company, (In the name of Everett D. Reese)--\$2,000.00 for the Everett D. Reese Scholarship and Loan Fund and \$500.00 for the Academic Faculty of Marketing in the College of Administrative Science.
18. \$2,370.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
19. \$2,363.62 from Lawrence D. Stanley as an unrestricted gift to the University.
20. \$2,000.00 from Harold M. McClure, Jr., for the Presidents Club Special Fund.
21. \$1,800.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
22. \$1,500.00 from Dr. Charles E. Andre, Las Vegas, Nevada, for the College of Medicine Class of 1959 Fund.

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$1,500.00 from Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton), for the John W. Bricker Professorship in the College of Law.
24. \$1,000.00 from William B. Hoyer--\$600 for the Griffith Foundation Scholarship Fund and \$400.00 for the Student Athlete Grant-in-Aid Fund.
25. \$1,000.00 from Resler Foundation, (In the name of Jack S. Resler), for the John B. Fullen Scholarship Fund.
26. \$1,000.00 from James E. Townsend for the Presidents Club Special Fund.
27. \$1,000.00 from Mrs. James E. Townsend (Patricia Gibson Townsend) for the Presidents Club Special Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$107,764.46

C. Gift-in-Kind

1. A Remmey Kiln from AC Spark Plug Division, General Motors Corporation for the Department of Ceramic Engineering.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the acceptance of the foregoing grants and gifts 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 March, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	411	\$ 37,358.14
Individuals other than alumni	87	21,712.71
Nonprofit organizations	57	109,188.45
Business concerns	<u>27</u>	<u>47,018.70</u>
	582	\$215,278.00

Of these gifts, 122 totaling \$985.00 were undesignated and 460 totaling \$214,293.00 were designated.

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May 8, 1969 meeting, Board of Trustees

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 estimate of cost for the following project be approved by the Board of Trustees:

A. Ohio Stadium Repairs

This project provides repairs and maintenance work to the concrete structure of "C" Deck with additional provisions for better drainage to reduce the rate of deterioration of the concrete.

Funds for this project have been provided by a transfer from Budget Account 999000 Athletic Revenue Fund to Budget Account 801205 Ohio Stadium Repairs.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, 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.

* * *

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. Dentistry Building - Compressed Air Piping

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(5 bids received 4-22-69)		
National Corporation (Columbus, Ohio)	\$17,200.00	\$27,145.00

Funds for this project have been provided from Budget Account 129210 (Dentistry Improvements).

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

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May 8, 1969 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- No. 11 Approves the transfer and release of \$3,804.53 from Item 315-016 Medical Complex to Item 315-054 Dodd Hall Addition to complete the funding of the dewatering well for this project.
- No. 12 Approves 10-day advertising for the project "Telephone Exchange - Expansion of Service."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Marion Campus - Unico Heights Land Company Easement

The Unico Heights Land Company has requested an easement for a sanitary sewer line across State of Ohio lands that have been designated for the use of The Ohio State University, Marion Branch. The sanitary sewer will provide sewage facilities for a subdivision to be built adjacent to the Marion Campus.

The Ohio State University, by cooperating with the Unico Heights Land Company, will facilitate the orderly development of a residential community adjacent to the Marion Campus. Further, the developer is planning a connecting street from County Road 169 to State Route 95 (the only entrance to the campus).

President Fawcett recommended that the sanitary sewer easement be granted to Unico Heights Land Company. It was further recommended 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 sanitary sewer easement.

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

B. Ohio Stadium Repairs - Employment of Engineers

President Fawcett recommended that the engineering firm of Korda and Associates, Ltd., be employed to provide engineering services to cover design, writing of specifications and inspection on the following repair work at the Ohio Stadium:

1. Remove existing expansion joint material from majority of C Deck and replace with neoprene compression seals. Also replace seals at other specified locations.

May 8, 1969 meeting, Board of Trustees

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

B. Ohio Stadium Repairs - Employment of Engineers (continued)

2. Remove slab at top of C Deck and replace with new slab. Add new steel beam in conjunction with this work.
3. Provide roof drains and downspouts for new slab of Item 2 and also drainage pipe at other locations.
4. Patching of spalled or cracked concrete on C Deck only.
5. Cleaning and painting of structural steel on C Deck only.

The fee for this service will be calculated on the basis of 10 per cent of the construction cost. Funds for the project have been provided by a transfer from Budget Account 999000 Athletic Revenue Fund to Budget Account 801205 Ohio Stadium Repairs.

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

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Fleetwood Raymond Koutz, Professor of Veterinary Parasitology. 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. Fleetwood Raymond Koutz

The Board of Trustees expresses its sorrow at the death on April 6, 1969, of Dr. Fleetwood Raymond Koutz, Professor of Veterinary Parasitology.

Dr. Koutz was born in Baltimore, Maryland, on April 3, 1905. He received his B. S. and D. V. M. degrees from the State College of Washington in 1936, graduating with highest honors, and his M. Sc. degree in Veterinary Parasitology at The Ohio State University in 1940. He served for a year as an Assistant Professor at the University of Maryland and was also a member of the University of Maryland's Livestock Sanitary Association during that time. He served with the United States Bureau of Animal Industry and in 1939 became an Assistant Professor at The Ohio State University. During World War II, he was called into active service as a Captain in the United States Army Veterinary Corps on February 13, 1943. As a Major, he served in

May 8, 1969 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Fleetwood Raymond Koutz (continued)

the China-Burma Theater as a liaison officer to the Chinese Army. He was discharged in November 1945 and returned to The Ohio State University, where he was Professor in and Chairman of the Department of Veterinary Parasitology with thirty years of service.

Dr. Koutz was a member of Alpha Psi, professional veterinary fraternity; Society of Phi Zeta, national honorary veterinary fraternity; Phi Kappa Phi, honorary scholarship society; Phi Sigma, honorary zoology society; and Sigma Xi, national research honor society. He was a member of the American, the Ohio State, and Fifth District Veterinary Medical Association; the United States Livestock Sanitary Association; the World Association for the Advancement of Veterinary Medicine; and the Conference of Research Workers in Animal Diseases. He was a Past President of the American Association of Veterinary Parasitologists.

Professor Koutz was Scout Master of Troop 252, American Boy Scouts at Trinity Methodist Church; President of the Grandview Heights Board of Health; and an usher at First Community Church. He was a member of the American Legion Post No. 310 at The Ohio State University. He published more than 100 technical articles in scientific journals and prepared, in addition, three laboratory manuals and a booklet on parasitology. His dedication as a teacher was carried over into his contact with, and guidance to youthful members of the Boy Scouts of America, an activity that was extremely important to his interests.

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

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X. REPORT

A. Report on the University's Investment Portfolio

The report dated May 7, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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May 8, 1969 meeting, Board of Trustees

XI. RETIREMENT OF JOHN W. BRICKER

A motion was made by Mr. Jones and seconded by Mr. Shocknessy expressing the gratitude of the Board of Trustees for Mr. Bricker's twenty-one years of distinguished service including this past year as Chairman of the Board.

President Fawcett stated that before a vote was taken on this motion he wished to say something even though he was not a member of the Board. He said,

It happens that thirteen years ago next month I was summoned to sit down with seven men to talk about the presidency of The Ohio State University. These seven men in my view were frightening characters. If I were to reflect over the names you would understand why. There is only one of those people here today--Senator Bricker. I knew Senator Bricker, but I did not know him the way I have gotten to know him in the past thirteen years. Some reflections of mine, while in a state of semi-darkness, caused me to recall an experience of a long time ago in 1938. I walked into the office of the Superintendent of Schools where I had just been employed in Defiance, Ohio, and on the counter was a big carton of books--a whole set of encyclopedias. I made inquiry about where they came from and somebody said 'Well, you know Governor Bricker gave the commencement address and would accept no honorarium but instructed us to take the money we would have used for that to buy books for our library.' While I did not know Senator Bricker at that time other than having read his name in the newspaper many times, I thought there couldn't be anything wrong with a man that would do something like that. These past 13 years have given me an insight into Mr. Bricker as the man, the American, the alumnus and the son of this institution. I must say that even though he may have taken a position on an issue here and there that everybody did not agree with, nobody ever guessed about where Mr. Bricker stood and this is a part of our American system. His dedication to this University has never been questioned. His sincerity in trying to achieve solutions to problems in the best interest of the University has been above reproach. His loyalty to this institution, I think, should well stand as a symbol to others who follow. His unselfish contribution in the line of service even at his own expense as all of you know, I think sets a mark to be followed by those who follow as we approach a new 100 years for this institution. There is never any way for a staff who worked for a governing board to express appropriately its thanks and appreciation for services of this kind, and I suppose there is really never any honest way for the governing board itself to say thank you to a man who has given such service. So without any consultation with anybody, I took it upon myself to have a little citation made and with your permission I am going to have him stand up here if he will and present the following plaque to him. Senator Bricker, it is with great pride and joy that I am able to provide a little recognition to you. I will read the citation that has been prepared:

XI. RETIREMENT OF JOHN W. BRICKER (continued)

In recognition of twenty-one years of
dedicated and distinguished service
to the University
as a member of the Board of Trustees
The Ohio State University
conveys its appreciation and good wishes to
John W. Bricker
a loyal alumnus of the University



Presented at Columbus, Ohio
on the eighth day of May
in the year of our Lord, 1969
and the 100th year of the University

Noice H. Lawrence
President of the University

James J. [Signature]
Secretary of the Board of Trustees

May 8, 1969 meeting, Board of Trustees

XI. RETIREMENT OF JOHN W. BRICKER (continued)

In response, Mr. Bricker reminisced on his association with President Fawcett and expressed his appreciation to his colleagues as well as the University administrators with whom he had worked during his twenty-one years of service.

Mr. Shocknessy added that "We don't have to vote on the motion--it is un-animously adopted."

Mr. Shocknessy then asked that recognition for Mr. Bricker's more than fifty years of association with the University also be noted and requested that the 1919 May Queen (Mrs. Bricker) be included in the resolution.

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Thereupon the Board adjourned to meet Thursday, June 12, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

Page 570 Blank

APPENDIX VII

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09)

Page 572 Blank

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00, Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09)

OFFICE OF THE ATTORNEY GENERAL
STATE OF OHIO
COLUMBUS 43215

PAUL W. BROWN
ATTORNEY GENERAL

CHARLES S. LOPEMAN
FIRST ASSISTANT ATTORNEY GENERAL

SHELBY V. HUTCHINS
CHIEF COUNSEL



MAY 2 1969

OPINION NO. 65-022

The Board of Trustees
The Ohio State University
190 North Oval Drive
Columbus, Ohio 43210

Gentlemen:

I have before me your request for my opinion, forwarded through Mr. Edward Q. Moulton, Secretary of the Board, regarding the proposed Rules for the University Faculty -- 55.00. Open Housing. You have enclosed with your request a copy of these proposed rules. For reference purposes and since my opinion is requested with respect to such rules, I am attaching a copy of the proposed rules to this Opinion as an Appendix.

Your request for my opinion contains three questions:

(1) "whether the Board has the requisite authority to adopt the enclosed rules," (2) "whether said rules are within the legal parameters of existing State and Federal Laws and" (3) "whether the University Board of Trustees has the authority under the Constitution and Laws of the State to supplement the authority given in the Ohio Civil Rights Act."

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

The Ohio State University, originally named the Ohio Agricultural and Mechanical College, was created by the Legislature through an act passed on March 22, 1870. 67 Ohio Laws, 20. The pertinent provisions of this act relating to the powers of the Board of Trustees are as follows:

* * * * *

"Sec. 2. The government of said college shall be vested in a board of trustees, * * *

* * * * *

"Sec. 5. The board of trustees shall have power to adopt by-laws, rules and regulations for the government of said college,* * *

* * * * *

The powers originally granted to the Board of Trustees have remained undiminished since the inception of the University. Sections 3335.02 and 3335.08, Revised Code, provide, respectively, that "[t]he government of the Ohio state university shall be vested in a board of nine trustees, * * *" and that "[t]he board of trustees of the Ohio state university may adopt bylaws, rules, and regulations for the government of the university."

In Pyeatte v. Board of Regents of University of Oklahoma, et al., 102 F. Supp. 407 (1951), affirmed per curiam 342 U.S. 396, in sustaining a resolution of the Board of Regents of the University of Oklahoma requiring that all undergraduate students of that University, with certain exceptions, be required to live in university-

operated housing, the Court had occasion to consider an Oklahoma statute much like Section 3335.08, supra. At 102 F. Supp. 413, the Court stated:

"* * * The term 'government' is very broad and necessarily includes the power to pass all rules and regulations which the Board of Regents considers to be for the benefit of the health, welfare, morals and education of the students, so long as such rules are not expressly or impliedly prohibited. Rheam v. Board of Regents of University of Oklahoma, 161 Okl. 268, 18 P. 2d 535.

* * * * *"

The powers of the Board of Trustees of The Ohio State University are no less broad than the powers of the board involved in the Pyeatte case, supra. As the Court stated in that case, at 102 F. Supp. 415:

"The state has a decided interest in the education, wellbeing, morals, health, safety and convenience of its youth."

In another case, which has bearing on the issues considered in this Opinion, it was recognized that the governing body of a state university "can validly impose a wide variety of regulations." Sigma Chi Fraternity v. Regents of the University of Colorado, 258 F. Supp. 515 (1966), at 526. In that case, a social fraternity was placed on probation, with loss of rushing and pledging privileges, because the national fraternity with which it was affiliated had suspended a Chapter on a different campus for

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

pledging a Negro student. The Court in the Sigma Chi case, supra, upheld the action of the Regents of the University of Colorado in placing the local Chapter of the fraternity on probation.

The Court stressed the point that the interest of the Regents that was being advanced was not invalid and stated, at page 527:

"Indeed, the Supreme Court of the United States has in recent years recognized the importance of elimination of racial discrimination in educational institutions."

Based upon the lines of authority represented by Pyeatte, supra, and Sigma Chi, supra, it seems clear that the governing body of a state university has a valid and continuing interest in the issues of housing facilities for students and non-discrimination with respect to students. It follows that the Board of Trustees of The Ohio State University, under its specific rule-making authority (Section 3335.08, Revised Code), has the power and authority to adopt and promulgate rules advancing its interest in these issues, with accompanying sanctions to be imposed against students who do not abide by such rules. See also, in this respect only, State, ex rel. Weaver v. Board of Trustees of Ohio State University, 126 Ohio St. 290 (1933).

Having arrived at the conclusion that it is within the authority of the Board to enact rules to advance the Board's substantial interest in housing facilities and non-discrimination and in order to answer your question, i.e., "authority to adopt the enclosed" Rules (See Appendix), it is necessary to determine

the tests to be applied. The Weaver case, supra, referred to rules which are "reasonable" and "not arbitrary." The Court in the Sigma Chi case, supra, refers to action which is not "an excessive use of power." Perhaps the most explicit statement of the test was made by the Court in the Pyeatte case, supra, at page 415:

"If there is any state of facts which tends to support the regulatory measures and such measures are not clearly unreasonable or arbitrary, then the * * * regulation will be upheld as being constitutional."

The answer to your question, based upon the foregoing, lies in the application of the above tests to the proposed rules. If the Board of Trustees determines that the proposed rules will advance the interests of the Board in housing facilities and non-discrimination with respect to students at the University and, in view of the degree of gravity and extent of the problem based upon their factual knowledge or factual knowledge available to them, determines that the proposed rules are reasonable and not arbitrary in dealing with the problem, then the Board has the requisite authority to adopt the proposed rules (as set out in the Appendix).

Although you have not asked my opinion regarding the application of the proposed rules, I feel compelled to add a caveat in respect to the application at this point. The proposed rules, with respect to its application to students provides only that (See 55.02. f., Appendix):

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00, Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

"Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules."

The most recent and governing court decisions on the rights of students whose right to remain in school is questioned have recognized the applicability of constitutional due process. The leading case in this area is St. John Dixon, et al. v. Alabama State Board of Education, et al., 294 F. 2d, 150 (1961). Since it is now recognized that students are entitled to the constitutional guarantee of due process, and since the above quoted portion of the proposed rules do not specify the steps necessary to protect that substantial guarantee, the Board of Trustees should consider the procedures to be followed to insure that this fundamental right of students guaranteed by both the United States and Ohio Constitutions is adequately protected.

The rules appear to me to be extremely broad. Certainly the proposed rules are so much broader than the problem they seek to cure that I foresee difficulties in administration. These difficulties may lead to disappointment of the proponents of the rules when they later evaluate its results as opposed to their expectations.

The answer to your second question regarding whether or not the proposed rules are within the parameters of existing State and Federal laws presents a paradox in the present state of the law. Section 55.02 (a)(1) of the proposed rule (see Appendix) reads as follows:

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

"No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents."

Section 4112.01, Revised Code, which is part of the Ohio Civil Rights Act, provides in pertinent part as follows:

* * * * * * * * *

"(J) 'Housing accommodations' includes any building or structure or portion thereof which is used or occupied or is intended, arranged, or designed to be used or occupied as the home residence or sleeping place of one or more individuals, groups, or families whether or not living independently of each other; and any vacant land offered for sale or leased for commercial housing.

"(K) 'Commercial housing' means housing accommodations held or offered for sale or rent by a real estate broker, salesman, or agent, or by any other person pursuant to authorization of the owner, by the owner himself, or by legal representatives, but does not include any personal residence offered for sale or rent by the owner or by his broker, salesman, agent, or employee.

"(L) 'Personal residence' means a building or structure containing living quarters occupied or intended to be occupied by no more than two individuals, two groups, or two families living independently of each other and occupied by the owner thereof as a bona fide residence for himself and any members of his family forming his household. If a personal residence is vacated by the owner it shall continue to be considered owner-occupied until occupied by someone other than the owner or until sold by the owner, whichever occurs first.

* * * * * * * * *

Title 42, United States Code, Section 3603, which is part of the Federal Civil Rights Act of 1968, provides in pertinent

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

part as follows:

* * * * * * * * *

"(b) Nothing in section 3604 of this title
(other than subsection (c) shall apply to -

"(1) any single-family house sold or rented
by an owner: Provided, That such private in-
dividual owner does not own more than three such
single-family houses at any one time: Provided
further, That in the case of the sale of any such
single-family house by a private individual owner
not residing in such house at the time of such
sale or who was not the most recent resident of
such house prior to such sale, the exemption
granted by this subsection shall apply only with
respect to one such sale within any twenty-four
month period: Provided further, That such bona
fide private individual owner does not own any
interest in, or is there owned or reserved on his
behalf, under any express or voluntary agreement,
title to or any right to all or a portion of the
proceeds from the sale or rental of, more than
three such single-family houses at any one time:
Provided further, That after December 31, 1969,
the sale or rental of any such single-family
house shall be excepted from the application of
this sub-chapter only if such house is sold or
rented (A) without the use in any manner of the
sales or rental facilities or the sales or
rental services of any real estate broker, agent,
or salesman, or of such facilities or services
of any person in the business of selling or rent-
ing dwellings, or of any employee or agent of
any such broker, agent, salesman, or person and
(B) without the publication, posting or mailing,
after notice, of any advertisement or written
notice in violation of section 3604 (c) of this
title; but nothing in this proviso shall prohibit
the use of attorneys, escrow agents, abstractors,
title companies, and other such professional as-
sistance as necessary to perfect or transfer the
title, or

"(2) rooms or units in dwellings containing
living quarters occupied or intended to be occu-
pied by no more than four families living inde-
pendently of each other, if the owner actually
maintains and occupies one of such living quarters
as his residence.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

"(c) For the purposes of subsection (b) of this section, a person shall be deemed to be in the business of selling or renting dwellings if -

"(1) he has, within the preceding twelve months, participated as principal in three or more transactions involving the sale or rental of any dwelling or any interest therein, or

"(2) he has, within the preceding twelve months, participated as agent, other than in the sale of his own personal residence in providing sales or rental facilities or sales or rental services in two or more transactions involving the sale or rental of any dwelling or any interest therein, or

"(3) he is the owner of any dwelling designed or intended for occupancy by, or occupied by, five or more families."

It should be noted that the word "family," as used in the foregoing Federal statute, is defined by Section 3602(c) thereof to include a single individual.

As is evident, both the Federal and State statutes relating to fair housing exempt certain partially owner-occupied premises from their respective operations under stated conditions. The proposed rule, in effect, does not, and in that sense is outside the parameters of the statutes in question.

In 1968, however, the Supreme Court of the United States decided the case of Jones v. Mayer Co., 392 U.S. 409; 20 L. Ed. 2d, 1189. The case arose as a result of the refusal of the Mayer Co. to sell a home to petitioner Jones for the sole reason that petitioner Jones was a Negro. The Court, in deciding in favor of petitioner Jones, grounded its decision on an 1866 statute, 42 U.S.C., Sec. 1982, which reads as follows:

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

"All citizens of the United States shall have the same right, in every State and Territory, as is enjoyed by white citizens thereof to inherit, purchase, lease, sell, hold, and convey real and personal property."

(Emphasis supplied)

The Court went to great lengths to point out that Section 1982, supra, was not a comprehensive "open housing" law and distinguished its operation from the recently enacted Civil Rights Act of 1968, supra, on the grounds that Section 1982, supra, dealt only with racial discrimination and not with discrimination on the grounds of religion or national origin. In addition, the Court pointed out that it did not deal "specifically" with discrimination in connection with the sale or rental of a dwelling. The Court did hold, however, at 20 L. Ed. 2d, 1192, as follows:

"We hold that §1982 bars all racial discrimination, private as well as public, in the sale or rental of property, and that the statute, thus construed, is a valid exercise of the power of Congress to enforce the Thirteenth Amendment."

(Emphasis by the Court)

Thus the paradox in answer to your second question. The proposed rule is beyond the parameters of Federal and State laws insofar as it treats discrimination on the basis of religion or national origin regarding certain owner-occupied dwellings, but within the parameters of Federal (and necessarily State) law insofar as it treats discrimination on the basis of race.

In addition to the paradox raised by your second question, I have serious concern over the application of the proposed rule

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

to homeowners in the University area who are subject to its application. These citizens, like the students, are entitled to the full measure of protection of the constitutional guarantees of due process. The proposed rule contemplates charges brought by University officials or students to be investigated by the Special Assistant for Student Affairs, using student investigators, with charges, if any, being brought before a Panel consisting of six faculty members and five students. (See 55.03. and 55.04. Appendix).

It may be that such a procedure and such a Panel will not result in the protection of the fundamental rights of a homeowner against whom a complaint is lodged. No court has directly ruled on the issue with respect to a rule such as that proposed, however. I am constrained to point out that the State of Ohio, through its legislative branch, has established a Civil Rights Commission (Section 4112.03, Revised Code), with more than ample power and authority to carry out the investigative and hearing functions contemplated by the rule. There is little question as to protection of constitutionally guaranteed rights of individuals in the operation of the Commission. It is objective and not directly related to the University in its operation. The Commission and its operation have already been recognized as constitutional, at least sub silentio, by the courts of this State. See Gegner v. Graham, 1 Ohio App. 2d, 422 (1964). Finally, the orders of the Commission are, by law, subject to judicial review. Section 4112.06, Revised Code.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

The lengths to which the State has gone to foster non-discrimination, while protecting the rights of all citizens, and the machinery established for accomplishing those aims should be considered by the Board before adopting the proposed rules, at least with respect to the methods established by such rules for investigating and hearing complaints. As previously stated, the rights of the individual homeowners subject to the proposed rule are no less important than those of the students at the University.

Your third question refers to the authority of the Board of Trustees to "supplement the authority given in the Ohio Civil Rights Act." The only "authority given" in the Ohio Civil Rights Act (Sections 4112.01 to 4112.99, Revised Code,) is given to the Ohio Civil Rights Commission (Sections 4112.04, et seq., Revised Code,) with respect to enforcing the Act, and to common pleas courts. (Section 4112.06, Revised Code,) with respect to judicial review of orders of the Commission. Since no authority is given to the Board of Trustees of The Ohio State University, as such, under the Ohio Civil Rights Act, it follows that the Board has no authority to "supplement the authority given." In addition, any such supplementation would be a matter for the General Assembly, in whom the legislative power of the State of Ohio is vested. Article II, Section 1, Constitution of Ohio.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

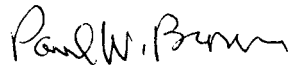
Accordingly, it is my opinion and you are hereby advised:

1. The Board of Trustees of The Ohio State University has the requisite authority to adopt the proposed Rules for the University Faculty -- 55.00. Open Housing, a copy of which is attached to this Opinion as an Appendix, upon a determination by the Board that such rules reasonably and not arbitrarily advance the Board's valid interests in housing facilities and non-discrimination with respect to the students at the University.

2. The proposed rules are outside the legal parameters of State and Federal laws with respect to certain owner-occupied dwellings insofar as the proposed rules treat discrimination based on religion or national origin, but within such parameters insofar as they treat discrimination based on race.

3. The Board of Trustees of The Ohio State University, as such, does not have authority to supplement authority given in the Ohio Civil Rights Act.

Respectfully,



PAUL W. BROWN
Attorney General

APPENDIX

55.00. Open Housing

55.01. The Open Housing Policy.

It is the policy of The Ohio State University that rental housing be available to all of the University's students on equal terms without regard to race, religion, color, or national origin.

55.02. The Open Housing Rule.

- a. (1) No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.
- b. (1) If a student becomes a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list without knowledge of that fact he shall not continue his residence therein for more than thirty days after he received notice to vacate from the Office of the Vice President for Student Affairs unless he is bound by a lease for a longer time, in which case he shall not continue his residence therein beyond the term required by such lease. The prohibition of this subsection does not apply to a student who resides in the premises at the time of the finding of discrimination, and who remains in the same unit.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, he shall be liable to recorded probation or suspension.
- c. (1) No student shall enter into any arrangement to become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

55.02. The Open Housing Rule. (continued)

- d. The discriminatory housing list shall consist of those premises which the Open Housing Panel has ordered to be placed on such list for the periods prescribed pursuant to Rule 55.06.
- e. A student is a person who is registered for course credit toward a University degree or who is seeking housing in preparation for registration and candidacy.
- f. Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules.

55.03. The Open Housing Panel.

The Open Housing Panel shall consist of:

Six faculty members selected by vote of the Faculty Council, at least one of whom shall be a member of the Faculty Council;

Three undergraduate student members selected by vote of the Student Assembly;

One graduate student member selected by vote of the Council of Graduate Students;

One professional student member selected by vote of the Professional College Council.

Faculty members of the Open Housing Panel shall be designated for a term of two years. The initial Panel shall decide by lot which three faculty members shall serve for a one-year term so that three positions will become vacant each year. Student members of the Panel shall serve for a term of one year. Faculty and student members may serve successive terms.

Vacancies shall be filled in the same manner that the position which has become vacant was filled; those appointed to fill vacancies shall serve out the term of the member they are replacing.

The Open Housing Panel shall elect its own chairman and such other officers as the members deem appropriate. The Panel shall keep a record of each case consisting of a brief description of the facts, the decision (including any concurring or dissenting opinion), and the vote of each member. These case records shall be filed with the Vice President for Student Affairs, who shall maintain them, and make them available to the Panel, parties, and the public at reasonable times in accordance with a published schedule.

The Open Housing Panel shall adopt its own rules of procedure not inconsistent with these provisions.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

55.04. Complaints.

- a. Any student, the Vice President for Student Affairs, or the Director of Housing may lodge a complaint that an owner, landlord or the authorized agent of either has discriminated in the rental of housing to students on the grounds of race, religion, color or national origin with the Office of the Special Assistant for Student Affairs within six months of the alleged act of discrimination.
- b. The complaint shall contain a statement of the acts alleged to constitute the discrimination.
- c. The Special Assistant shall use student investigators for the purpose of determining whether owners, landlords, or their authorized agents discriminate on the grounds of race, religion, color, or national origin in the rental of housing.

55.05. The Hearing.

- a. Upon receipt of a complaint, the Special Assistant shall:
 - (1) Request the Open Housing Panel to convene a public hearing to determine whether the named owner, landlord, or an agent of either, discriminated against the University's students in the rental of housing on the basis of race, religion, color, or national origin.
 - (2) Serve by registered mail upon the landlord, owner, or authorized agent in charge of the premises a copy of the complaint and of this rule.
- b. The Special Assistant or the complainant may present evidence material to a determination of the charges and cross-examine witnesses, with or without the aid of counsel, at a hearing convened for the purpose by the Panel.
- c. The Open Housing Panel shall, on the written request of the Special Assistant, conduct a public hearing no earlier than ten days after the making of the complaint and its notice of hearing to the Special Assistant, the complainant, and the party charged with discrimination, who shall be advised of his right to appear, to be represented by counsel, to present witnesses, and to cross-examine witnesses who testify.

55.06. Findings.

After considering only the evidence admitted at the hearing, the Open Housing Panel shall determine whether the owner, landlord, or the authorized agent of either of them has refused to rent on equal terms without regard to race, religion, color, or national origin to all of the University's students. A refusal to rent shall include those situations where the owner, landlord, or authorized agent

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

55.06. Findings. (continued)

refuses to rent premises to a student who is gathering evidence to determine whether the owner, landlord, or authorized agent discriminates within the meaning of this rule.

If the Open Housing Panel finds by a preponderance of the evidence that there has been such a discriminatory refusal to rent, it shall enter a determination that the premises be placed on the discriminatory housing list.

Any premises placed on the discriminatory housing list shall remain on the list for the period prescribed by the Open Housing Panel, but it shall not be less than one year nor more than three years. However, in extreme circumstances, the Panel may prescribe a period of less than one year provided that its reasons are included in the record provided for in Rule 55.03. No premises shall be removed from the discriminatory housing list until: (a) the period prescribed by the Open Housing Panel has ended, (b) a written pledge of compliance with this rule has been received from the landlord or owner of the premises, and (c) with reference to premises which are rented through an agent, (i) the owner or landlord has given the agent written instructions to comply with this rule, (ii) has submitted a copy of said instructions to the Open Housing Panel, (iii) has received the Open Housing Panel's approval of such instructions, and (iv) has pledged in writing to give such approved written instructions to all future agents.

If the Panel finds that the landlord or owner has breached a pledge previously given under this section the premises shall be placed on the discriminatory housing list for a period of not less than three years.

55.07. The Discriminatory Housing List.*

The Vice President for Student Affairs, upon receipt of a decision of discrimination by the Open Housing Panel shall, after the ten-day period for taking an appeal or after determination upon appeal, place the premises wherein the discrimination took place on the discriminatory housing list. He shall also notify the owner or landlord of the premises that none of the University's students will be permitted to become residents of or make any arrangement to become a resident of the building for the period of time determined by the Open Housing Panel.

Any owner or landlord, or authorized agent who knowingly rents or enters into any arrangement to rent housing to a student in premises which he has been notified are on the discriminatory housing list shall, after a hearing establishing this fact, have the term of listing extended for three additional years. A complaint of violation of this section shall be processed in accordance with Rules 55.04 and 55.05.

*Rule amended, see page 543.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

55.08. Notice.

The discriminatory housing list, divided by geographical area, shall be published periodically in the Lantern, and shall be included in the registration materials of every student together with a copy of this rule.

A copy of this rule shall be conspicuously published in a newspaper of general circulation at least five times during the month preceding the commencement of each quarter. A copy of this rule shall also be sent or delivered to each landlord who is known to the University to have student tenants in Franklin County.

The Lantern shall not accept or print any advertisement for rental of any building on the discriminatory housing list.

55.09. Appeals.*

Appeals from decisions of the Open Housing Panel shall be taken in writing within ten days to a three-member Housing Appeals Panel hereby created, consisting of one student member, one faculty member and one administrative member, each of whom shall be appointed annually by the President in keeping with the duly constituted authority for student affairs as delegated by the Board to the President.

The Housing Appeals Panel shall elect its own chairman, establish rules of procedure for such appellate hearing and make determination in such appeals.

*Rule added, see page 543.

APPENDIX VIII

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 7, 1969

Page 592 Blank

The Recipients of Honors

SPIRO T. AGNEW

Doctor of Laws

Talented lawyer, enlightened public servant, administrator and statesman to whose high office his efficiency and integrity are of universal importance

The attributes and accomplishments of Spiro T. Agnew, the thirty-ninth Vice President of the United States, combine to make him an eminent symbol of the American saga.

The son of a Greek immigrant father, he was born in Baltimore, Maryland, and is a product of that city's public schools. He attended The Johns Hopkins University and the University of Baltimore, where he received his Bachelor of Laws degree and taught night classes in law for seven years prior to becoming Governor of the State. He holds honorary Doctor of Laws degrees from Morgan State College and the University of Maryland. A World War II Army Company Commander, he served again during the Korean War.

Upon returning to law practice, he became active in civic affairs and, as Chairman of the Baltimore County Board of Appeals and a Director of The National Association of Counties, built an enviable record in reorganizing the Police Bureau, instigating school improvements, and in strengthening the ties between state and local governments. He gained the commendation of both labor and management by his skill in helping to settle or prevent several crippling strikes.

His service as Governor of Maryland was marked by an emphasis on professionalism and the development of new programs to resolve urban and metropolitan problems. His enlightened policies brought about such fiscal reform as a graduated tax rate, and the introduction of tax credits for the elderly, state aid for local law enforcement agencies, kindergartens, and a special grant to inner-city schools.

Governor Agnew's administration was predicated upon thorough study and intelligent analysis aimed at efficiency, economy, and comprehensive concern in State government. New measures in law enforcement and prison reform were developed, the State's first community mental health and child day-care centers were financed, a state-wide highway safety program was instituted, Maryland's public accommodation statutes were extended, and programs were enacted to help control and prevent air and water pollution. Singular accomplishments were the sponsorship of the first state-wide Fair Housing Bill enacted south of the Mason-Dixon Line, and promulgation of a Governor's Code of Fair Employment Practices outlawing discrimination in State service and in any firm doing business with the State.

Wide recognition of his executive ability is, in part, reflected by his top position and expert performance in such groups as the National Governors' Conference, and in his appointment by President Johnson to the Advisory Commission on Intergovernmental Relations.

This University is proud to honor a distinguished American whose exemplary record is testimony of personal commitment to honorable, intelligent, able public service.

BOB HOPE

Doctor of Humane Letters

A distinguished American who has done much to lift the human spirit by his witty illumination of life and his generous involvement with mankind

The philosophy and unselfish direction of Bob Hope's energies and talents make him one of America's most widely influential symbols of humanitarianism. Born Leslie Townes Hope, in Eltham, England, he came to the United States at four years of age and became a citizen of this country by virtue of his father's naturalization. Mr. Hope's long and prominent professional career includes multitudes of stage, movie and television performances, recording successes, and the authorship of articles and books. While notable for range and durability, his achievement is uniquely valuable in making him a one-man bridge between the generations and an expression of perceptive involvement with his fellow men.

He reveals himself to be a contemporary philosopher whose rapier wit strikes telling blows at the entire range of folly which distinguishes our species. He good-humoredly pinpoints stupidity, pomposity, hypocrisy, and other widely-assorted ills—regardless of who their perpetrators may be. Personalities and events, great and small, are made subject to incisive, illuminating consideration—designed in humorous format and delivered with grace and style. He saves himself as target for some of the sharpest satire.

Each performance is ruled by a high standard of values, marked by good taste, and reveals profound understanding of and deep sympathy for the human condition. Virtually all are a demanding exercise of critical analysis, expressed by a skilled rhetorician.

Shakespeare's claim that "all the world's a stage" is accepted as dictum by this artist. His contributions throughout three wars account for well over a million miles of travel and unstinting entertainment for far more than ten million troops in virtually every military base in the United States and overseas. At many he has become an annual morale-booster. Even when infrequent illness has kept him at home, nearby veterans hospitals have been treated to holiday visits. Public appreciation of such unswerving devotion is poignantly expressed by a recent greeting card message which reads: "We wish the world the kind of Christmas on which Bob Hope may stay home."

He has been the recipient of nearly eight hundred awards and citations for professional talent and for varied, extensive charitable efforts. Such recognition includes the highest honors which the movie industry, the International Radio and Television Society, and the National Association of Broadcasters can bestow; as well as command performances for Britain's Royal Family, university honorary degrees, the United States Government Medal of Merit, and the Congressional Gold Medal.

The Ohio State University is privileged to honor a man whose largeness of spirit and responsible participation in life are of incalculable benefit—one whose individual contribution, by invoking hearty laughter, gains an extra dimension.

AMORY HOUGHTON

Doctor of Laws

Man of vision and devotion to his fellow men through his efforts as industrialist, diplomat, and public servant

Amory Houghton, presently honorary chairman of the board of the Corning Glass Works and a member of the company's executive committee, has served successively as president, board chairman, and chairman of the executive committee. During and after World War II he served on a number of governmental and national committees, and from 1957 to 1961 he represented the United States as Ambassador to France. Currently Mr. Houghton serves as a director of four other corporations and is actively associated with four educational institutions.

He has devoted his entire business career to the operations of the Corning Glass Works, an acknowledged world leader in the development and manufacturing of specialty glass products. Under his leadership, his company's sales increased thirty-two-fold and employment expanded ten times. This outstanding progress was largely due to his progressive and imaginative willingness to underwrite extensive research programs and to support them through the often discouraging and difficult developmental stages.

Mr. Houghton's sensitivity to employee relations is reflected in a strike-free record dating back to the turn of the century. His faith in the fruits of basic research and cooperative approaches has resulted in the formation of such outstanding and jointly controlled subsidiaries as the Pittsburgh Corning Corporation, Owens Corning Fiberglass Corporation, and the Dow Corning Corporation.

Mr. Houghton has also devoted his time and energies successfully to many public and national activities. At the outbreak of World War II he went to Washington as a "dollar-a-year man" to serve as Deputy Chief of the Bureau of Industry of the Office of Production Management, followed by two successive appointments to key positions on the War Production Board. He later served as Deputy Chief of the U.S. Mission for Economic Affairs in London. Later he was recalled to governmental service as United States Ambassador to France.

Mr. Houghton has been active in community affairs and initiated the formation and construction of the Corning Glass Center, a world-wide recognized center for the displays and libraries pertaining to the history, art, and science of glass-making. He has given tangible support to foundations for community programs directed to education, public health and welfare, and to the creation of the Corning Community College as a part of the State University of New York.

The Ohio State University is privileged to honor this distinguished leader for his creative role in industry, his dedication in public service, and for his many contributions to human progress.

Graduate School

Dean: Richard Armitage, Ph.D.

Doctor of Philosophy

One hundred and forty-nine candidates

Marvin Harless Agee, Blacksburg, Va.
B.S. in I.E., M.S. in I.E. (Virginia Polytechnic Institute)
Dissertation: An Economic Investigation of Machining Systems
Field of Specialization: Industrial Engineering

Rodolfo Ernesto Alemán-Ramírez, Columbus
B.S., M.S. (University of Arkansas)
Dissertation: Partial Characterization of Water Soluble Organic Components Contributing to Subsidence of Organic Soils
Field of Specialization: Agronomy

Dennis Clair Alexander, Honolulu, Hawaii
B.A. (Linfield College); M.A. (University of Hawaii)
Dissertation: Effects of Perceived Source Credibility, Ego-Involvement, and Initial Attitude on Students' Images of the Black Student Union
Field of Specialization: Speech

Norman Lee Asper, Indialantic, Fla.
B.S. Ed., M.A. Ed. (Ball State University)
Dissertation: The Relative Contributions of Overt and Covert Activity to the Learning of a Praxiological Concept
Field of Specialization: Education

John Badekas, Athens, Greece
Agron. and Survey Eng. (National Technical University of Athens); M.S.
Dissertation: Establishment of an Ideal World Geodetic System
Field of Specialization: Geodetic Science

Constantine A. Balanis, Williamsburg, Va.
B.S. (E.E.) (Virginia Polytechnic Institute); M.E.E. (University of Virginia)
Dissertation: Radiation from Slots on Cylindrical Bodies Using Geometrical Theory of Diffraction and Creeping Wave Theory
Field of Specialization: Electrical Engineering

Gordon Otto Besch, Oak Lawn, Ill.
B.S. (Wisconsin State University, LaCrosse); M.Ed. (Harvard University)
Dissertation: The Evolution of Some Major Concepts in Science Education
Field of Specialization: Education

Grace Curry Black, Fayetteville, N.C.
B.S.Bus., M.B.A. (University of Kansas)
Dissertation: An Analysis of Current Trends in Professional Laboratory Experiences in Business Education in Selected Colleges and Universities
Field of Specialization: Education

Jack Leo Bodden, Houston, Tex.
B.A. (Southwestern University, Texas); M.A.
Dissertation: Cognitive Complexity as a Factor in Appropriate Vocational Choice
Field of Specialization: Psychology

Thomas Allen Boehm, Hannacroix, N. Y.
B.S., M.S. (State University of New York, Albany)
Dissertation: Selected Supervisory Activities as Perceived by Pre-Service and In-Service Secondary Science Supervisors
Field of Specialization: Education

Randy George Bohn, Toledo
B.S.E.P. (University of Toledo)
Dissertation: The Thermal Conductivity of Solid Hydrogen
Field of Specialization: Physics

Donald Edward Bond, Cincinnati
B.A. (University of Dayton); M.A. in Educ. (Xavier University)
Dissertation: The Practice of Shared Time in Ohio Schools
Field of Specialization: Education

James Buchanan Boyer, Winter Garden, Fla.
B.S. (Bethune-Cookman College); M.Ed. (Florida Agricultural and Mechanical University)
Dissertation: A Study of the Cognitive Concepts Held by Pre-Service Teachers Relating to Economically and Socially Disadvantaged Learners
Field of Specialization: Education

John Robert Brannan, Columbus
B.S. in Phys.
Dissertation: Directional Correlations Between X Rays and Internal Conversion Electrons in Samarium 145, Gold 195, and Mercury 203
Field of Specialization: Physics

Herbert Eugene Brown, Columbus
B.S., M.S. (Southern Illinois University)
Dissertation: The Role of Personality and Perceived Risk in the Purchase of Branded Headache and Pain and Cold Remedies
Field of Specialization: Business Organization

Nicholas Michael Burdash, Hazelton, Pa.
B.S. (University of Scranton); M.S. (Duquesne University)
Dissertation: Detection of Antibodies to Nerve Tissues in Guinea Pigs Injected with Homologous Nerve
Field of Specialization: Microbiology

James Lee Burke, Columbus
B.S.Ed. (Capital University); M.A.
Dissertation: The Public Career of Judson Harmon
Field of Specialization: History

Rodney Alphonzo Burrows, Stuart, Fla.
B.S. (Hampton Institute); A.M. (University of Illinois)
Dissertation: Non-Judicial Determinants Involved in the Implementation of a Judicial Decision with Special Reference to the Application of the Decision in *Brown v. Board of Education* in Two Louisiana Parishes
Field of Specialization: Political Science

Orton Carmichael Butler, Memphis, Tenn.
A.B. (Oberlin College); M.A. (Clark University)
Dissertation: Microclimates of Neotoma, A Small Valley in Southern Ohio: Their Elements, Controls, and Classification
Field of Specialization: Geography

Frederick Charles Byham, Dunkirk, N. Y.
B.S. in Edu. (Edinboro State Teachers College, Pennsylvania); M.S. (Clarkson College of Technology)
Dissertation: Indirect Proof in Geometry from Euclid to the Present
Field of Specialization: Education

- Paul Cochran Caley, Columbus
B.S. in Edu., M.A.
Dissertation: An Experimental Analysis of the Differential Effects of Lecture-Discussion and Laboratory Activity on the More Complete Understanding of Technological Concepts Learned in Written Learning Materials
Field of Specialization: Education
- William Bradford Caswell, Jr., Middlebury, Vt.
A.B. (Middlebury College)
Dissertation: The Hydrogeology of Thin-Limestone Layers in East-Central Ohio
Field of Specialization: Geology
- Jerry Lee Christensen, Columbus
B.S. in Opt., M.S.
Dissertation: Response Characteristics of Single Neurons in the Visual Cortex of the Virginia Opossum
Field of Specialization: Physiological Optics
- George Ronald Christopher, Columbus
B.A. (Colgate University); M.Ed. (Kent State University)
Dissertation: The Influence of a Computer Assisted Instruction Experience upon the Attitudes of School Administrators
Field of Specialization: Education
- Marianne Calcagni Ciotti, Barre, Vt.
B.A. (University of Vermont); M.A. (Middlebury College)
Dissertation: A Conceptual Framework for Small-Group Instruction in French
Field of Specialization: Education
- Mary Ellen Clay, Freeport
B.S. (Muskingum College); M.S.
Dissertation: The Fine-Structure of the Oesophageal Diverticula in the Mosquito *Aedes triseriatus* (Say)
Field of Specialization: Zoology and Entomology
- John Patrick Collette, Red Lake Falls, Minn.
Ph.B., M.A. (University of North Dakota)
Dissertation: Disability as Crisis: An Analysis of the Marital Relationships of Disabled Breadwinners
Field of Specialization: Sociology
- Madeline Anna Cooke, Parma
B.S. in Ed.; M.A. (Mexico City College)
Dissertation: A Study of the Development of Positive Attitudes toward Native Speakers of Spanish
Field of Specialization: Education
- Robert L. Cowden, Parma
B.S.Ed. (Muskingum College); M.A.Ed. (Kent State University)
Dissertation: A Comparison of the Effectiveness of First and Third Position Approaches to Violin Instruction
Field of Specialization: Music
- John Roswell Cummings, Salem, Ore.
A.B. (Northwest Nazarene College); M.Ed. (Oregon College of Education)
Dissertation: Development of an Instrument to Measure Attitudes toward Science and the Scientist
Field of Specialization: Education
- James Clarence Darner, Adamsville
B.S., M.S.
Dissertation: A Comparison of the Autoimmunogenicity of Various Liver Cell Fractions in New Zealand White Rabbits
Field of Specialization: Microbiology
- Diane Lee DeBacy, Lancaster, N. Y.
Ed. B., Ed.M. (State University of New York, at Buffalo)
Dissertation: The Effect of Viewing Videotapes of a Selected Sport Skill Performed by Self and Others on Self-Assessment
Field of Specialization: Physical Education
- Arthur Paul De Genaro, Youngstown
B.Sc. in Educ., M. in Educ. (Kent State University)
Dissertation: Experimental Use of the Video Tape Recorder as an Evaluative Instrument and Observational Tool in the Supervision of Student Teachers of Physical Education
Field of Specialization: Physical Education
- Edvins Demuts, Grove City
B.C.E., M.S.
Dissertation: Lateral Buckling of Circular Arches Subjected to Uniform Gravity Type Loading
Field of Specialization: Civil Engineering
- Terry Lee Devine, Van Wert
B.S. (Central Michigan University); M.S.
Dissertation: A Systematic Analysis of the Exchange of Water between a Mite *Laelaps Echinidina* and the Surrounding Vapor
Field of Specialization: Nuclear Engineering
- Robert Eugene Dorrell, New Wilmington, Pa.
B.F.A. (Drake University); M.A. (Case Western Reserve University)
Dissertation: A History of the Early Hartman Theatre: 1911-1921
Field of Specialization: Theatre
- Thomas Wesley Doub, Jr., Columbus
B.Ch.E., M.S.
Dissertation: Suboptimal On-Line Control of High-Order Linear Systems
Field of Specialization: Chemical Engineering
- John William Douglas, Glenville, W. Va.
B.S.P.E., M.S. (West Virginia University)
Dissertation: An Analysis of Administrative Leadership in Physical Education Departments
Field of Specialization: Physical Education
- Joyce Bednar Ebner, Parma
B.S. (Chem.) (Bowling Green State University); M.S.
Dissertation: Synthesis of Macromolecules during Morphogenesis in *Streptomyces fradiae*
Field of Specialization: Microbiology
- Larry Craig Elbrink, Terre Haute, Ind.
B.A., M.A. (Indiana State University)
Dissertation: The Life and Works of Dr. John August Swenson, Mathematics Educator, 1880-1944
Field of Specialization: Education

- Farouk Shaaban El-Feraly, Alexandria, Egypt
B.Pharm. (Alexandria University); M.S.
Dissertation: I. The Structure and Stereochemistry of Two Antitumor Sesquiterpenes, Tulipinolide and *epi*-Tulipinolide II. The Isolation and Characterization of New Constituents from *Fyrethrum* Flowers
Field of Specialization: Pharmacy
- David Lee Erickson, Brainerd, Minn.
B.S. (University of Minnesota); M.S. (University of Idaho)
Dissertation: Attitudes about Wildlife and Preferences in Television Programs: A Communication Study
Field of Specialization: Zoology and Entomology
- Noel John Farrier, Pittsburgh, Pa.
B.S. in Chem. (Carnegie Institute of Technology); M.S. (University of Pittsburgh)
Dissertation: Synthesis, Characterization, and Aquation Reactions of Cobalt(III) Complexes Containing Monodentate Ligands
Field of Specialization: Chemistry
- Solomon Hernández Flores, Kansas City, Kan.
B.A. (Ottawa University); M.A. (University of Kansas)
Dissertation: The Nature and Effectiveness of Bilingual Education Programs for the Spanish-Speaking Child in the United States
Field of Specialization: Education
- Severne Allen Frazier, Montgomery, Ala.
B.S. in Edu. (Alabama State Teachers College); M.A.
Dissertation: A History and a Comparative Analysis of the Alabama Interscholastic Athletic Association and the National High School Athletic Association
Field of Specialization: Physical Education
- Donald Lewis Fritz, Reynoldsburg
A.B. (Capital University); B.D. (The Evangelical Lutheran Seminary); M.A.
Dissertation: The Generation Gap in Current Attitudes toward Religion
Field of Specialization: Speech
- Thomas Anthony Galantowicz, Columbus
B.E.E. (University of Detroit); M.S.
Dissertation: Backward Traveling Wave Optical Parametric Interactions
Field of Specialization: Electrical Engineering
- Dexter George Girton, Columbus
B.E.E., M.S.
Dissertation: Diffusion and Luminescence of Rare Earths in Cadmium Sulfide
Field of Specialization: Electrical Engineering
- Leonard Seymour Goldberg, Columbus
B.A. (State University College of Education, Oswego, New York); M.A.
Dissertation: Negroid-Caucasoid Differences among College Freshmen
Field of Specialization: Education
- Leo Anthony Gosser, Mansfield
B.S. (Saint Vincent College)
Dissertation: An Equilibrium and Reaction Study of the Glycylglycinate - Glyoxalate - Nickel(II) and Zinc(II) Systems
Field of Specialization: Chemistry
- Donald Anthony Guidice, Dayton
B.E.E. (Manhattan College); M.S.
Dissertation: Observations of Discrete Sources and the Galactic Spur in the 20-40 MHz Range
Field of Specialization: Electrical Engineering
- Joann Hallaway, Dalton, Ga.
B.S. in H.E., M.S. (University of Tennessee)
Dissertation: Relationships between Possession and Function of Selected Household Appliances and Eight Demographic Variables
Field of Specialization: Home Economics
- Ginger Irene Hamilton, Portsmouth
B.S.Ed. (Ohio University); M.A.
Dissertation: An Investigation of the Visual-Learning Deficit Associated with Inferotemporal Isocortical Resections in Monkeys
Field of Specialization: Psychology
- Robert Wilson Hamilton, Davenport, Ia.
B.S. (Parsons College); M.S.
Dissertation: Studies of the Rhynchophorous Families Nemonychidae, Attelabidae, and Rhynchitidae, with a Revision of North American Species of *Attelabus* Linnaeus, *Rhynchites* Schneider, and *Eugnamptus* Schoenherr (Coleoptera: Curculionidae)
Field of Specialization: Zoology and Entomology
- Dale J. Hansen, Moscow, Ida.
B.S.Ag., M.S. (University of Idaho)
Dissertation: Experimental Induction of Tropic Responses in *Trifolium Fragiferum* L. Stolons
Field of Specialization: Agronomy
- David Carlton Hardwick, Cuyahoga Falls
A.B. (Berea College); M.A.Ed. (University of Akron)
Dissertation: A Survey of Teachers' Reactions Regarding University and Public School Co-Sponsored Instructional Activities
Field of Specialization: Education
- John Kelly Harting, Cincinnati
B.A. (Ohio Wesleyan University); M.S.
Dissertation: Some Efferent Neocortical Projections in the Armadillo, *Dasypus Novemcinctus*
Field of Specialization: Anatomy
- Donald Raymond Hellison, Elmhurst, Ill.
B.A. (Monmouth College); M.A. (Kent State University)
Dissertation: The Effect of Physical Conditioning on Affective Attitudes toward the Self, the Body, and Physical Fitness
Field of Specialization: Physical Education
- Jeffrey Roy Herold, Buffalo, N. Y.
B.A. (Concordia Senior College, Fort Wayne, Indiana); M.Educ. (State University of New York, at Buffalo)
Dissertation: The American Faith in the Schools as an Agency of Progress: Promise and Fulfillment
Field of Specialization: Education
- Charles Selby Herrin, Provo, Utah
B.S., M.A. (Brigham Young University)
Dissertation: A Systematic Revision of the Genus *Hirstionysus* (Acari - Mesostigmata) of the Nearctic Region, Based on the Principles of Numerical Taxonomy
Field of Specialization: Zoology and Entomology

- Donald Robert Herring, Goliad, Tex.
B.Sc., M.A. Edu. (Texas Agricultural and Mechanical University)
Dissertation: Guidelines for Organizing and Operating Multiple Teacher Departments of Vocational Agriculture
Field of Specialization: Agricultural Education
- Konrad John Heuvers, Palo Alto, Calif.
B.S., M.S. (Stanford University)
Dissertation: Clifford Algebras, Inner Products, and Spinors
Field of Specialization: Mathematics
- Jaime Hidalgo-Ebel, Santiago, Chile
M.S.
Dissertation: Ionic Interactions between Hydrophilic Colloids and Milk Serum Proteins
Field of Specialization: Dairy Technology
- Lowell Wayne Horton, Xenia
B.S. (Rio Grande College); M.Ed. (Ohio University)
Dissertation: An Analysis of Illegibilities in the Cursive Handwriting of 1000 Selected Sixth-Grade Students
Field of Specialization: Education
- George Raymond Hunter, Herminie, Pa.
A.B. (West Virginia University)
Dissertation: Morphology and Permeability of Heart Mitochondria
Field of Specialization: Physiological Chemistry
- Ann Lavee Hussein, Philadelphia, Pa.
B.A. (University of Pennsylvania); M.A.
Dissertation: Factors Emerging from Favorableness Judgments of Basic Interview Data in Six Occupational Fields
Field of Specialization: Psychology
- Shrinivas Shankar Iyer, Indore, M. P. India
B.Sc. (Agra University); M.Sc. (Vikram University)
Dissertation: The Numerical Solution of the Space-Time Reactor Kinetics Equations Using an Alternating Direction Explicit Procedure
Field of Specialization: Nuclear Engineering
- Benjamin Franklin Jacoby, Columbus
B.S. (Case Western Reserve University); M.S.
Dissertation: A Silicon Diode Mosaic Array Vidicon Tube for X-Ray Imaging
Field of Specialization: Electrical Engineering
- *James Logan Jesse, Cincinnati
B.S. in Ed., M.Ed. (University of Cincinnati)
Dissertation: Duties, Problems, and Training Needs of Local Developers of Federally Assisted Programs
Field of Specialization: Education
- Gary Russell Johnson, Columbus
D.V.M., M.S.
Dissertation: The Effects of a Neuropathogenic Canine Herpesvirus on Non-neural and Neural Cell Cultures and Brain Explants
Field of Specialization: Veterinary Pathology
- Lois Marilyn Jones, Columbus
B.S., M.S.
Dissertation: The Application of Strontium Isotopes as Natural Tracers: The Origin of the Salts in the Lakes and Soils of Southern Victoria Land, Antarctica
Field of Specialization: Geology
- * Degree granted in cooperation with Miami University
- Evan James Kern, Kenmore, N. Y.
B.S. in Edu., M.A.
Dissertation: Three Dimensions of Experience: A Curriculum Model for Art Education
Field of Specialization: Art
- Agam Singh Khangarot, Udaipur, India
B.Sc. Ag., M.Sc. Ag. (University of Rajputana)
Dissertation: Relative Intensity of Soil Weathering of Wisconsin and Illinoian-Age Terraces near Newark, Ohio
Field of Specialization: Agronomy
- Farrell Michael Kilbane, Cleveland
B.S. (John Carroll University)
Dissertation: A Measurement of the X-Ray Debye Temperature of Tungsten in the Range $4.2^{\circ}\text{K} \leq T \leq 297^{\circ}\text{K}$
Field of Specialization: Physics
- Carl Heinz Knoche, Milwaukee, Wis.
B.A. (Marquette University); M.A.
Dissertation: The German Immigrant Press in Milwaukee
Field of Specialization: German
- Robert Charles Koettel, Westerville
B.A. (Otterbein College); M.A.
Dissertation: Differences in Value Orientation across Four Years of College and the Relationship between Value Orientation and Interpersonal Atmospheres
Field of Specialization: Psychology
- Gary Stephen Kyker, Niota, Tenn.
B.S. (Tennessee Wesleyan College); M.S.
Dissertation: Reactions of Titanium Tetrachloride with Aminoboranes
Field of Specialization: Chemistry
- Peter Babcock Lake, State College, Pa.
B.S. (Pennsylvania State University)
Dissertation: Dislocation Structures in Germanium Single Crystals Deformed in a Dual Glide Orientation
Field of Specialization: Metallurgical Engineering
- George Gene Lamb, Crestline
B.S. in Edu., M.S. in Edu. (Bowling Green State University)
Dissertation: A Study of the Administrative Capacity of the Bolivian Education System
Field of Specialization: Education
- Judah Landau, Bronx, N. Y.
B.S. (Massachusetts Institute of Technology)
Dissertation: The Low Temperature Osmotic Pressure of Degenerate Dilute Liquid $\text{He}^3\text{-He}^4$ Solutions Under Pressure
Field of Specialization: Physics
- Kiu Hee Lee, Seoul, Korea
B.S.E. (Ch.E.) (University of Michigan); M.S.
Dissertation: The Transient and Equilibrium Study of Time-Dependent Polymer Rheology Data
Field of Specialization: Chemical Engineering
- Joseph Jen-Yin Liang, Taipei, Taiwan
B.A. (National Taiwan University); M.A. (University of Detroit)
Dissertation: On Interrelations of Arithmetical Invariants in Algebraic Number Fields
Field of Specialization: Mathematics
- James Edward Liese, Fairfield, Calif.
A.B. (Chico State College); M.A. (Columbia University)
Dissertation: Short-Term Memory for a Motor Response
Field of Specialization: Physical Education

- John Coleman Love, West Haven, Conn.
B.S. in Phys.
Dissertation: The Nickel-61 Mössbauer Effect in Nickel-Transition Metal Alloys and Nickel Compounds
Field of Specialization: Physics
- Marilyn Steude Lucas, Columbus
B.S. in Edu., M.A.
Dissertation: The ITPA and the Coding Process in Mental Retardates
Field of Specialization: Psychology
- Bruce Wayne Lyon, Newton, Kan.
B.S., M.A. (Northwestern University)
Dissertation: The Federal Government and College Students During the Great Depression: A Study of the College Student Aid Programs of the Federal Emergency Relief Administration and the National Youth Administration
Field of Specialization: Education
- John Andrew Maccini, Columbus
A.B., M.A. (Boston University)
Dissertation: Evaluation of an Audio-Visual Tutorial Laboratory Serving College-Level Introductory Geology
Field of Specialization: Education
- Arlan Warren Mantz, Fairborn
A.B. (Catawba College); M.S.
Dissertation: High Resolution Infrared Spectra of Linear Triatomic Molecules
Field of Specialization: Physics
- Allan Henry Markowitz, Skokie, Ill.
A.B. (University of California, Los Angeles); M.S.
Dissertation: A Study of Stars Exhibiting Composite Spectra
Field of Specialization: Astronomy
- Albert Joseph Martin, Jr. Wilmington, Del.
B.A., M.B.A. (University of Delaware)
Dissertation: An Exponential Model for Predicting Trial of a New Consumer Product
Field of Specialization: Business Organization
- Helen Marie McDaniel, Columbus
B.S. in Soc. Adm., M.A. in Soc. Adm.
Dissertation: The Sectarian Agency in a Changing Society (A Descriptive Study)
Field of Specialization: Social Work
- Hugh John McDonald, Manhattan, Kan.
B.S. (Ag.), M.S. (Kansas State University)
Dissertation: A Linear Programming Model to Optimize the Transfer Cost and Facility Requirements for U.S. Grain Exports
Field of Specialization: Agricultural Economics and Rural Sociology
- Keith Donavon McFarland, Dover
B.S. Ed. (Kent State University); M.A.
Dissertation: Secretary of War Harry H. Woodring and the Problems of Readiness, Rearmament and Neutrality, 1936-1940
Field of Specialization: History
- Charles Robert Mc Nerney, Columbus
A.B., A.M. (Colorado State College)
Dissertation: Effects of Relevancy of Content on Attitudes toward, and Achievement in, Mathematics by Prospective Elementary School Teachers
Field of Specialization: Education
- John Peter Minton, Columbus
B.S., M.D., M.M.S.
Dissertation: The Response of the DBA/2J Mouse Spleen Lymphoid Cells to Antithymocyte Serum and Polyoma Virus
Field of Specialization: Microbiology
- Frederick Nicholson Moore, Columbus
B.S. in Edu. (Wittenberg University); M.S.
Dissertation: A Comparative Study of Teaching Strategies Involving Closed-Circuit Television and Programmed Instruction
Field of Specialization: Education
- Gerald Robert Moses, Columbus
B.S. (Loyola University); M.A. (Western Michigan University)
Dissertation: The Effects of Participation in Demonstration Therapy upon the Ability of Speech-Clinicians-in-Training to Assess Stuttering
Field of Specialization: Speech
- Roland Frederick Moy, Columbus
B.S. (Wisconsin State University, Eau Claire); M.A.
Dissertation: Two Theories of Democratic Political Development: An Analysis Using Computer Simulation
Field of Specialization: Political Science
- John Sebastian Mugerwa, Lugazi, Uganda
B.S., M.S. (University of Rhode Island)
Dissertation: The Relationship of Dietary Nitrogen to Urea Kinetics and Protein Synthesis in Dairy Cows
Field of Specialization: Dairy Science
- Linda Wagenhals Mulligan, Canton
B.A., M.A.
Dissertation: Women in Marriage: A Study of Social Roles, Marriages, and Self-Esteem among Upper-Middle Class Women
Field of Specialization: Sociology
- Robert Charles Murray, Grand Rapids, Mich.
A.B. (Albion College); M.S.
Dissertation: The Carcinostatic Effects of Dialyzed Avian Ovarian Extract on Krebs-2 Carcinoma in Mice
Field of Specialization: Zoology and Entomology
- Wallace H. Nolin, Barberton
B.S. (Ed.) (Muskingum College); M.Educ. (Kent State University)
Dissertation: Patterns of Teacher-Student Interaction in Selected Junior High School General Music Classes
Field of Specialization: Education
- Roger Arlo Nordstedt, Manhattan, Kan.
B.S. in Feed Tech., M.S. (Kansas State University)
Dissertation: Analysis of Animal Waste Storage and Land Disposal Systems
Field of Specialization: Agricultural Engineering
- Edmund Frank Pawlowicz, Toledo
B.E.E., M.S.
Dissertation: An Isostatic Study of Northern and Central Greenland Based on Gravity Values and Airborne Radar Ice-Thickness Measurements
Field of Specialization: Geology
- John Kenyon Payton, Johnstown
B.A. (Otterbein College); M.A.
Dissertation: Recruitment and Selection of Professional Staff: The Role of the High School Principal
Field of Specialization: Education

*Roger Horton Peck, Oxford
B.S. (Taylor University); M.Ed. (Miami University)
Dissertation: The Relationship of Teachers' Level of Dogmatism and Sense of Power to Their Receptivity to Change
Field of Specialization: Education

Philip John Pollick, Toledo
B.S. (University of Toledo)
Dissertation: Polynuclear Transition Metal Carbonyls Containing Sulfur and Phosphorus
Field of Specialization: Chemistry

M. Anandha Rao, Ecunderabad, A.P. India
B.Chem.E., M. Tech. (Osmania University); M.S. (University of Cincinnati)
Dissertation: Turbulence and Mixing in a Continuous Flow Stirred Tank
Field of Specialization: Chemical Engineering

Richard Charles Rapson, Jr., Columbus
B.S. (Rose Polytechnic Institute); M.S.
Dissertation: Evaluation of Several Methods for Large-Signal Stabilization of Conditionally Stable Systems with Saturation
Field of Specialization: Mechanical Engineering

Edward John Recchia, Detroit, Mich.
Ph.B., M.A. (University of Detroit)
Dissertation: Form and the Creative Process: Lesson and Example in Eleven of Henry James's Artist Tales
Field of Specialization: English

John Phillips Resch, Youngstown
B.A. (Denison University); M.A.
Dissertation: Anglo-American Efforts in Prison Reform, 1850-1900: The Work of Thomas Barwick Lloyd Baker
Field of Specialization: History

Larry Thomas Reynolds, Mt. Pleasant, Mich.
B.A., M.A. (Central Michigan University)
Dissertation: The Sociology of Symbolic Interactionism
Field of Specialization: Sociology

Robert Charles Ringe, Columbus
A.B. (Capital University); M.A.
Dissertation: An Analysis of Selected Personality and Behavioral Characteristics which Affect Receptivity to Religious Broadcasting
Field of Specialization: Speech

Mollie Joan Robbins, Columbus
B.A. (Psych.) (San Jose State College); M.A.
Dissertation: Motivational Control of Retrograde Amnesia
Field of Specialization: Psychology

Stanford Dean Ruggles, Columbus
A.B. (Findlay College); M.A.
Dissertation: Placebo Program Branching and Learner Self-Concepts
Field of Specialization: Education

Karl Scheller, Dayton
B.Ch.E. (Cooper Union); M.S.
Dissertation: Study of Heat Transfer to the End Wall of a Shock Tube
Field of Specialization: Chemical Engineering

* Degree granted in cooperation with Miami University

Michael Fred Schmidt, Akron
A.B. (Brandeis University)
Dissertation: Explanation
Field of Specialization: Philosophy

John Richard Schorr, Columbus
B.Cer.E., M.S.
Dissertation: Influence of Ambient Atmospheres in Maturation of Ceramic Whitewares
Field of Specialization: Ceramic Engineering

John W. Schweikert, Cincinnati
B.S. (Western Kentucky State College); M.Ed. (Miami University)
Dissertation: Pupillometrics: A Pilot Study to Appraise Its Potential as a Non-Verbal Instrument to Evaluate Student Attitudes
Field of Specialization: Education

David Morris Scott, Reynoldsburg
S.B. in M.E. (Massachusetts Institute of Technology)
Dissertation: A Calculation of the K-Meson Electromagnetic Mass Difference Based on the Veneziano Representation
Field of Specialization: Physics

Robert Keith Semple, Toronto, Ont., Canada
B.A., M.A. (University of Toronto)
Dissertation: Regional Types of Viability Within a System of Urban Places
Field of Specialization: Geography

Wilbur Jewell Settle, Glasgow, Ky.
B.A. (Centre College of Kentucky); M.S.
Dissertation: Biosystematic Studies in the Genus *Silphium* L. (Compositae): *Silphium integrifolium* Michaux
Field of Specialization: Botany

Dean Leroy Shappell, Tiffin
B.S.Ed., M.A. (Bowling Green State University)
Dissertation: The Relationship of Socio-Economic Status to School Motivation and Occupational Orientation
Field of Specialization: Education

John Robert Shea, Ajo, Ariz.
B.S. in B.A. (University of Arizona); M.A.
Dissertation: The Allocation and Utilization of Secondary School Teachers: A Case Study
Field of Specialization: Economics

James Allen Shell, Farmersville
B.Cer.E., M.S.
Dissertation: Behavior of Iron and Titanium Oxides in the Glassy Phase
Field of Specialization: Ceramic Engineering

Geoffrey Wayne Smith, Boston, Mass.
B.S. (Tufts University); M.S. (University of Maine)
Dissertation: Surficial Geology of the Shuswap River Drainage, British Columbia
Field of Specialization: Geology

Stewart Edward Smith, Baltimore, Md.
B.S. (Howard University)
Dissertation: A Study of the Low-Temperature Gas-Phase Oxidation of n-Pentane in a Flow System
Field of Specialization: Chemistry

- David William Snyder, Tucson, Ariz.
B.S. in P.Ed. (University of Texas); M.Ed. (University of Arizona)
Dissertation: The Relationship between the Area of Visual Occlusion and Groundstroke Achievement of Experienced Tennis Players
Field of Specialization: Physical Education
- Robert Roy Spanabel, Struthers
B.S. (Kent State University); M.A. (State University of Iowa)
Dissertation: A Stage History of *Henry the Fifth*: 1583-1859
Field of Specialization: Theatre
- Marjorie Ann Stewart, Cincinnati
B.A. (Miami University); M.S.Ed. (Indiana University)
Dissertation: A Comparison of Commuting and Resident Students on an Urban Campus
Field of Specialization: Education
- Richard James Stranges, Columbus
A.B. (West Liberty State College); M.A.
Dissertation: The Relationship between Various Characteristics of Counselors and Their Selected Counselors
Field of Specialization: Education
- *Phil Edward Suiter, Chesapeake
B.A., M.A. (Marshall University)
Dissertation: The Development and Validation of a Series of Self-Instructional Modules in Interaction Analysis
Field of Specialization: Education
- Russell Hammond Thackery, Columbus
B.S. (Florida Southern University); M.S.
Dissertation: Foam Mat Dehydration of Sauerkraut Juice
Field of Specialization: Horticulture and Forestry
- Dorothy English Thompson, Minerva
B.S. in Ed. (Framingham State College)
Dissertation: Effects of Certain Dietary Treatments on Urinary Taurine Levels of College Women
Field of Specialization: Home Economics
- *Marilyn Elizabeth Throne, North Ridgeville
B.A., M.A. (Miami University)
Dissertation: The Two Selves: Duality in Willa Cather's Protagonists and Themes
Field of Specialization: English
- John Edward Tolle, Columbus
B.S., M.S.
Dissertation: The Distribution of Vehicular Headways—A Stochastic Model
Field of Specialization: Civil Engineering
- Bert Kerr Waits II, Columbus
B.S. in Edu., M.S.
Dissertation: Relative Effectiveness of Two Television Techniques and One Large Lecture Technique for Teaching Large Enrollment College Mathematics Courses
Field of Specialization: Education
- David Leslie Waldorf, Columbus
B.S. in Engr. Physics (Montana State College); M.S. (Purdue University)
Dissertation: A Study of Relaxation Processes in High Purity Gallium at Low Temperatures
Field of Specialization: Physics
- Michael Joseph Walsh, Baltimore, Md.
B.S. (University of Maryland)
Dissertation: Acetaldehyde-Induced Release and Altered Metabolism of Catecholamines: Its Role in Ethanol Actions and the Disulfiram - Alcohol Reaction
Field of Specialization: Pharmacology
- Philip W. Warken, Columbus
A.B. (Capital University); M.A.
Dissertation: History of The National Resources Planning Board, 1933-1943
Field of Specialization: History
- Howard Ralph Watrous, Dayton
B.S. in Bus. Adm.; M.S. (University of Oregon)
Dissertation: An Analysis of the Causes of Small Business Discontinuances: Real Estate Brokerage Failures in the State of Oregon
Field of Specialization: Business Organization
- Nathan James Weate, Jr., Worthington
B.S. in Edu., M.A.
Dissertation: An Analysis of the Curriculum Phase of the Teacher Education and Media Project of the American Association of Colleges for Teacher Education
Field of Specialization: Education
- Lawrence David Wells, Seattle, Wash.
B.A. (University of Washington); M.A.
Dissertation: The Ambivalence of Nature in the Works of Adalbert Stifter
Field of Specialization: German
- William James Wert, Mansfield
B.S.Ed. (Ohio Northern University); M.A.
Dissertation: A Preparation Program for Pupil Personnel Administrators
Field of Specialization: Education
- Charles Dudley Whyte, Far Rockaway, N. Y.
B.S. (Prairie View Agricultural and Mechanical College); M.S.
Dissertation: Dynamic Short-Term Estimating and Forecasting Models for Wholesale Beef Price
Field of Specialization: Agricultural Economics and Rural Sociology
- Macon Lassiter Williams, Columbus
B.A., M.A.
Dissertation: Analytical Ability, Social Conformity and *N* Influence as a Function of Temporal and Spatial Disembedding Skill
Field of Specialization: Psychology
- Ronald Williams, Athens
A.B., M.A. (Case Western Reserve University)
Dissertation: The Identification of Terminal Intonational Contours of Selected Sentences in American English
Field of Specialization: Speech
- James Graham Williamson, Columbus
B.S. in Phys., M.S.
Dissertation: ν_3 Bands of $H_2^{18}O$, $H_2^{16}O$ and $D_2^{16}O$
Field of Specialization: Physics
- Charles Xavier Witten, Williamsburg, Va.
B.S., M.A. (University of Maryland)
Dissertation: The Effects of Three Liquids on Exhaustive Exercise and Absorption in College Men
Field of Specialization: Physical Education
- * Degree granted in cooperation with Miami University

Certificate of Specialist in Educational Administration

One candidate

Theodore Paul Swingle, Lexington
B.S. in Agr., M.S.

Certificate in Teaching English Speakers of Other Languages

Two candidates

Charlena Moten Seymour, Columbus
B.F.A. (Howard University); M.A.

Darnell Williams, Banning, Calif.
B.S. (Bishop College); M.A.

Master of Accounting

Two candidates

Harry Thomas Anderson, Youngstown
A.B. (Wheaton College)
Field of Specialization: Accounting

James Grover Johnston, Toledo
B.B.A. (University of Toledo)
Field of Specialization: Accounting

Master of Architecture

One candidate

Michael Wright Fazio, Birmingham, Ala.
B.Arch. (Auburn University)
Field of Specialization: Architecture

Master of Arts

Two hundred and thirty-five candidates

Barry Calvin Abramsky, Toronto, Ont., Canada
B.A. (Queen's University)
Field of Specialization: Education

Carol Nell Adelsperger, Carey
B.S. (Bowling Green State University)
Field of Specialization: Education

Linda Lee Anagnoston, Dayton
B.S. in Edu.
Field of Specialization: History

Patricia McKay Baker, Bethesda, Md.
B.A. (University of Maryland)
Field of Specialization: Psychology

Howard Guy Ball, Columbus
B.S. in Soc. Adm.
Field of Specialization: Education

Stephen Hayden Barnes, Washington, D. C.
B.Mus. (Peabody Conservatory of Music)

Field of Specialization: Music
Gail Ingrish Baum, Columbus
B.A. (Northwestern University)
Field of Specialization: English

Carol Lee Bauman, Brooklyn, N. Y.
B.A. (Brooklyn College)
Field of Specialization: Romance Languages

Charles Allen Beatty, III, Columbus
B.S. in Edu.
Field of Specialization: Education

Gerald James Becker, Canton
A.B. (Heidelberg College)
Field of Specialization: Education

Sandra Williams Bennett, Reynoldsburg
B.S. in Ed. (Otterbein College)
Field of Specialization: Speech

Maria Dulce Bandiera Bergamin, Sao Paulo, Brazil
Field of Specialization: Psychology

James Malcolm Berndt, Newark
B.F.A., B.S. in Edu.
Field of Specialization: Art

Gertrude Mae Bernstein, Cleveland
B.A., M.A.
Field of Specialization: English (TESOL)

John Robert Blinn, Bowling Green
B.S. in Jour. (Bowling Green State University)
Field of Specialization: Journalism

Emily Ruth Bodenheimer, Baltimore, Md.
A.B. (Goucher College)
Field of Specialization: Slavic Languages

Carol Anne Bradley, Wilmington, Del.
B.A. (Ohio Dominican College)
Field of Specialization: English

Barbara Ann Breisch, Harrington Park, N. J.
B.S. (Pennsylvania State University)
Field of Specialization: Education

Kenneth William Brewer, Cincinnati
B.A. (Xavier University)
Field of Specialization: History

Dorothy Caldwell Briss, Columbus
B.A. (College of Wooster)
Field of Specialization: Education

Annie Ruth Marable Brown, Ayden, N. C.
B.S. (North Carolina Agriculture and Technical State University)
Field of Specialization: Education

Marcy Basye Brown, Columbus
B.S. in Edu.
Field of Specialization: Education

Richard Brown, Euclid
A.B. (Oberlin College)
Field of Specialization: English

John Douglas Bruington, Columbus
B.A. (Montana State University)
Field of Specialization: Education

James Van Bunnell, Forest
B.S. in Agr.
Field of Specialization: Anthropology

Meredith Applegate Butler, East Liverpool
B.A.
Field of Specialization: German

Alfonza Butts, Cleveland
B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Education

Anita Wolf Byler, Loudonville
B.S. in Edu.
Field of Specialization: Education

William Paul Cameron, Columbus
B.S. in Edu.
Field of Specialization: Education

Steve J. Candela, Ashtabula
B.S. in Educ. (Kent State University)
Field of Specialization: Education

Dianne Putnam Carrera, Columbus
B.S. (Marietta College)
Field of Specialization: Psychology

Larry Joseph Cepek, Columbus
B.S. in Edu.
Field of Specialization: Education

Stefen Rhys Chapman, Columbus
B.S. in Edu.
Field of Specialization: Education

J. Peter Chow, Pasadena, Calif.
B.Th. (Bethel Bible Seminary); B.A. (Azusa Pacific College)
Field of Specialization: East Asian Languages

Stephen Philip Churchill, Sunbury
B.A. (Ohio Northern University)
Field of Specialization: Education

Sumner Norman Clarren, Columbus
A.B. (Oberlin College)
Field of Specialization: Psychology

Mary Lou Combs, Antigo, Wis.
B.S. (Wisconsin State University at Oshkosh)
Field of Specialization: Physical Education

Wallace Edward Conard, Columbus
B.A. (Otterbein College)
Field of Specialization: Education

- James Goodman Connell, Jr., Adel, Ga.
B.S. (United States Naval Academy);
M.A. (University of Georgia)
Field of Specialization: Slavic
Languages
- John Andrew Cooley, Dover
A.B. (Oberlin College)
Field of Specialization: History
- Byron Eugene Corbin, Columbus
B.A.
Field of Specialization: Slavic
Languages
- Elizabeth Fortunato Crider, Broomall,
Pa.
B.S.Ed. (West Chester State College)
Field of Specialization: History
- Thomas Richard Crowe, Dola
B.S.Ed. (Ohio Northern University)
Field of Specialization: Education
- Mable Rayson Cutliff, Shreveport, La.
B.S. (Grambling College); M.Ed.
(Prairie View Agricultural and
Mechanical College)
Field of Specialization: Education
- Richard Kenneth Dahl, Columbus
A.B. (Saint Paul's College,
Washington, D. C.)
Field of Specialization: History
- Sandra Bowman Damico, Columbus
B.A.
Field of Specialization: Education
- Jacqueline Eda Davis, Detroit, Mich.
B.S.Ed. (Wayne State University)
Field of Specialization: Dance
- Mary Truitt Dawson, Worthington
B.S. in Edu.
Field of Specialization: Education
- Robert Alan Day, Boise, Ida.
B.A. (Montana State University)
Field of Specialization: Sociology
- Mary Helen Dittmer, Quincy, Ill.
B.S. Edu. (Northeast Missouri State
Teachers College)
Field of Specialization: Education
- Linn Dixon, Yellow Springs
B.A. (Antioch College)
Field of Specialization: Psychology
- Kultida Duangnetre, Chiengrai,
Thailand
B.Ed. (Chulalongkorn University)
Field of Specialization: Education
- Richard Franklin Durfee, Jr.,
Osawatomie, Kan.
B.S. in Educ. (Kansas State Teachers
College)
Field of Specialization: Education
- Patricia Frundt Edmister, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education
- Josephine Luby Enright, Columbus
A.B. (Ohio Dominican College)
Field of Specialization: Education
- Mary Ruth Chenoweth Erhardt,
Mt. Sterling
B.S. in Edu., B.S. in Occ. Ther.
Field of Specialization: Education
- Kendra Henry Ettenhofer, Jackson
B.A.
Field of Specialization: Romance
Languages
- John Charles Farnsworth, Bozeman,
Mont.
B.A. (Walla Walla College)
Field of Specialization: Sociology
- Linda L. Ferrill, Tulsa, Okla.
B.A. (University of Colorado)
Field of Specialization: Education
- Eve Prout Fetzek, Columbus
B.A.
Field of Specialization: English
(TESOL)
- Roland Edward Fisch, Grove City
B.A.
Field of Specialization: Anthropology
- Gertrud Maria Stich Fischer,
Worthington
Field of Specialization: Art
- Virginia Mae Fischer, Cincinnati
B.A. (Wittenberg University)
Field of Specialization: Education
- Linda Jay Flowers, Columbus
B.S. in Edu. (Miami University)
Field of Specialization: Education
- James Henry Flynn, III, Perrysburg
B.A.
Field of Specialization: Speech
- Carl Daniel Frantz, Columbus
B.S. in Educ. (Kansas State Teachers
College)
Field of Specialization: Political
Science
- Morris Frommer, New York, N. Y.
B.A.
Field of Specialization: History
- Patricia Sauter Fueston, Gahanna
B.S. in Educ. (Bowling Green State
University)
Field of Specialization: Education
- Suzanne Gage, Columbus
B.A. (University of Florida)
Field of Specialization: Psychology
- Willie Clayton Glover, Columbus
B.S.Ed. (Central State University)
Field of Specialization: Education
- Paul Milton Godwin, Hot Springs,
Ark.
B.A. (Arkansas Polytechnic College)
Field of Specialization: Music
- Jeffrey Booth Gore, Akron
B.S. in Edu.
Field of Specialization: Education
- Linda Foster Green, Columbus
B.A.
Field of Specialization: Sociology
- Dale Arthur Greiner, Scottville, Mich.
B.A. (Athensum of Ohio)
Field of Specialization: Philosophy
- Charles Bailey Hale, Delbarton,
W. Va.
B.S. (University of Kentucky)
Field of Specialization: Education
- Margie LeCureux Hale, Columbus
B.A. (Michigan State University)
Field of Specialization: Romance
Languages
- Carolyn Irwin Hall, Magnolia, Ark.
B.S.Ed. (Southern State College,
Magnolia, Arkansas)
Field of Specialization: Education
- John Wesley Hall, Pendleton, S. C.
A.B. (Morris College)
Field of Specialization: Education
- Hadia Habib Harb, Ain-Anoub,
Lebanon
B.A. (Beirut College for Women)
Field of Specialization: English
(TESOL)
- Emma Jean Goode Harrell, Houston,
Tex.
B.S. (Texas Southern University)
Field of Specialization: Education
- Carol Ellen Hazard, Columbus
B.S. in Edu.
Field of Specialization: Education
- David McConway Hazen, The Dalles,
Ore.
B.A. (University of Minnesota)
Field of Specialization: Art
- Judith Grossman Henle, Worthington
B.A. (University of Maryland)
Field of Specialization: Education
- Thomas Allan Hephner, Columbus
B.S. in B.A. (Kent State University);
B.S. in Edu.
Field of Specialization: Education
- Charles Jefferson Hicks, Jr., Columbus
B.S.Ed. (Central State University)
Field of Specialization: Education
- Thomas Paul Higgins, Flushing, N. Y.
B.S. (Michigan State University)
Field of Specialization: Education

- Kathleen Ann Switzer Hoeltzel, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- John Jeffrey Homans, Cleveland Heights
A.B. (Denison University)
Field of Specialization: Art
- Elinor Petaja Hossalla, Duluth, Minn.
B.A. (University of Minnesota)
Field of Specialization: Romance Languages
- Ann-Marie Huckaby, Cleveland
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Richard Joseph Huelsman, Columbus
B.S. (John Carroll University); S.T.L. (Bellarmine School of Theology)
Field of Specialization: Education
- John David Hymes, Jr. San Francisco, Calif.
B.A. (Fresno State College)
Field of Specialization: History
- Robert Ann Jackson, Cleveland
B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Education
- Harry Joseph Jaffe, Memphis, Tenn.
B.A. (Memphis State University)
Field of Specialization: English (TESOL)
- Inga Lisa Johanson, Montville, N. J.
B.A. (Montclair State College)
Field of Specialization: History
- Gary Martin Keller, Prospect
B.S. in Edu.
Field of Specialization: Education
- Alice Elizabeth Kimbell, Toledo
B.S. in Edu.
Field of Specialization: Education
- Howard Dean King, Jr., Wooster
B.A. (College of Wooster)
Field of Specialization: Psychology
- George Alan Knight, Columbus
B.S. in Edu.
Field of Specialization: Education
- Martha Lee Knorre, Dayton
A.B. (Ohio University)
Field of Specialization: Romance Languages
- Marjorie Cullerne Koers, Vancouver, B.C., Canada
B. Mus. (University of British Columbia)
Field of Specialization: Music
- LaVern Everett Kohls, Fruita, Colo.
B.S. (Colorado State University)
Field of Specialization: Education
- Judith Linson Kramer, Westlake
B.A. (Ohio Wesleyan University)
Field of Specialization: Political Science
- Lynn Levine Kuhne, Columbus
B.S. (New York University)
Field of Specialization: Psychology
- Jane Louise Lackey, Chagrin Falls
B.S. in Med. Tech.
Field of Specialization: Education
- Raymond John Lagueux, Lewiston, Me.
A.B. (Providence College)
Field of Specialization: Romance Languages
- Susan Dallaire Lagueux, Lewiston, Me.
B.A. (Bates College)
Field of Specialization: Romance Languages
- Jean McKinney Lang, Columbus
B.S. (Mgt.) (Iowa State University)
Field of Specialization: Education
- Jane Elizabeth Langenes, Fargo, N. Dak.
Ph.B. (University of North Dakota)
Field of Specialization: Education
- Lloyd Richard Larcom, Troy
B.S.
Field of Specialization: Psychology
- Bruce Ian Larrimer, Columbus
B.A.
Field of Specialization: History
- Raymond Edward Lavelle, Cleveland
A.B. (College of Saint Charles Borromeo)
Field of Specialization: Education
- Sylvia Vivash Lawrance, Jacksonville, Fla.
B.A. (Jacksonville University)
Field of Specialization: Education
- Norman Ingvar Lee, III, Worthington
B.S. (United States Air Force Academy)
Field of Specialization: History
- James Solomon Lewis, Columbus
B.S. (West Virginia State College)
Field of Specialization: Education
- Lynn Lopata Lewis, Worthington
A.B.Ed. (University of Michigan)
Field of Specialization: Journalism
- Nanci Starbuck Lewis, Mentor
B.A.
Field of Specialization: English
- Jack Norman Liles, Coloma, Mich.
B.M. (Western Michigan University)
Field of Specialization: Music
- Robert Andrew Lind, Leonardo, N. J.
B.S. (Seton Hall University)
Field of Specialization: Education
- Janet Renaud Liston, Columbus
B.A. (University of Iowa)
Field of Specialization: Psychology
- Chalsa Mary Loo, Honolulu, Hawaii
A.B. (University of California, Berkeley)
Field of Specialization: Psychology
- Arlene Behnke Louton, Youngstown
B.A.
Field of Specialization: English
- Joyce Elaine Lowy, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education
- David Edward Loynachan, Cleveland
B.A. (Muskingum College)
Field of Specialization: Political Science
- Stanley David Lusher, Chillicothe
B.S. (Rio Grande College)
Field of Specialization: Education
- Stephen Frederick Marchuk, St. Paul, Minn.
B.A., M.Ed. (College of Saint Thomas)
Field of Specialization: Education
- Regina Robertson Marco, Columbus
B.S. in Edu.
Field of Specialization: Education
- Carol Doeck Martin, Hampton, N. H.
B.S. in Edu.
Field of Specialization: Education
- Augustus Alexander Matri, Parma
B.S. in Edu.
Field of Specialization: Romance Languages
- Larry Dean Mattison, Arvada, Colo.
B.S. in Educ. (Kansas State Teachers College)
Field of Specialization: Education
- Cornelia Ethel May, Columbus
B.A. (Greenville College); A.M.L.S. (University of Michigan)
Field of Specialization: English
- Patrick Rush McDonald, Huntington, W. Va.
B.A. (Marshall University)
Field of Specialization: Speech
- Leo McGee, Columbus
B.A. (Phildander Smith College)
Field of Specialization: Education

- Sister Mildred McGovern, Columbus
B.S. (Ed.) (Catherine Spalding
College)
Field of Specialization: Education
- John Leland McManus, Cleveland
B.S.
Field of Specialization: Psychology
- Rose Creasy McMills, Fairmont,
W. Va.
A.B. (Ohio University)
Field of Specialization: English
- Patricia Shelby Merriman, Columbus
B.S. in Soc. Wel.
Field of Specialization: Sociology
- Diane Kostal Metcalfe, Columbus
B.S.
Field of Specialization: Psychology
- Edmund Charles Miller, III,
Commack, N. Y.
B.A. (C.W. Post College)
Field of Specialization: English
- Linda Jean Miller, Cleveland
B.A. (Allegheny College)
Field of Specialization: German
- David William Moore, San Jose, Calif.
B.S. (United States Military
Academy)
Field of Specialization: Political
Science
- Nancy Huber Morcos, Dayton
B.A. (University of Dayton)
Field of Specialization: English
- William B. Moreland, Costa Mesa,
Calif.
B.A. (University of California,
Irvine)
Field of Specialization: Political
Science
- Constance Elaine Morgan, Kingston,
Jamaica
B.A. (Hons.) (McGill University)
Field of Specialization: Education
- Virginia Ann Morhiser, Auburn, N. Y.
B.A. (Westminster College)
Field of Specialization: Education
- Stephen Francis Morin, Amherst,
Mass.
B.A. (University of Massachusetts)
Field of Specialization: Psychology
- Gerald J. Mulqueen, New York, N. Y.
B.S. (New York University); M.S.
(Columbia University)
Field of Specialization: Education
- Roger Allen Murphy, Dublin
B.S. in Edu.
Field of Specialization: Physical
Education
- John Edward Nahan, Columbus
B.A.
Field of Specialization: Political
Science
- Andrew Robert Nameth, Bellaire
B.S. in Edu.
Field of Specialization: Physical
Education (Health Education)
- Nancy Joan Napravnik, Monmouth
Junction, N. J.
B.S. (Pennsylvania State University)
Field of Specialization: Education
- Kathryn Meissner Neeld, Worthington
B.A. (University of Massachusetts)
Field of Specialization: German
- Janice Duncan Nelson, Medina
B.S. in Edu.
Field of Specialization: Education
- Charles Emerald Nesbitt, Columbus
B.A. (Philander Smith College)
Field of Specialization: Education
- Rolf Gunther Neumann, West
Hyattsville, Md.
B.A. (University of Maryland)
Field of Specialization: German
- Tim Neustadt, Shaker Heights
B.A.
Field of Specialization: Classics
- To-Thi Nguyen, Saigon, Vietnam
B.A.
Field of Specialization: Education
- Derek James Noll, Youngstown
A.B. (Hiram College)
Field of Specialization: History
- Edward Ronald Obreza, Barberton
B.S. in Educ. (Kent State University)
Field of Specialization: History
- Daryl Edward Olson, Moorhead,
Minn.
B.A., B.S. (Moorhead State Teacher's
College)
Field of Specialization: Education
- Thomas Justin Orr, Mansfield
B.A. (Greenville College)
Field of Specialization: English
- Rheba W. Otey, Columbus
B.A. (Central State University)
Field of Specialization: English
- Shirley Adams Palmer, Worthington
B.A.
Field of Specialization: Sociology
- William Thurman Partin, Jr.,
Scotland Neck, N. C.
A.B. (Guilford College)
Field of Specialization: History
- Lucetta Joan Pecano, New Castle, Pa.
B.S. in Ed. (Indiana University of
Pennsylvania)
Field of Specialization: Romance
Languages
- Nancy Reichard Perry, Worthington
B.S. in Nurs.
Field of Specialization: Psychology
- Charlotte Huddle Persinger, Columbus
B.S. (Olivet Nazarene College)
Field of Specialization: Education
- Ralph Eugene Philbin, Youngstown
B.S. in Edu.
Field of Specialization: Education
- Donald Lloyd Pierce, Columbus,
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Frank McAdam Pierson, Wilmington,
Del.
B.A. (University of Washington)
Field of Specialization: Physical
Education
- Marilyn J. Wynn Pilmer, Columbus
B.S. (University of California, Los
Angeles)
Field of Specialization: Philosophy
- Rita Barbara Pokol, Lorain
B.S. in Edu.
Field of Specialization: Education
- Dianne Marie Pollitt, Bedford Heights
A.B. (Ohio University)
Field of Specialization: English
- Sharon Mae Pontius, Ashville
B.S. in Edu.
Field of Specialization: Education
- Karen Kurtz Powell, Toledo
A.B. (Ohio University)
Field of Specialization: English
- Robert Gilliland Powell, Portsmouth
B.S. in Edu.
Field of Specialization: Education
- Roger Franklin Pry, Crestline
B.S. in Edu.
Field of Specialization: Education
- Lowell Eugene Rarick, South Bend,
Ind.
B.S.Ed. (Ball State University)
Field of Specialization: Education
- Rex Walter Reece, Brasstown, N. C.
B.A. (Mars Hill College)
Field of Specialization: Education
- Martin Walter Rehmert, New
Knoxville
B.S. in Agr.
Field of Specialization: Agricultural
Education

- Eileen Berger Reines, Lorain
B.S. in Edu.
Field of Specialization: Education
- Barbara Jean Richburg, Luverne, Ala.
B.S.Sec.Ed. (Tuskegee Institute)
Field of Specialization: Education
- Sandra Ann Sapatka, Parma
B.S. (Concordia Teachers' College)
Field of Specialization: Education
- Elinor Agnes Scheirer, Bethlehem, Pa.
B.A. (Chatham College)
Field of Specialization: Education
- Barbara Maria Schnuttgen,
Youngstown
A.B. (Youngstown University)
Field of Specialization: German
- Dennis Charles Schultz, Glencoe,
Minn.
B.S. (Mankato State College)
Field of Specialization: Education
- Herbert Amos Scott, Tulsa, Okla.
A.B. (University of California, Los
Angeles)
Field of Specialization: Political
Science
- Leo Michael Sendelbach, Tiffin
B.S. in Ed. (Bowling Green State
University)
Field of Specialization: Education
- Harry Nathan Seymour, Columbus
B.A. Bus. Adm. (Howard University)
Field of Specialization: Speech
- Thekla Reese Shackelford, Columbus
A.B. (Denison University)
Field of Specialization: Education
- James Nicholas Shea, Providence,
R. I.
B.S. in B.A. (Bryant College)
Field of Specialization: Education
- Constance Cullom Sikarskie, San
Manuel, Ariz.
B.A. (University of Arizona)
Field of Specialization: Slavic
Languages
- Jeffrey Neil Simon, Cleveland
B.S. in Edu.
Field of Specialization: Speech
- Nancy Conley Sizemore, Columbus
B.S. in Ed. (Geneva College)
Field of Specialization: Education
- Larry Lee Slonaker, Worthington
B.S. in Edu.
Field of Specialization: Speech
- Diane Bunch Smith, Ponca City, Okla.
B.A. (University of Oklahoma)
Field of Specialization: Romance
Languages
- Elisabeth Alicyn Smith, Bay Village
B.S.
Field of Specialization: Psychology
- Lester Sanford Smith, Columbus
A.B. (Olivet College)
Field of Specialization: Education
- Marsha Kindall Smith, Cleveland
Mus.B. (Oberlin College)
Field of Specialization: Music
- Albert Graeme Snedden, Sandusky
A.B. (University of Michigan)
Field of Specialization: German
- Robin Shook Somers, Nashport
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Josh William Stailey, Columbus
B.A.
Field of Specialization: Journalism
- Claude Mason Steele, Park Forest, Ill.
A.B. (Hiram College)
Field of Specialization: Psychology
- Martha Keyser Stephens, Springfield
B.A. (Muskingum College)
Field of Specialization: Education
- Gordon Lynn Sweers, Grand Rapids,
Mich.
A.B.Ed. (Calvin College)
Field of Specialization: Education
- Russell Willis Swope, Columbus
B.S. in Edu.
Field of Specialization: Education
- Judith Ann Tanis, Hudsonville, Mich.
A.B. (Hope College)
Field of Specialization: English
- Larry Eugene Todd, Worthington
B.S. in Ed. (Bowling Green State
University)
Field of Specialization: History
- Alice Mae Tucker, Ardmore, Pa.
B.S.Mus.Ed. (West Chester State
College)
Field of Specialization: Education
- Regina Marie Tully, Hamden, Conn.
B.A. (Albertus Magnus College)
Field of Specialization: German
- Terilyn Carol Turner, Ft. Lauderdale,
Fla.
B.S. in Edu.
Field of Specialization: Education
- Virginia Buker Uhl, Mansfield
B.S. in Edu.
Field of Specialization: Education
- Thomas Earl Valentine, Detroit, Mich.
A.B. (Wayne State University);
A.M. (University of Michigan)
Field of Specialization: Education
- Larry Eugene Vanasdale, Plymouth
B.S. in Edu.
Field of Specialization: Education
- Christine Clare Vasas, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Sociology
- Barbara Eidelman Wachs, Columbus
B.S. in Ed. (City College of New
York)
Field of Specialization: Education
- James Jefferson Walls, Columbus
B.S. in Bus. Adm., B.S. in Edu.
Field of Specialization: Education
- Ming-Mei Wang, Tainan, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Psychology
- Susan Frances Ward, Columbus
B.A. (Saint Louis University)
Field of Specialization: Sociology
- Diana Joan Leslie Warren, Columbus
B.A., M.A. (University of Oxford)
Field of Specialization: Romance
Languages
- Ralph Edward Weber, Lakewood
B.A.
Field of Specialization: Slavic
Languages
- Sharon Kay Weber, Columbus
B.S. in Edu.
Field of Specialization: Physical
Education
- Suzanne Mary Weiss, Glenbeulah,
Wis.
B.A. (Viterbo College)
Field of Specialization: Education
- Jack Meredith Weller, Mt. Gilead
B.A.
Field of Specialization: Sociology
- Rebecca Rose Wenske, Manchester, Ia.
B.S. in Educ. (Capital University)
Field of Specialization: History
- Thelma Dennis White, Gahanna
B.S. in Edu.
Field of Specialization: Psychology
- Nancee Beth Williamson, Riverside,
Conn.
B.S.Sec.Ed. (West Virginia
University)
Field of Specialization: Education
- Terry Lee Wilson, Columbus
B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Penelope Carol Winters, Columbus
B.A. (College of Wooster)
Field of Specialization: Education

Frances Babcock Wolverton, Columbus
B.S.
Field of Specialization: Sociology

Philip Ting-Hua Wu, Toronto, Ont., Canada
B.A. (York University)
Field of Specialization: Political Science

Janet King Wyatt, Westerville
A.B. (Boston University)
Field of Specialization: Psychology

Peter Garrett Yackel, Springfield
A.B., M. of Edu. (Wittenberg University)
Field of Specialization: History

Karen Lynn Zikaris, New York, N. Y.
A.B. (Hunter College)
Field of Specialization: Physical Education

Sheila Rudd Zubkoff, Columbus
B.A. (New York State University at Buffalo)
Field of Specialization: Education

Master of Business Administration

Twenty-three candidates

Gary Michael Allen, Columbus
B.M.E.
Field of Specialization: Business Organization

Peter Harry Brailey, Akron
B.S. (Purdue University)
Field of Specialization: Business Organization

Raymond Richard Casey, Jackson
B.S. in Agr.
Field of Specialization: Business Organization

John Paul Connelly, Elmira, N. Y.
B.I.E.
Field of Specialization: Business Organization

Bruce Alan Cottom, New Hartford, N. Y.
B.C.E.
Field of Specialization: Business Organization

James Neal Doyle, South Vienna
B.Agr.E.
Field of Specialization: Business Organization

John Brian Fields, Marion
B.S.
Field of Specialization: Business Organization

George Edward Glasgow, Nashville, Tenn.
B.S.M.E. (University of Notre Dame)
Field of Specialization: Business Organization

Robert Watson Gongaware, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Business Organization

George Grubic, Reno, Nev.
A.B. (Syracuse University)
Field of Specialization: Business Organization

Denis Francis Healy, Columbus
B.S. (Massachusetts Institute of Technology)
Field of Specialization: Business Organization

Kenneth Martin Knudsen, Pittsburgh, Pa.
B.S. in Bus.Adm.
Field of Specialization: Business Organization

William Hall McCue, Jr., Cuyahoga Falls
B.S. in Bus.Adm.
Field of Specialization: Business Organization

Mebrate Mengistu, Addis Ababa, Ethiopia
B.S. in Bus.Adm.
Field of Specialization: Business Organization

Dale Edward Moline, Kettering
B.S.Ch.E. (Purdue University)
Field of Specialization: Business Organization

Douglas Rutherford Murray, Birmingham, Mich.
B.S. (Ind.Mgt.) (Carnegie Institute of Technology)
Field of Specialization: Business Organization

David Marian Noe, Murfreesboro, Tenn.
B.S. (Bus.) (University of Colorado)
Field of Specialization: Business Organization

John Jerome O'Leary, Columbus
B.S. (United States Naval Academy)
Field of Specialization: Business Organization

Stuart Nelson Parsons, Johnstown
B.S. in Bus.Adm.
Field of Specialization: Business Organization

George Herman Seifert, Toledo
B.S. in Bus.Adm.
Field of Specialization: Business Organization

William Lee Tinapple, Columbus
B.M.E.
Field of Specialization: Business Organization

Albert Allen Ware, Cleveland
B.W.E., M.S.
Field of Specialization: Business Organization

John Lionel Williamson, Bluefield, W. Va.
B.A. (Bluefield State College)
Field of Specialization: Business Organization

Master of City Planning

Seven candidates

Mary Elizabeth Brooks, Stillwater, Okla.
B.A. (Oklahoma State University)
Field of Specialization: City and Regional Planning

Dougal Martin Casey, Hempstead, N. Y.
B.A. (Catholic University of America)
Field of Specialization: City and Regional Planning

Stephen Larry Leeds, Rockville Centre, N. Y.
B.A. (Pennsylvania State University)
Field of Specialization: City and Regional Planning

David Manning Richards, Aliquippa, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: City and Regional Planning

Niles Craig Schoening, Louisville, Ky.
A.B. (Columbia University)
Field of Specialization: City and Regional Planning

John Adrian Straley, Immokalee, Fla.
B.A. (University of Chicago)
Field of Specialization: City and Regional Planning

Roy Chester Willey, Jr., St. Albans, W. Va.
B.A. (Clark University)
Field of Specialization: City and Regional Planning

Master of Education

One candidate

Charles William Besse, Columbus
B.S. in Educ. (Miami University)
Field of Specialization: Education

Master of Fine Arts

Five candidates

Abigail Agnew Adam, Columbus
B.A. (Florida State University)
Field of Specialization: Fine Arts
(Painting)

Karl Adolf Hofmann, East Lansing,
Mich.
B.A., M.A., M.A. (Michigan State
University)
Field of Specialization: Fine Arts
(Ceramics)

Bernard Edward Kummert, Bay City,
Mich.
A.B. (San Diego State College)
Field of Specialization: Fine Arts
(Painting)

Joanne Miller, Columbus
B.A. (Otterbein College)
Field of Specialization: Fine Arts
(Painting)

Rodger Harold Wood, Pittsburgh, Pa.
B.F.A. (Carnegie Institute of
Technology)
Field of Specialization: Fine Arts
(Ceramics)

Master of Music

Six candidates

Mary DeArmond Chapman, Rockford
B.S. in Edu.
Field of Specialization: Music

Paul Clark Dreisbach, Hiram
B.A. (Hiram College)
Field of Specialization: Music

Janet Smyser Fenholt, Columbus
B. of Music (Miami University)
Field of Specialization: Music

Esther Elaine Johnson, Thompson, Ia.
B.Music (College of Wooster)
Field of Specialization: Music

Dennis James O'Malley, Somersworth,
N. H.
B.S. (University of New Hampshire)
Field of Specialization: Music

Lyle Clark Wolfrom, Richmond, Ky.
B.M. (University of Kansas);
M.Mus. (Indiana University)
Field of Specialization: Music

Master of Science

One hundred and eighty-four candidates

Gerald Milton Abraham, Columbus
B.S. Mech. Engr. (University of
Akron)
Field of Specialization: Engineering
Mechanics

Alex Azar, Johnstown, Pa.
M.D. (University of Pittsburgh)
Field of Specialization: Preventive
Medicine

William Lawrence Babeaux, Gahanna
D.D.S. (University of Pittsburgh);
B.S. (College of William and Mary);
M.P.H. (University of North
Carolina)
Field of Specialization: Dentistry

Helen Agathi Badekas, Athens,
Greece
Field of Specialization: Dairy
Technology

*Richard Eugene Baker, Columbus
Field of Specialization: Mechanical
Engineering

Ross Edward Barta, Columbus
B.S. in Elec.Engr. (Wayne State
University)
Field of Specialization: Electrical
Engineering

Milton Arlo Barzee, Terreton, Ida.
B.S. (Utah State University)
Field of Specialization: Agronomy

Therese M. Beaudette, Minneapolis,
Minn.
B.S. (College of Saint Catherine)
Field of Specialization: Preventive
Medicine

Robert Gary Beidel, Oak Ridge, Tenn.
B.S.E.E. (University of Tennessee)
Field of Specialization: Electrical
Engineering

William Thomas Black, Columbus
Met.E. (University of Cincinnati)
Field of Specialization: Metallurgical
Engineering

Edward Dowe Blackburn,
Fredericktown
B.A. (Miami University)
Field of Specialization: Anatomy

Gerard Patrick Boe, Hialeah, Fla.
B.S. (West Virginia Wesleyan
College)
Field of Specialization: Pathology

Barbara Kaye Boles, Dayton
B.S. in Med. Diet.
Field of Specialization: Preventive
Medicine

Anthony Carmen Bonacci, Columbus
B.S. (New York State University at
Buffalo)
Field of Specialization: Pharmacy

Andrew Grant Borden, Jr.,
Hasbrouck Heights, N. J.,
B.S. (Fordham University); M.A.
(Kansas State Teachers College)
Field of Specialization: Mathematics

†Dana Lawrence Briggs, Woodsfield
Field of Specialization: Civil
Engineering

Bernard Joseph Brunner, Pittsburgh,
Pa.
B.S. (Wheeling College)
Field of Specialization: Physics

Rodney Charles Byler, Wooster
B.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Alexander Anthony Cardoni,
Buffalo, N. Y.
B.S. (New York State University at
Buffalo)
Field of Specialization: Pharmacy

Neil John Carscadden, St. Eleanors,
P.E.I., Canada
B.Sc. (Royal Military College)
Field of Specialization: Physics

Alfred Howard Carter, Grand Rapids,
Mich.
B.S. (Norwich University);
M.D. (Tufts University)
Field of Specialization: Psychiatry

David McKay Chisholm,
New Westminster, B.C., Canada
B.A., M.D. (University of
Saskatchewan)
Field of Specialization: Preventive
Medicine

Jerry Clayton Condren, Medina
B.S.E.E. (Case Western Reserve
University)
Field of Specialization: Electrical
Engineering

William Preston Cooper, Ft. Mitchell,
Ky.
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical
Engineering

Arlene Marie Costa, Teaneck, N. J.
B.S. (Bowling Green State
University)
Field of Specialization: Microbiology

William Haldane Courage, Cos Cob,
Conn.

A.B. (Syracuse University)
Field of Specialization: Mathematics

Stephan Duane Crothers, Hamilton
B.S. (Purdue University)
Field of Specialization: Physiological
Chemistry

Robert Paul Dadik, Akron
B.S.E.E. (University of Akron)
Field of Specialization: Electrical
Engineering

* Also Bachelor of Mechanical Engineering,
College of Engineering.
† Also Bachelor of Civil Engineering, College
of Engineering

John Richard Daino, Syracuse, N. Y.
B.S.E.E. (Syracuse University)
Field of Specialization: Electrical Engineering

Ronald Eugene Davis, Worthington B.I.E.
Field of Specialization: Industrial Engineering

Michael Richard DeLuca, Bridgeport, Conn.
B.S. (University of Bridgeport)
Field of Specialization: Mechanical Engineering

Douglas Leon Denton, Davenport, Ia.
B.S.Chem. (Iowa State University)
Field of Specialization: Chemistry

John Henry Dilley, Jr., Lawton, Okla.
B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering

Larry Robert Dolinsky, Swampscott, Mass.
B.S. Civil Engr. (Tufts University)
Field of Specialization: Mathematics

Sister Mary Severin Duehren, Portsmouth
B.S. (College of Saint Teresa)
Field of Specialization: Pathology

Sandra Kay Dusing, Pemberville B.S. (Capital University)
Field of Specialization: Microbiology

Kian Bee Dy, Bacolod City, Philippines
B.S. (University of Santo Tomas)
Field of Specialization: Home Economics

Susan Porter Eaker, Columbus B.S. in Edu.
Field of Specialization: Home Economics

Stephen Flanders Erickson, Columbus B.S.C.E. (University of Toledo)
Field of Specialization: Civil Engineering

Arthur Hines Ervin, Dartmouth, N.S., Canada
D.D.S. (Dalhousie University)
Field of Specialization: Dentistry

John William Fahl, Dayton B.S.E.E. (Iowa State University)
Field of Specialization: Electrical Engineering

James Edward Felix, Akron D.D.S.
Field of Specialization: Dentistry

William Edward Ferguson, Ashtabula B.Ch.E.
Field of Specialization: Chemical Engineering

Robert Elvin Fluharty, Weirton, W. Va.
B.I.E. (Auburn University)
Field of Specialization: Industrial Engineering

James Henry Foster, South Charleston B.S. in Agr.
Field of Specialization: Animal Science

Jerry James Foster, Columbus B.S., M.D.
Field of Specialization: Pediatrics

Duane Glen Fox, Columbus B.E.E.
Field of Specialization: Electrical Engineering

Edward Thomas Frank, Columbus D.D.S.
Field of Specialization: Dentistry

David George Furth, Shaker Heights B.A. (Miami University)
Field of Specialization: Entomology

Gary William Gilbert, Clyde B.Agr.E.
Field of Specialization: Agricultural Engineering

Shashikala Anand Gogate, Bhopal, India
M.B.B.S. (M.G.M. Medical College)
Field of Specialization: Pathology

Judith Klein Gotkis, Bedford Heights B.A. (Connecticut College);
B.S. in Edu.
Field of Specialization: Chemistry

John Anthony Grande, Edison, N. J. B.S. (Delaware Valley College)
Field of Specialization: Horticulture

Pamela Hill Griffith, Muncie, Ind. B.A. (College of Wooster)
Field of Specialization: Microbiology

Jack Carl Grosskopf, Columbus B.S. in Dairy Tech.
Field of Specialization: Dairy Technology

Donald Jon Hackman, Columbus B.M.E. (Cleveland State University)
Field of Specialization: Mechanical Engineering

Douglas Galloway Hall, Hyattsville, Md.
B.S.Aero.Engr. (University of Maryland)
Field of Specialization: Aeronautical and Astronautical Engineering

Timothy Conrad Hall, Columbus D.D.S.
Field of Specialization: Dentistry

Sister Stella Maris Hardjanti, Buffalo, N. Y.
B.A. (Teacher Training Institute, Indonesia)
Field of Specialization: Home Economics

Leo Sahag Harootyan, Jr., Dayton B.S. in Ch.E. (University of Massachusetts)
Field of Specialization: Industrial Engineering

Humphrey King Hastings, Jr., Dayton B.S. (University of Arizona)
Field of Specialization: Pathology

Arnold Hecht, Miami Beach, Fla. D.D.S. (University of Maryland)
Field of Specialization: Dentistry

Karen Ann Heffelfinger, Athens B.S. (Ohio University)
Field of Specialization: Zoology

Harry Herman Heimple, San Jose, Calif.
B.S. (Stanford University)
Field of Specialization: Astronomy

Thomas Charles Hepner, Shamokin, Pa.
B.S. (United States Air Force Academy)
Field of Specialization: Astronomy

Freya Friederike Hermann, Corvallis, Ore.
B.S. (Oregon State University)
Field of Specialization: Pharmacy

Carol Anne Hickey, Portland, Ore. B.S. (Iowa State University)
Field of Specialization: Preventive Medicine

Glen Frederick Hoffsis, Bucyrus B.S. in Agr., D.V.M.
Field of Specialization: Veterinary Medicine

Clark David Hollis, Mt. Vernon B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Wayne Franklin Hootman, Hicksville D.D.S.
Field of Specialization: Dentistry

Edward Arthur Hoover, Champaign, Ill.
B.S.Vet.Med., D.V.M. (University of Illinois)
Field of Specialization: Veterinary Pathology

- Tsau-Yuen Huang, Kaohsiung, Taiwan
B.Med. (Kaohsiung Medical College)
Field of Specialization: Pathology
- Dennis Michael Huey, Massillon A.B. (Wittenberg University)
Field of Specialization: Zoology
- Ralph Leslie Humphrey, Columbus B.S.M.E. (Lehigh University)
Field of Specialization: Mechanical Engineering
- Kou-Mau Hwang, Kaoshiung, Taiwan B.S. in Pharm. (Kaohsiung Medical College)
Field of Specialization: Pharmacy
- Nasruddin Iljas, Palembang, Indonesia
Field of Specialization: Horticulture
- Paul Daniel Jachimiak, Lima B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering
- Janice Sylvia Jackson, South Hero, Vt. B.S. in Home Ec. (University of Vermont)
Field of Specialization: Home Economics
- James Carlton Jenkins, Richmond Heights B.S. in Agr.
Field of Specialization: Agricultural Education
- Karen Ann Jennings, Westerville B.S. (University of Wisconsin)
Field of Specialization: Zoology
- Joseph C. Johnson, West Milton M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
- Philip Taylor Johnson, Columbus D.V.M.
Field of Specialization: Veterinary Medicine
- Charles Daniel Kennedy, Columbus B.S.
Field of Specialization: Physics
- Donald Christian Kentner, Columbus D.V.M.
Field of Specialization: Veterinary Medicine
- Herbert Warren Kimble, West Carrollton B.S.E.E. (Purdue University)
Field of Specialization: Industrial Engineering
- Gary Joseph Kimmet, Delphos B.M.E.
Field of Specialization: Mechanical Engineering
- Gary Leo Kinzel, Bremen B.M.E.
Field of Specialization: Mechanical Engineering
- David Brainard Kirby, Jr., Harrisburg, Pa. A.B. (University of Pennsylvania); D.D.S. (University of Maryland)
Field of Specialization: Dentistry
- Howard Charles Knachel, Cleveland B.S. (University of Dayton)
Field of Specialization: Chemistry
- *Daniel Paul Koscinski, Garfield Heights
Field of Specialization: Engineering Mechanics
- Gary Melvin Kubin, Miami, Fla. B.S. (Cleveland State University)
Field of Specialization: Mathematics
- Linton Luther Kulak, Edmonton, Alta., Canada B.Sc., M.D. (University of Alberta)
Field of Specialization: Preventive Medicine
- Daniel Bernard Lammers, Leipsic B.S. in Med.Tech. (University of Dayton)
Field of Specialization: Pathology
- Bertrand Clovis Landry, Columbus B.S.
Field of Specialization: Computer and Information Science
- Benjamin Daniel Laubacher, III, Oxnard, Calif. B.S. (University of Santa Clara)
Field of Specialization: Physics
- Maynard Dauswell Lay, Granville B.S.E.E. (University of Kentucky)
Field of Specialization: Electrical Engineering
- Thomas Robert Lehnert, Columbus B.S. in E.E. (Newark College of Engineering)
Field of Specialization: Electrical Engineering
- Geoffrey Lynn Leister, Newark B.S.
Field of Specialization: Botany
- Ronald Raymond Lentz, Columbus B.E.E.
Field of Specialization: Electrical Engineering
- John Henry Lenz, Orient B.S. in E.E. (Indiana Institute of Technology)
Field of Specialization: Electrical Engineering
- Leo Philip Leonelli, Palos Verdes Peninsula, Calif. B.S. (University of Portland); M.D. (Creighton University)
Field of Specialization: Preventive Medicine
- Clifford Cleveland Linton, Jr., North Olmsted B.S. (Cleveland State University)
Field of Specialization: Mathematics
- Terry James Logan, Kingshill, V. I. B.S. (California State Polytechnic College)
Field of Specialization: Agronomy
- David Harlan Mace, Cincinnati B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Donald Lee Mahood, Columbus B.S. in E.E. (Newark College of Engineering)
Field of Specialization: Electrical Engineering
- **Nelson William Marshall, Dayton
Field of Specialization: Physics
- ***John Lester Martin, Navarre
Field of Specialization: Ceramic Engineering
- Gary Rae Maxwell, Long Beach, Calif. D.M.D. (University of Oregon)
Field of Specialization: Dentistry
- Patricia Gregg May, Columbus B.S., M.D.
Field of Specialization: Psychiatry
- Frederick Bedford McCashin, Pluckemin, N. J. B.A. (Amherst College); V.M.D. (University of Pennsylvania)
Field of Specialization: Veterinary Surgery and Radiology
- John Albert McClelland, Nokomis, Fla. B.S. (Florida State University)
Field of Specialization: Physics
- ***Michael Edward McConnell, Gahanna
Field of Specialization: Ceramic Engineering
- * Also Bachelor of Mechanical Engineering, College of Engineering
** Also Bachelor of Science in Physics, College of Engineering
*** Also Bachelor of Ceramic Engineering, College of Engineering

Richard Allen McGinnis, Tiffin
B.M.E.
Field of Specialization: Mechanical Engineering

Donald Neil McMartin, Madelia, Minn.
B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Pathology

†Ronald Arthur Meier, Perrysburg
Field of Specialization: Agricultural Economics and Rural Sociology

David Meltzer, Poughkeepsie, N. Y.
B.E.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Electrical Engineering

Wallace Henry Memmer, Pickerington
B.S.E.E. (University of Akron)
Field of Specialization: Electrical Engineering

Ellen Servicky Molinski, Columbus
B.S. (Michigan State University)
Field of Specialization: Home Economics

Franziska Eleanor Noring, Pine Plains, N. Y.
B.S. in Educ. (State University College, Oneonta, New York)
Field of Specialization: Home Economics

Fernando Emilio Olguin-Romero, Mexico City, Mexico
D.V.M. (National University of Mexico)
Field of Specialization: Veterinary Medicine

Richard Allan Orriss, Mountain Lakes, N. J.
B.S.E. (Princeton University)
Field of Specialization: Electrical Engineering

Katherine Louise Percy, Twinsburg
B.S.
Field of Specialization: Microbiology

Eswaral Gopaldas Phadia, Hyderabad, India
B.A. (Osmania University);
M.A. (Karnatak University)
Field of Specialization: Mathematics

Gosta Georg Poldemann, Summitville
B.E. (Youngstown University)
Field of Specialization: Electrical Engineering

James Joseph Powers, Ashley
B.S. (University of Notre Dame);
M.D.
Field of Specialization: Physical Medicine

Richard Halford Pritchard, Ware Shoals, S. C.
B.S. (Duke University)
Field of Specialization: Chemistry

Alan Toby Radnor, Shaker Heights
B.A. (Kenyon College)
Field of Specialization: Anatomy

Zarina Anwar Rasheeduddin, Omaha, Nebr.
M.B.B.S. (University of Karachi)
Field of Specialization: Medicine

Randall Robert Reiter, New Lenox, Ill.
B.A. (University of Iowa)
Field of Specialization: Computer and Information Science

John Jacob Rheinfrank, III, Columbus
B.I.E.
Field of Specialization: Industrial Engineering

Joseph Earl Rinehart, Waldo
D.V.M.
Field of Specialization: Veterinary Preventive Medicine

Robert John Robbins, Columbus
B.E.E.
Field of Specialization: Electrical Engineering

Nancy Jean Robson, East Liberty
B.S. in Med.Diet.
Field of Specialization: Preventive Medicine

Gary Gene Rogers, Miamisburg
B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Roger Lee Rose, Reynoldsburg
B.S. in E.E. (University of Akron)
Field of Specialization: Industrial Engineering

Harry Rozmiarek, Pulaski, Wis.
B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Medicine

David Jeffrey Russell, Xenia
B.M.E.
Field of Specialization: Mechanical Engineering

Kulbir Sabharwal, Kurukshetra, India
B.Sc., M.Sc. (Punjab Agricultural University)
Field of Specialization: Dairy Technology

Richard Salvador, Columbus
B.S. (Oviedo University, Spain); M.S. (Rensselaer Polytechnic Institute)
Field of Specialization: Computer and Information Science

Edgar Enrique Sanchez-Molina, Bogota, Colombia
Ing. Civil (Universidad de la Gran Colombia)
Field of Specialization: Civil Engineering

Carl Nelson Schaufele, South Hamilton, Mass.
A.B. (Wheaton College)
Field of Specialization: Physics

Henry Erven Schmitt, Canby, Ore.
B.S. (Oregon State University)
Field of Specialization: Agricultural Education

Thomas Michael Seed, Glen Rock, N. J.
B.A. (University of Connecticut)
Field of Specialization: Microbiology

Maurice Eugene Sellers, Delaware
B.S. in A.S. (Kent State University)
Field of Specialization: Pathology

Allen Rae Shade, Columbus
B.A. (Ohio Wesleyan University);
M.D.
Field of Specialization: Obstetrics and Gynecology

*Don Delbert Sharp, Jr., Amanda
Field of Specialization: Agricultural Education

James Howard Shogog, Cincinnati
B.S. (Central State University)
Field of Specialization: Zoology

Ming Shih, Taipei, Taiwan
B.M. Dentistry (National Taiwan University)
Field of Specialization: Dentistry

Daniel Ray Shirey, Columbus
B.Met.E., J.D.
Field of Specialization: Metallurgical Engineering

Lanny Dale Sims, Zanesville
B.S.E.E. (Ohio University)
Field of Specialization: Electrical Engineering

Richard Harold Sines, Columbus
B.A. (Miami University)
Field of Specialization: Mathematics

Douglas Edwin Smith, Akron
B.Ch.E.
Field of Specialization: Chemical Engineering

Brian Richard Smyth, Mansfield
B.S.
Field of Specialization: Computer and Information Science

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

- Gloria Amelia Sola, Bethesda, Md.
B.S. (University of Kentucky)
Field of Specialization: Animal Science
- Narong Sopak, Samudsongkram, Thailand
B.Sc. (Kasetsart University)
Field of Specialization: Civil Engineering
- John William Spence, Dayton
B.S. (Virginia Military Institute)
Field of Specialization: Chemistry
- Patricia M. Stanaszek, Chicago, Ill.
B.S. (Eastern Illinois University)
Field of Specialization: Pathology
- Reinhardt Edward Steger, Mansfield
B.Cer.E.
Field of Specialization: Ceramic Engineering
- David William Stevens, Cincinnati
B.S.
Field of Specialization: Computer and Information Science
- Richard Clyde Stevens, Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Frances Virginia Stohl, Forest Hills, N. Y.
B.A. (Queens College)
Field of Specialization: Mineralogy
- Robert Jerome Stoll, Jr., Sandusky
B.S. in Agr.
Field of Specialization: Zoology
- Grosvenor Cook Story, III, Lowell
B.M.E.
Field of Specialization: Mechanical Engineering
- Richard Tavgian, Toledo
B.S. (University of Toledo); D.D.S.
Field of Specialization: Dentistry
- Sandra Snyder Thatcher, Columbus
B.S.H.Ec. (Ohio University)
Field of Specialization: Home Economics
- William Harry Tobias, Dayton
B.S. (University of Dayton)
Field of Specialization: Mathematics
- Michael Lawrence Ulrey, Mt. Vernon
B.A. (Kenyon College)
Field of Specialization: Mathematics
- Donald Michael Wachsberger, Columbus
B.S. (Purdue University)
Field of Specialization: Computer and Information Science
- Connie Ruth Warren, Cleveland
B.S.
Field of Specialization: Computer and Information Science
- Leland Earl Watkins, Groveport
B.S. in Agr.
Field of Specialization: Animal Science
- Alberta Kathryn Weingart, Dayton
B.S. in Nurs. (Loyola University);
B.S. in Edu.
Field of Specialization: Anatomy
- Larry Lee Wiese, Columbus
B.S. (University of California, Los Angeles)
Field of Specialization: Physics
- John Fredric Wilker, Cleveland
B.S. in Met. Engr. (Purdue University)
Field of Specialization: Metallurgical Engineering
- John Howard Williams, Worthington
A.B. (Earlham College); M.D. (Indiana University)
Field of Specialization: Pathology
- Robert William Wolf, Jr., Cincinnati
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Philip Kent Wood, Worthington
B.A., M.D.
Field of Specialization: Physical Medicine
- John Walter Woods, Harrisville
A.B. (Marietta College); M.D.
Field of Specialization: Surgery
- Kathryn Suzanne Wright, Milford
B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Andrea Anne Zachary, Brecksville
B.S.
Field of Specialization: Microbiology
- Gerald William Zimmerman, Indianapolis, Ind.
B.S. (Capital University)
Field of Specialization: Physiology
- Albert Franklin Zirkle, Herndon, Va.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Roy Charles Zolnoski, Columbus
B.S. (E.E.) (Polytechnic Institute of Brooklyn)
Field of Specialization: Electrical Engineering
- Edwin Eugene Zorn, Hamilton
B.S. in Agr.
Field of Specialization: Animal Science
- Channing Moore Zucker, Lansdowne, Pa.
A.B. (Bowdoin College)
Field of Specialization: Geodetic Science
- Master of Social Work**
Seventy-two candidates
- Anne Douglass Belt, Maumee
B.A. (University of Pennsylvania)
Field of Specialization: Social Work
- Michael Stephen Bennett, Elyria
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Frances Wagenhals Bradford, Columbus
B.A.
Field of Specialization: Social Work
- Dorothy Mueller Braun, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work
- Edward Francis Carter, Bedford
B.A. (Kent State University)
Field of Specialization: Social Work
- Robert Lee Chapman, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Gloria Bond Cooper, Gates Mills
B.S. in Soc. Adm.
Field of Specialization: Social Work
- Anne Elizabeth Croskey, Miamisburg
B.A. (Otterbein College)
Field of Specialization: Social Work
- Margueryte Bates Crum, Cincinnati
B.S.G.S. (University of Cincinnati)
Field of Specialization: Social Work
- Alan Seth Engel, Youngstown
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Edwin Joseph Faessler, Norwood
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Evelyn Botts Farmer, Youngstown
B.A. (Central State University)
Field of Specialization: Social Work
- Goldie Kramer Fisher, Columbus
A.B. (Brooklyn College)
Field of Specialization: Social Work
- Franz Frederick Fitzer, Portsmouth
A.B. (Capital University)
Field of Specialization: Social Work

- Laural Sharp Flanagan, Columbus
B.S. (Louisiana State University)
Field of Specialization: Social Work
- Ann Blitzstein Folb, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Harold Oliver Frontz, Cambridge
B.S. (Muskingum College)
Field of Specialization: Social Work
- Whai-Ming Fu, Taipei, Taiwan
B.A. (National Taiwan University)
Field of Specialization: Social Work
- Elizabeth Robinson Gaidry, Loveland
B.A. (Maryville College)
Field of Specialization: Social Work
- Richard George Gebhardt, Columbus
B.S. in Educ. (University of Akron)
Field of Specialization: Social Work
- Roslynn Schiffman Golden, Cincinnati
A.B. (Brooklyn College)
Field of Specialization: Social Work
- Margaret Matesich Gruenke, Newark
B.A. (Albertus Magnus College)
Field of Specialization: Social Work
- Charles Henry Hoag, Alliance
B.S. in M.E. (Case Western Reserve University)
Field of Specialization: Social Work
- Robert James Hudson, Fairborn
B.A. in Gen. Ed. (Municipal University of Omaha)
Field of Specialization: Social Work
- Thomas Robert Israel, Ada
B.S.Ed. (Ohio Northern University)
Field of Specialization: Social Work
- Jane Susan Jacobs, Granville
B.A. (University of Pennsylvania)
Field of Specialization: Social Work
- Eloise Forker Jenks, Columbus
A.B. (Grove City College)
Field of Specialization: Social Work
- Thomas Michael Jenks, Columbus
A.B. (John Carroll University)
Field of Specialization: Social Work
- Sylvia Williams Johnson, Williamsport
B.A. (College of Wooster)
Field of Specialization: Social Work
- Kathryn Michiyo Kato, Portland, Ore.
B.A. (Willamette University)
Field of Specialization: Social Work
- Roman Joseph Kehres, Tiro
A.B. (Pontifical College Josephinum)
Field of Specialization: Social Work
- Leah Herbert Kirkpatrick, Columbus
B.A. (Florida Southern College)
Field of Specialization: Social Work
- Mary Battrell Lorimer, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Elena Virginia Macias, Sacramento, Calif.
B.A. (Sacramento State College)
Field of Specialization: Social Work
- Gene Autry Mason, Wichita, Kan.
B.Sc. in Educ. (Lincoln University)
Field of Specialization: Social Work
- Jon Ralph McEntyre, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Nancy Fox McIntyre, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Mary Louise Millarve, Hollywood, Fla.
B.A.
Field of Specialization: Social Work
- Charlene Catherine Miller, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- James Leonard Miller, Parkersburg, W. Va.
B.A. (West Virginia Wesleyan College)
Field of Specialization: Social Work
- Larry Neal Miller, Grayson, Ky.
A.B. (Morehead State College)
Field of Specialization: Social Work
- Jenny Garner Millsaps, Cincinnati
B.A. (University of North Carolina)
Field of Specialization: Social Work
- Joseph Calvin Moreland, Shaker Heights
A.B. (Gettysburg College) ; B.A. (Lutheran Theological Seminary)
Field of Specialization: Social Work
- Frances Purcell Morris, Columbus
B.A. (Virginia State College)
Field of Specialization: Social Work
- Walter Allan Packer, Mt. Sterling
B.A.
Field of Specialization: Social Work
- Andrew David Packman, Cincinnati
A.B. (University of Pennsylvania) ; B.H.L., M.A. (Hebrew Union College)
Field of Specialization: Social Work
- Joan Elaine Petersen, Trumbull, Conn.
B.A. (University of Wisconsin)
Field of Specialization: Social Work
- Catherine Bernhard Raymond, Chatham, N. J.
B.A. (University of Delaware)
Field of Specialization: Social Work
- Mary Katherine Stanton Reynolds, Canton
A.B. (Ohio University)
Field of Specialization: Social Work
- Roger Rice, Jackson
B.S. in Sec. Edu. (Rio Grande College)
Field of Specialization: Social Work
- Robert Dennis Riesenber, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Mary Angela Scerbo, Cincinnati
A.B. (Berea College)
Field of Specialization: Social Work
- James Robert Schefe, Bethel Park, Pa.
A.B. (Pontifical College Josephinum)
Field of Specialization: Social Work
- Cheryl Kubik Shearer, Toledo
B.A. (Lindenwood College)
Field of Specialization: Social Work
- Carolyn Rayner Short, Columbus
B.A. (University of Massachusetts)
Field of Specialization: Social Work
- Michael Carl Short, Columbus
B.S. (Georgetown College)
Field of Specialization: Social Work
- Arthur Foster Slater, Cincinnati
B.A. (Wiley College)
Field of Specialization: Social Work
- Carmanella L. Smith, Alapaha, Ga.
B.A. (Fort Valley State College)
Field of Specialization: Social Work
- Myra Parrish Smith, Madison Heights, Va.
B.A. (Virginia Union University)
Field of Specialization: Social Work
- Geoffrey Pace Steele, Columbus
B.A.
Field of Specialization: Social Work
- Audra Keener Stekli, Dayton
B.A. (University of Dayton)
Field of Specialization: Social Work
- Virginia Johnson Stephens, Lima
B.S. (Hampton Institute)
Field of Specialization: Social Work
- Charles Gilbert Striley, Cincinnati
B.A. (University of San Diego)
Field of Specialization: Social Work

Robert Stanley Suydam, Union, N. J.
B.A. (Bloomfield College)
Field of Specialization: Social Work

Ramona Elizabeth Temple, Upton,
Mass.
B.A. (Marietta College)
Field of Specialization: Social Work

Mary Ann Sullivan Terapane,
Cincinnati
A.B. (College of Notre Dame,
California)
Field of Specialization: Social Work

Harriet Lane Tower, Youngstown,
N. Y.
B.A. (Union College)
Field of Specialization: Social Work

Kristi Anderson Treptow, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Edward Charles Voss, Columbus
A.B., M. Div. (University of
Cincinnati)
Field of Specialization: Social Work

Richard Scott Wheeler, Sciotoville
B.S. in Edu.; M.A. (Marshall
University)
Field of Specialization: Social Work

Robert Reginald Wohlgemuth, Parma
B.S. in Soc. Wel.
Field of Specialization: Social Work

Wilamine Lawson Wykle,
Parkersburg, W. Va.
B.A. (Morris Harvey College)
Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
Acting Dean for Undergraduate Programs: Robert A. Oetjen

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

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Dean: Lee Riggsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

Five hundred and fifty-one candidates

Barry Norman Aab, Buckland
John Michael Abbott, Worthington
Fern-Louise Ack, Cleveland
Jan Lee Adkins, St. Clairsville
Gary William Allen, Columbus
Edgel Ray Alley, Columbus
George Rudolph Ambro, Cincinnati
Bonnie Sue Ammer, Toledo
Douglas Reed Ammon, Maumee
Saeed Ansari, Tehran, Iran
Richard Alan Applegate, North Canton
Jeffrey Bruce Arenswald, Beachwood
Robert Lee Arnett, Piqua
Jane Alice Atkinson, Lima
Susan Ethel Au, Akron
Robert Andrew Aufmuth, Mentor
Elisabeth Ann Aurand, Worthington
John David Austin, Jr., Hilliard
Karen Louise Aveni, Cleveland
Beth Ellen Babich, Marion
John Richard Baird, Columbus
Doranne Baker, Hasbrouck Heights, N. J.
David Anthony Balczunas, Parma
Peter John Balczunas, Parma
Suzanne Catharine Ball, Logan
Gary George Baltz, Naperville, Ill.
Michael Eugene Banta, Lewisburg
Donald Edward Barb, Westerville
Judith Ann Barnett, Mt. Vernon, N. Y.
Christine Barovian, Cleveland
Bruce Herschel Baskind, North Miami Beach, Fla.
John Parrish Beavers, Worthington

Linden Joe Beck, Vanlue
†Carolyn Weber Belden, Columbus
Richard Bernard Belkind, Lyndhurst
*Howard Reid Bell, Beachwood
Paula Kaye Benkart, Youngstown
Jerry Ellsworth Bennett, Columbus
Susan Jean Benson, Rocky River
Rickey Kieth Berger, Columbus
Janet Katherine Bertsch, Akron
Harold William Beu, Chillicothe
Donald Ralph Bishop, Jr., Fairview Park
Carol Ann Bloomberg, Cleveland
Paul Alan Bogenrief, Balboa Island, Calif.
Clifford William Bollenbacher, Marion
Rita Joanne Bova, Toledo
William Arthur Boyd, Elyria
Terry Charles Bradford, Germantown
James Francis Brandt, Columbus
†Ann Hathaway Brennan, Columbus
Michael Ray Brewer, Nitro, W. Va.
William Parker Bridges, Ontario, N. Y.
Paul Edmond Brisson, Olmsted Falls
*Stefan Jack Broidy, Columbus
Julia Todd Brooks, New York, N. Y.
John Junior Brothers, Cleveland
*Nancy Ellen Brown, Columbus
Stephen Douglas Broyles, Marion
Sue Ellen Brueggeman, Cincinnati
†Carol Ann Brunhoefer, Worthington
Patricia Lou Buker, Columbus
Kenneth Allen Bundza, Brecksville
David Leroy Burggraf, Cardington
David Max Burkons, Shaker Heights
John Andrew Burns, Columbus
Esther Susan Bushman, Philadelphia, Pa.
Terry Franklin Buss, Columbus
Nancy Lynn Bussert, Lithopolis
Carl Edward Bystrom, Sandusky
Robert Charles Cagen, Cleveland Heights
Nancy Jo Campbell, Northfield
Sherry Elaine Cantwell, Parkersburg, W. Va.
Jeanne Beatrice Caponigro, Cleveland
Monika Petat Card, Columbus
Susan Carr, Wilmington
Robert Donald Castor, Lexington
Mary-Margaret Catalano, Westlake
James Joseph Catteau, Columbus
Larry Gray Cecil, Caldwell
Kenneth Edwin Chapin, Nashport
Eugene Calvin Cheatham, III, Columbus
Dennis Eugene Chipps, Mt. Gilead

Elaine Margaret Christ, Bethesda, Md.
Barbara Ellen Circosta, Shadyside
Michele Ann Cisco, Mayfield Heights
James Thomas Clager, Columbus
Gary Allen Clapham, Columbus
Jane Ellen Clapp, Willoughby
Frederick Clinton Cleaver, Mt. Pleasant
William George Cockrum, Columbus
George Edward Coey, Bremen
Thomas Joseph Cogan, Columbus
Dena Lynn Cohen, Canton
Gary John Colahrese, Columbus
Harold Dean Conley, Columbus
Steven Frederick Conn, Columbus
Julia Twomey Connell, Adel, Ga.
Charles Herbert John Cook, Lima
William Emons Cooper, Jr., Bogota, N. J.
Larry Gene Copeland, Wapakoneta
Ellen Theresa Corbett, Columbus
Barbara Ann Corn, Columbus
Ernest Louis Corsi, Garfield Heights
Edward Thomas Costello, Toledo
Jon Douglass Counts, Bay Village
Craig Steven Cowit, Flushing, N. Y.
Winifred Wiseman Crabbs, Columbus
Herbert Eugene Craig, III, Middlefield
Marilyn Abrienne Cramer, Columbus
Shana Marie Craumer, Waverly
Jeffrey Jay Crow, Akron
Dennis Michael Crutchley, Costa Mesa, Calif.
Roger Allen Culbert, Fremont
David Alan Dachner, Columbus
Sally Virginia Dausch, Rochester, N. Y.
Frederick Edward Davis, Jr., Yellow Springs
Gail Fotheringham Davis, Columbus
Linda Lee Dawson, Columbus
Douglas Henry Dearth, Columbus
Leslie Roschman Dennis, Dayton
Michael Philip DePirro, Jr., Girard
Denis Michael deVlaming, Amityville, N. Y.
Nathan Philip Diamond, Brooklyn, N. Y.
Frank DiFiglia, Buffalo, N. Y.
Melinda Lou Disney, Cincinnati
Nancy Kay DiTomaso, Canton
Ronald Frank Doyle, Vienna, W. Va.
Janet Sue Drake, Wheelersburg
Stanley Bruce Dritz, Euclid
* Also Bachelor of Science in Education, College of Education
† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Laura Ann Druga, Farmdale
 Helena E. Dubczak, Cleveland
 Jerry Thomas Duffey, Dayton
 Richard Gary Dunberg,
 Westbury, N. Y.
 Jay Donald Dunfee, Columbus
 Robert Thomas Dunlevey, Dayton
 Rex Burton Easley, Defiance
 Kenneth Robert Eaton, Jr., Hilliard
 Thomas Paul Eberhardt,
 Allentown, Pa.
 Robert Charles Eger, Cincinnati
 Don Michael Eggspuehler,
 Iowa Falls, Ia.
 *Linda Marie Eiben, Cleveland
 Marilyn Barbara Eisenberg,
 Cincinnati
 Stephen Moore Eldredge,
 Barrington, Ill.
 James Thomas Elwell, Columbus
 James Barry Emden,
 East Rockaway, N. Y.
 Charles Michael Epperley, Dayton
 Gregory John Ermenc, Cincinnati
 Dennis Mark Eshbaugh, Dayton
 Leslie Robert Evans, Cleveland
 Bradley Ferencz, Caldwell, N. J.
 Robert Michael Fertel,
 Shaker Heights
 Dennis Hamilton Fike, Euclid
 Rex David Fiske, Tiffin
 Michael Robert Foldes, Endwell, N. Y.
 Jeffrey Tice Folkerth, Columbus
 †Karen Roxanne Frankel, Toledo
 Iris Judith Frederick, Steubenville
 Marc Richard Friedman,
 New York, N. Y.
 Daniel Louis Frisa, Buffalo, N. Y.
 Jeffrey Kelsey Furrow, Lima
 Thomas Albert Gabrielson, Dayton
 Timothy Allen Gallogly, Worthington
 William Dinan Gammie,
 Berlin Heights
 Delbert Franklin Garnes, Columbus
 Linda Martinson Gartman, Columbus
 Leeann Gatchell, Findlay
 Gerry Gaydos, North Olmsted
 Mark Gabriel Gellar, New York, N. Y.
 Alan Charles Gerbock, Cleveland
 Gail Ruth Gilbert, Shaker Heights
 Jerome R. Glaser, Mentor
 Joyce Marsha Glaser,
 Plainview, N. Y.
 Michael Victor Gloze, Pickerington
 George Allison Goehl, Columbus
 Karlene Maria Goldbach, Avon Lake
 Harris Bruce Goldenberg, Chicago, Ill.
 James Ernest Gorius, Newark
 Cynthia Lee Gossick, Dayton
 James Milton Graber, Barberton
 †Sharon Lee Grable, Dayton
 Nicholas Craig Graor, Brecksville
 Frederick Hazen Green, Thompson
 John Terrence Green, Marion
 Robert William Green, Attica
 Mark Ira Greenwald, Bronx, N. Y.
 Douglas Benning Gregg, Nevada
 James Richard Gregory, Columbus
 Mary Elizabeth Grisco, Cincinnati
 †Cheryl Ann Grosso, Mansfield
 Victoria Dinga Grove, Columbus
 Daniel Allen Grovemiller, Kirtland
 Paul Wilson Groves, Malaga
 Wolodymyra Gudz, Canton
 Jacqueline Otto Guzell, Ottawa
 Stanley Daniel Guzell, Jr.,
 Strabane, Pa.
 Dennis Charles Haas, Columbus
 Diane Siegel Haas, Columbus
 B.S. in Edu.
 Sue Ann Habel, Kettering
 Robert Lynn Hall, Jr., Baltimore
 Nancy Lynn Hallock, Chicago, Ill.
 Sharon Lee Hamersley, Columbus
 Dawn Anne Hammer, Morris, Ill.
 James Andrew Hammerschmidt,
 Moorestown, N. J.
 James Robert Hand, Newark
 Dominic Joseph Hanket, Columbus
 John David Harker, Columbus
 James Richard Harris, Columbus
 Hope Jeanene Hartman, Cincinnati
 †Helen Jane Hatcher, Columbus
 Gary Haugland,
 Huntington Station, N. Y.
 Richard Allen Haupt, Sumner, Ia.
 Lewis Eugene Hawk, Columbus
 Richard Charles Hayes,
 Northbrook, Ill.
 Elizabeth Sidwell Hayhow, Columbus
 *Gregg Charles Heacock, Boardman
 Linda Elaine Heaton, Columbus
 Larry Ronald Hedrick, Omaha, Nebr.
 Lucinda Joan Heinmiller, Columbus
 Rita Marie Heinmiller, Columbus
 William Albert Henley, Columbus
 Barbara Lynn Herczog, Lyndhurst
 Carolyn Jeanette Herman, Willowick
 Ana Maria Hernandez, Cleveland
 Ericsson Joseph Herpmann, Bath
 Margaret Jean Herr, Cincinnati
 John Rohrer Hess, Richwood
 Christine Highnam, Mt. Vernon
 George Edward Hill, Massillon
 Carl Philip Hirsch, Chillicothe
 Edward Michael Hockicko,
 Youngstown
 Dain Joel Hodges, Edgewater, Md.
 Mary Katherine Hoebel,
 North Canton
 Warren Geoffrey Hohwald, Columbus
 Andrew Charles Holiner,
 Brooklyn, N. Y.
 Virgil Vincent Hollingsworth,
 Columbus
 Daniel Lewis Hopper, Columbus
 Carroll Ann Hopton, Worthington
 Mary Lynn Horak, Lima
 David Joseph Horn, Brooklyn, N. Y.
 Gary Allan Hotz, Cleveland
 David Kenneth Houser,
 Lake Worth, Fla.
 David Earl Howe, Euclid
 Jerry Lynn Howett, Troy
 Thomas Lee Hudson, Columbus
 James Robert Hulls, Columbus
 Stephen Bennett Hunter,
 Englewood Cliffs, N. J.
 Leila Lynne Hutchison,
 Cleveland Heights
 Gary Earl Hyatt, Gahanna
 James Jablonski, Elyria
 Carole Jeanne Jacobs,
 Hillcrest Heights, Md.
 Stephen Michael Jarvis, Columbus
 Edward Bruce Jennings, Akron
 Ellen Stuart Johns, Annandale, Va.
 *Cheryl Mae Jones, Youngstown
 Raymond Reuben Jones, Circleville
 Robert James Jones, Columbus
 David Allen Jump, Willard
 Donald Warren Kaitz,
 Cedarhurst, N. Y.
 Maija Kalejs, Chagrin Falls
 Eric Norman Kampfe, Hamilton
 John Walter Kanieski, Cleveland
 James Raymond Kapel, Akron
 Leon Allan Kappelman,
 Hollywood, Fla.
 Karen Sauer Kapson, Columbus
 *Ted Robert Katterheinrich,
 New Knoxville
 Barbara Roe Kay, Mobile, Ala.
 Kenneth Ralph Kaye, Cleveland
 William Hill Keating, Columbus
 Alicia Sue Kellogg, Caledonia
 Linda Sue Kerns, Bellefontaine
 James Dewey Kirk, Toledo
 Susan Lee Kirsner, Toledo
 Dennis Alan Kissel, Avon
 Carl Anthony Klein, Kettering
 James Willard Klingler, Somerset
 Robert Joel Knable, Youngstown
 * Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

William Henry Knox, Circleville
 Charles Henry Knull, Urbana
 Michael John Kobold, Omaha, Nebr.
 Judith Louise Koch, Bay Village
 Roland Edward Koch, Milford
 Martin Howard Kodish, Akron
 William Arthur Koerner, Edgerton
 John Michael Kostak, Bay Village
 Mary Barbara Kostelnik, Berea
 Carl John Kotheimer, Boardman
 Thomas Henry Kothman, Fairborn
 Herbert Irwin Kowalsky,
 New York, N. Y.
 William James Kraus, Cincinnati
 Dennis John Kroger, Cleveland
 John Charles Kubat, Cleveland
 Raymond Thomas Kulcyski,
 Bound Brook, N. J.
 John Alan Kulesza, Cleveland
 Constance Bonny Roxane Kurt,
 Jefferson
 Mark Stephen Lally, Columbus
 Alan Roy Lang, Cincinnati
 Larry Jay Larrimer, Columbus
 George David Laur, Holgate
 Anne Marie Leggett, Columbus
 Robert Cooper Leher, Denver, Colo.
 Ellen Susan Leinoff, Paterson, N. J.
 Fred Norman Lembeck,
 Hollywood, Fla.
 Patricia Kay Leonard, Cleveland
 David Michael Levin,
 University Heights
 Bruce Edwin Levine, Plainfield, N. J.
 Dee Emmel Lewis, Columbus
 James William Lewis, Columbus
 Neil Bruce Liber, Columbus
 Paula Louise Lichter,
 Longmeadow, Mass.
 Donn Robert Lidington, Willard
 Marjorie Maida Lifsen,
 Mt. Vernon, N. Y.
 Daphne Ann Loew, Cincinnati
 Gerald Furlong Loughman, Jr.,
 Rossford
 Jeffrey Michael Louis, Blacklick
 John Michael Lowry, Columbus
 Stephen Henninger Lowry, Kettering
 Frank Eugene Lozano,
 Englewood, N. J.
 David Francis Lucid, Englewood
 Jeffrey Hamilton MacArthur, Toledo
 Patricia Ann Machado, Cleveland
 Sally Ann Mackey, Shelby
 Henry A. Maffeo, II, Brighton, Mass.
 Michael Brian Maher,
 Short Hills, N. J.
 Edward Dennis Makruski, Elyria
 James Joseph Maley, Cleveland

Nancy Adele Margand,
 New Rochelle, N. Y.
 *Jonathan David Marks,
 Shaker Heights
 Beata Martha Marossy, Franklin
 John Byron Martin, Shelby
 Jonpaul Rogers Martin, Leavittsburg
 William J. Martin, Minerva
 James Patrick Masterson, Cleveland
 Richard Jeffery Mathews, Bellville
 B.S.
 Sandra Kay Maxwell, Columbus
 Gene Howard Mayfield, Crestline
 Alice Louisa Mayo,
 White Sulphur Springs, W. Va.
 David Craig McCasland, Westerville
 William McCleary, Jr., Akron
 Larry Allen McElwee, Hillsboro
 Robert Alan McGee, Mansfield
 Elizabeth Jane McGill, Lebanon
 Susan Louise McGill, Worthington
 Janis Mae McGinty, Fairview Park
 Robert Hugh McGovern,
 Yonkers, N. Y.
 Richard William McGowan,
 Youngstown
 John Davis McIlquham,
 Uniondale, N. Y.
 Bryan Ford McIntyre, Columbus
 Richard Allen McNeely, Dayton
 Ralph Richard Mecca, Pittsburgh, Pa.
 Judith Arolyn Mellin,
 Framingham, Mass.
 Arcadia Helene Melnyk, Columbus
 Bernard Jay Mendlowitz,
 McKeesport, Pa.
 Daniel Jay Miller, Lexington
 Gary Lee Miller, Cleveland Heights
 Harry Miller, University Heights
 Joseph Edward Miller, Jr., St. Marys
 Robert LaVerne Miller, Mansfield
 Nancy Joyce Minson, Cincinnati
 Roger Vaughn Mize, Columbus
 John James Moffett, Sandysville
 Thomas Nelson Montelauro,
 Sandusky
 Terry William Moore, Worthington
 Jon Arnold Moorehead, Zanesville
 Jessie Ann Mordoff, Columbus
 Donald Jay Morganstern,
 Rahway, N. J.
 Margaret Ann Morris, Canton
 John Joseph Moss, Cambridge
 Bruce Stevens Mowery, Columbus
 Barbara Jean Moxley,
 North Royalton
 Allan James Moynihan, III, Cleveland
 Eric Edward Muceus, Dayton

Michael James Munsch, Columbus
 Frank Vincent Murphy, III, Marion
 Timothy Edward Murphy, Columbus
 Carla Faye Myers, Akron
 Patricia Ann Myers, Dayton
 †Yvonne Lynn Napier, Cincinnati
 John Edward Nawalanic,
 South Euclid
 Robert John Nemcik, Youngstown
 Susan Marie Newell, Cleveland
 Byron Edward Newland,
 Dunwoody, Ga.
 Christine Nossaman, Chesterfield, Mo.
 Jeffrey Allan Oakes,
 Orchard Lake, Mich.
 Carla Louise Ober, Upper Sandusky
 Stanley John Obloy, Jr., Cleveland
 John Michael O'Neal, Springfield
 Patricia Ann O'Rourke, Columbus
 *Harry Arthur Orris, Painesville
 John Philip Osborn, Bucyrus
 Cherith Day Osuga, Columbus
 William Michael Owens, Coshocton
 Lawrence John Paglioni, Columbus
 Evalyn Conwell Parks, Worthington
 Zoriana Motria Paschyn, Lorain
 †Judith Pritchard Pausch,
 Uhrichsville
 Robert Clair Paxton, II, Caldwell
 Holly Marcia Pearl, Chicago, Ill.
 Niels Mortensen Perkins, Jr.,
 Columbus
 John Niels Perlman, Columbus
 John Edward Peters, Columbus
 Pamela Pierce Petrovic, Columbus
 Eileen Patricia Pettit, Tallmadge
 Barbara Lynn Phillips, Beverly, N. J.
 *Timothy Carl Phillips, Canton
 Robert Edwin Pitts, Chillicothe
 Andria Leons Podnieks, Loudonville
 Larry Strine Porter, Marion
 Gregory Eugene Potts, Portsmouth
 Gregory George Prasher, Mansfield
 Frances Elaine Pratt, Delaware
 Karen Elizabeth Printy, Fremont
 Weston Marshall Radov, Erie, Pa.
 Elaine Radzevich, Avon, Conn.
 Ben Duncan Ramaley,
 Lake Forest, Ill.
 Carol Hausman Ramaley,
 Lake Forest, Ill.
 Donald Lester Ramsey, Huron
 Benjamin James Randall,
 University Heights
 Thomas Lee Ratliff, Columbus
 Robert Walter Rauck, Hamilton
 * Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

Brian Lyle Rayner, Dayton
 Margaret Appel Reidl, Columbus
 Paul Reifer, Pittsburgh, Pa.
 Michelle Penney Reinbolt, Oregon
 Ruth Ann Renneker, Worthington
 Glenn Hugh Revere, Cleveland
 Margaret Locker Rhodes, Columbus
 John Creede Riley, Westwood, Mass.
 Keith Lester Rinehart, Columbus
 Dard Frank Ringenbach,
 Arlington, Va.
 Randall Brent Ringwald,
 Middle Point
 James Allen Rishbarger, Greenhills
 Robert Allen Rizzardi, Lafferty
 Henry Kirby Roberts, Columbus
 Geoffrey King Robinson,
 King of Prussia, Pa.
 John Edward Rock, Wilmington, Del.
 George Henry Rolfes, Jr., Cincinnati
 William Vincent Roll, Zanesville
 Susan Saks Rubel, Gadsden, Ala.
 *Charlane Marie Russ, Grove City
 James DiSandro Ryan, Columbus
 Robert Joseph Ryan, Springfield, N. J.
 Gary Coleman Ryckman, Columbus
 James Allen Sands, Mt. Vernon
 Phillip Raymond Saneholtz, Napoleon
 Danny Lee Sankey, Cleveland
 Arthur Andrew Sankovich, Bellaire
 Walter Saproinov, River Grove, Ill.
 James William Sayers, Montpelier
 Mary Jane Scharf, Hewlett, N. Y.
 Diane Maxine Schimmelman, Dayton
 Friedrich Schmidt, Mansfield
 Joseph Harold Schmidt,
 North Olmsted
 Nancy Fern Schneider, Springfield
 Terrance Lee Schneider, Springfield
 Helen Anne Schoen, Columbus
 Liga Danenbergs Schubach, Columbus
 Arnold Philip Scribner,
 Providence, R. I.
 †Lois Jacobs Sechler, Cincinnati
 Robert Vincent Secrist, Jr.,
 Bay Village
 Janet Diane Segal, Cleveland Heights
 Cheryl Anne Segrist, Swanton
 Susan Jo Severance,
 Madison Heights, Mich.
 Gerald Vito Sgro, Cleveland
 Jay Christopher Shaffer, Cincinnati
 Aaron Shainis, Washington, D. C.
 Paul Simon Shaker, Niles
 David George Sharnoff,
 Westport, Conn.
 Rita Kay Sharpe, Xenia
 Charles Runyan Shelly, Milford

Barry Alan Shepard, Shaker Heights
 David Hampton Sherman,
 Worthington
 Maria Sue Sherman, Baltimore, Md.
 Edward McKinley Shields, Columbus
 Donald Oren Shulman, Trenton, N. J.
 Anthony Michael Siclair, Galion
 Barbara Susan Siegel,
 Cleveland Heights
 Lloyd Warren Siegel, South Euclid
 Warren James Sika, Garfield Heights
 Richard Martin Simon,
 Brookline, Mass.
 Terry Linn Simpson, Cadiz
 Ransom Everett Slack, Marietta
 Kay Pierce Smith, Reynoldsburg
 Kent Reed Smith, Elida
 Richard Wayne Smith,
 Horseheads, N. Y.
 Stephen Lloyd Smith, Defiance
 Susan Lenora Smith, Mansfield
 Michael Hart Sporn, Dayton
 Carole Lynne Spring, Columbus
 Francis Edwin Spring,
 Pittsburgh, Pa.
 Horst Peter Stehmer, Cincinnati
 Rainer Erich Steinhoff, Worthington
 Lonnie Thomas Stephen, Jerusalem
 Linda Ann Sterrett, Cleveland
 Diane Rachel Stiebel, Shaker Heights
 Gerald Alan Stimmel, Kettering
 Rosalie Ann Stluka, Columbus
 Michael Allen Stone, Columbus
 John Howard Stowe, Columbus
 *Diane Marilyn Strock, Wooster
 Dorothy Swank Summy, Ashland
 Sara Jane Sussman, Passaic, N. J.
 †Regina Mary Swanson, Lansing, Ill.
 Valerie Elaine Tate, New York, N. Y.
 Jeremy Pierson Taylor,
 Cleveland Heights
 Karen Louise Tetirick, Columbus
 Cathy Ellen Thornton, Piqua
 Peter William Till, Mineola, N. Y.
 Paul D. Travis, Sylvania
 Larry Edwin Trover, Columbus
 Rollyn Craig Trueblood, Columbus
 Barbara Ann Turk, Willowick
 Peter Henrik Turkopuls, Cleveland
 Terry John Uecker, Lakewood
 Gwen Valore, Lakewood
 Ronald Dale VandenDorpel,
 Wyckoff, N. J.
 Philip Lee Verda, Oberlin
 Jack Charles Voller, Cincinnati
 Samuel David Waksal, Dayton
 John William Wall, Columbus
 Kathleen Margaret Walsh, Springfield

Richard Allen Waltz, Port Clinton
 Johnnis Cheryl Washington,
 Cleveland
 Kenneth Edward Wasserman,
 Wantagh, N. Y.
 Denise Louise Waters, Cincinnati
 Nancy Dorothy Weber,
 Carteret, N. J.
 Melvin Donald Weinstein, Dayton
 Bernard Weiss, Bayside, N. Y.
 Robert Peter Weiss, Mansfield
 Stephen William Westlake, Columbus
 Robert Clifford Whelan, Jr., Westlake
 Steven Roger White, Columbus
 William Gatewood White, Caledonia
 Craig Joseph Whitney, Springfield
 Carol Ann Widman, Norwalk
 Evan Jeffrey Williams, Columbus
 Burton Stephen Woda,
 Spring Valley, N. Y.
 Daniel Francis Wolfe, Dayton
 Judith Gayle Wolfe, Columbus
 Lorraine Cheryl Wolfe,
 Haddon Heights, N. J.
 Stanley Howard Wolpoff,
 Brooklyn, N. Y.
 Barbara Jean Wood, Barberton
 William Robert Woodward,
 Moorestown, N. J.
 Peter Wright, Washington, D. C.
 Patricia Johns Wuichet, Columbus
 Janet Marie Wynn, Cuyahoga Falls
 John Francis Young, Columbus
 Rose Barbara Yuster,
 New York, N. Y.
 William Andrew Zapp, Columbus
 Linda Ruth Zeman, Maple Heights
 Charles Herman Zimmerman,
 Columbus

Bachelor of Science

Three hundred and fifty-one candidates

James Floyd Adams, Portsmouth
 Joseph Thomas Adinaro, III,
 Mt. Vernon, N. Y.
 Kenneth Harold Adler,
 Cleveland Heights
 Theodore Joseph Alexander,
 Youngstown
 Gary Richard Altman, Findlay
 Carl Leonard Amodio, Poland
 Robert Stephen Anthony, Bellevue
 John Namer Aseff, Cleveland

* Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

Jo Cheryl Ashley, Anderson, S. C.
 James Kenneth Atchison, Dayton
 Arol Ray Augsburg, Lima
 Denis Frank Ausflug, Parma
 Eric Warren Baer, Celina
 Thomas Edwin Baker, Richwood
 Bernard Louis Baltz,
 Indianapolis, Ind.
 John Charles Barber, Sandusky
 Ronald Charles Barienbrock, Dayton
 Margaret Edwina Barnett,
 White Plains, N. Y.
 Barry Leigh Bartelt, Columbus
 Robert Keith Beamer, Sandusky
 Jay Earl Beilharz, Lima
 Joseph Carl Bennett, Portsmouth
 Jackie Berkowitz, Brooklyn, N. Y.
 Myron Morris Bessel, Middletown
 Walter David Betsch, Columbus
 Paul Jerome Bieszczad, Toledo
 Anthony Gary Bitonte, Youngstown
 Robert Anthony Bitonte, Youngstown
 Richard Frederick Blass, Conneaut
 John Lewis Blazar,
 University Heights
 Robert Peter Blonski, Cleveland
 Barry Robert Boeker, Toledo
 Bonita Lee Boger, Akron
 David John Bomersbach,
 Sumter, S. C.
 John David Bond, Akron
 Mark Allan Bookspan, Columbus
 Julia May Brakel, Worthington
 Michael Patrick Breiner, Lakewood
 Anna Marie Brezdun, Parma
 Lynn Emerson Brower, Westerville
 Danny Lee Brown, Spring Valley
 Diane Cheryl Brown, Bellevue
 Gerald Allan Brown, Columbus
 Linda Jean Brown, Columbus
 Ronnie Brownman, Dallas, Tex.
 Allan Sadler Brubaker, Eaton
 Donald Eugene Bruner, Johnstown
 Wolf-Dieter Nikolai Busch, Columbus
 William Kerr Butler, Wellston
 Ronald Bruce Carmen, Columbus
 Bruce Carter, New Plymouth
 George Edward Carver,
 Chalmette, La.
 Paul Joseph Casper, Worthington
 Page William Caufield, Cleveland
 Jonathan Stuart Clark, Columbus
 Martin Brian Clausing, Portsmouth
 Ronald Eugene Clinger, Forest
 Roberta Lee Colegrove, Columbus
 Roberta Hosier Conger, Peninsula
 Edward Vincent Conroy, Jr.,
 Olmsted Falls
 Bryan Richard Cook, Gahanna
 Terry Eugene Courtwright,
 Newcomerstown
 David Eric Cowall, Columbus
 Jeri Williams Cowan, Alliance
 Robert Eugene Cowan, II, Alliance
 James Edward Cox, Jr., Mansfield
 John Henry Croushore,
 Lockport, N. Y.
 Yvonne Eutrelida Cummings,
 Columbus
 Joseph Harold Daly, Elyria
 Thomas Richard Danford, Bellaire
 Michael Stephen Davis, Youngstown
 Robert Calvin Davis, Columbus
 Brent Gilbert Dennis, Toledo
 Patrick Charles DeVine, Columbus
 Jerry Don Dickey, Newark
 Dennis Salvatore DiMatteo,
 Youngstown
 Sharon Bliss Dinsmore, Kettering
 Ronald Edward Douglas, Columbus
 Bruce Alan Drum, Bryan
 Roland Roy Dute, South Amherst
 William Wesley Earney, Millersburg
 Gerald Robert Ehrsam, Toledo
 Stephen Ames Elbert,
 Middleburg Heights
 Larry Stephen Elliott, Columbus
 Mark Raymond Engel,
 University Heights
 Oliver Judson Engstrom, Harrisville
 Edward Edeburn Erb, Jr.,
 North Olmsted
 James David Evans, Hamilton
 Dale Francis Everett, Columbus
 Stephen Thomas Faehle, Columbus
 John Robert Fellows, Euclid
 Robert Jay Fish, Cambridge
 Eric Bruce Fisher, Wapakoneta
 John William Fitzharris, Jr.,
 Centerville
 Mary Carolyn Foushee, Reynoldsburg
 Gary Wayne Fout, Ridgeway
 Kathleen Carol Fox, Ashland
 Linda Kay Freeman, Springfield
 William Craig Fuller, Westerville
 Sharon Kay Garner, Columbus
 Joseph Verne Gary, Parma
 Cheri Lee Gealy, Sharon, Pa.
 Tom Vaughn Gerlinger,
 Cuyahoga Falls
 Elliot Stephen Gersh, Dayton
 Gary Lee Gillen, Bellefontaine
 Frank Leo Godorhazy, Columbus
 Daniel Berl Goldberg, Columbus
 Natalie Charlotte Gordon,
 Trenton, N. J.
 William Dennis Grady, Westlake
 Rene William Grieselhuber, Hamilton
 Karen Jeanne Griest, Springfield
 John Emmert Groff, Jr., Kettering
 Philip Joel Gross, South Euclid
 Gregory David Grucella, Akron
 Wayne Morris Gunckle, Germantown
 Archibald Francis Gunn, III,
 Columbus
 Kenneth Paul Hager, Parma
 Robert Walter Haller, Jr.,
 Bay Village
 James Warren Hanna, Ashtabula
 Timothy Craig Hawkins, Dayton
 Dana Lee Heacock, Mt. Gilead
 Richard Robert Hendrickx, Kenton
 Ferris Owen Henson, II, Piqua
 Diane Gail Hermann, Youngstown
 Norbert Horst Hertl, New Holland
 Judith Ann Hilty,
 Sandia Park, N. Mex.
 Seth Allen Hock, Columbus
 James Harold Hoffsis, Bucyrus
 Richard John Hohmann, Jr.,
 Barnegat Light, N. J.
 Forrest Douglas Holcombe,
 Worthington
 William Chapman Holliday,
 Youngstown
 Clifford Lee Val Holt, Bucyrus
 Nicholas Carl Horning, Dayton
 Roger William Horning, Lima
 Julia Ann Huffman,
 Shawnee Mission, Kan.
 John Anthony Huheey, Cincinnati
 Robert Kingsbury Hume, Toledo
 Susan Jill Humphrey, West Lafayette
 Stephen Joseph Hurst, Columbus
 Joseph Lawrence Imburgia, Warren
 Daryl Lynn Jacobs, Defiance
 Raymond Douglas Jerge, Lakewood
 Michael Allen Johnson, Bucyrus
 Paul David Johnson, Washington, D.C.
 Richard Terry Jones, Radnor
 Robert Charles Jordan, Massillon
 Joel Steven Justin, Cincinnati
 Steven Robert Kanner, Canton
 Alan Jeffrey Katz, Columbus
 David Allen Kayden, Gibsonburg
 Richard Robert Keenan, Cincinnati
 Marguerite Travis Kelbaugh,
 New Canaan, Conn.
 Richard Allen Kershaw, Euclid
 William Edward Kibbey, Columbus
 Carolyn Jo King, Gallipolis
 Dudley Arthur King, Defiance
 Steven Douglas King, Columbus
 Dee Ann Kinkade, Kettering
 Richard Charles Klein, Columbus
 John Richard Klepper, Dayton

Thomas Wayne Knupp, Ravenna
 Edward James Kobrinski, Seven Hills
 Fleetwood Raymond Koutz, Jr.,
 Columbus
 David John Kral, Euclid
 David Dean Krause, Massillon
 Everett Van Krichbaum, Columbus
 Warren Dean Kroeker, Fairborn
 Glenn Richard Kubina, Youngstown
 Robert Martin Kunis, Teaneck, N. J.
 Michael Alan Landers, South Euclid
 Steven Joseph Laning, Wheaton, Ill.
 Thomas LaVerne Lawrence,
 West Farmington
 Parker Lee, Canton
 George Eric Leigh, Cleveland
 Marian Janet Lenhart, Campbell
 Barry Alan Levin, Shaker Heights
 Robert Wilder Lewis, North Canton
 Thomas Elbert Lewis,
 Grand Junction, Colo.
 Lynne Anne Lieber, Newark
 John Robert Lindsay, Massillon
 Pamela Lee Long, Gahanna
 Robert Edward Longenbaker,
 Columbus
 Donald Ralph Loose, Grove City
 Dorothy Smith Lumsden, Louisa, Va.
 Barbara Carroll Lynch, Kettering
 Karen Swift Maigetter, Sharon, Pa.
 Michael Harry Malowitz, Youngstown
 Michael Harlan Mann, Dayton
 Steven Paul Marcolini,
 Englewood, N. J.
 Fred Sheldon Margolis, Lorain
 Richard Allan Markley, Mansfield
 David Uhl Martin, North Canton
 Suzanne Jane Marvin,
 New Philadelphia
 Betty Ann Mathis, Columbus
 Jay Dennis McClintic, Toledo
 George Paul McCormick, Worthington
 Daniel Norviel McGrath, Columbus
 Robert Orley McLaughlin, Jr.,
 Columbus
 James Andrew McMillan,
 Worthington
 Anthony Joseph Melaragno, Cleveland
 Corinne Merle Mello, Macedonia
 Paul Michael Mendelman, Columbus
 Mary Jo Anne Meo, Elyria
 James Edwin Metz, Coshocton
 Lynn Meyerson, Paterson, N. J.
 Walter Paul Mieczkowski,
 Worthington
 Brent Lawrence Miller,
 University Heights

Douglas Lawrence Miller,
 Steubenville
 Edward Earle Miller, Jr.,
 Pittsburgh, Pa.
 Michael Francis Minch, Kettering
 Frank John Misciasci, Jr., Cleveland
 Donald Kenneth Mitchell, Elyria
 Robert Len Mitchell, Akron
 Larry Alan Moore, Shreve
 Jo-Ann Mary Moritz, Poland
 Danny Lee Morrison, Barberton
 William Ernest Motts, Buckeye Lake
 Joseph John Mravec, Canton
 James Paul Musarra, Barberton
 David Luther Muth, Bucyrus
 Ronald Michelle Myers, Ashland
 Jeffrey Nagelbush, University Heights
 Steve Naltsas, Akron
 Mark Wade Naylor, Dayton
 Joseph Alan Newhart, Cincinnati
 Nancy Ann Newkirk,
 Ann Arbor, Mich.
 Teodora Ngo, Columbus
 Norman Arthur Nice, Barberton
 James Thomas Nicklay, Elyria
 John Paul Oberdier, Richwood
 Sally Hardin Odegaard, Columbus
 Carol Susan Oles, Canton
 David Stephen Orr, Indianapolis, Ind.
 Richard William O'Shaughnessy,
 Columbus
 William Hubert Overmyer, Perrysburg
 James Martin Parker, Wauseon
 Charles Benjamin Patterson,
 Greenville, S. C.
 Mindaugas John Pautienis,
 Cleveland Heights
 Robert Eugene Pearson, Jr.,
 Ashtabula
 Thomas Patrick Perone, Columbus
 Keith Michael Perry, Cincinnati
 Gerald Paul Petersen, Willoughby
 William Louis Phillips, Zanesville
 Steven Robert Pieracini, Carey
 Michael Jeffrey Pinter, Lorain
 George Michael Pipoly, Poland
 Judith Ann Post, Hillsboro
 Gerard Michael Prinz, LaGrange
 Thomas Anthony Puchalski, Fremont
 Kenneth Fred Pulkkinen, Ashtabula
 Francis Dean Putt, Sugarcreek
 Timothy John Raab, Dayton
 Curtis Alan Rahn, Elmhurst, Ill.
 Richard Jefferson Randolph,
 Portsmouth
 Larry Joseph Rapp, Columbus
 Bruce Allen Ratcliff, Troy
 Paul Alan Rehder, Grove City

Robert Geoffrey Reines,
 Shaker Heights
 Joann Kathrine Remshik, Parma
 Gregory Jeff Remy, Portsmouth
 John Robert Ribic, Amherst
 Donna Marie Richardson,
 Cleveland Heights
 Irwin Howard Richt, Bronx, N. Y.
 Robert F. Richter, Toledo
 Charles Russell Rittenhouse,
 Hamilton
 Michael Franklin Robinson,
 Durham, N. C.
 Herbert Knapp Rollins, III, Delaware
 Jack Roseberry, Ironton
 Gary Alan Roselle, Columbus
 Kenneth George Rosenthal, Euclid
 George Rothenstein, Cleveland
 Marvin Lee Rowe, Jr., Paterson, N. J.
 Thomas Patrick Ryan, Columbus
 Stanley R. Sadler, Jr., Coshocton
 Edward Conrad Samsel, Jr. Toledo
 Michael Leslie Schamis,
 East Meadow, N. Y.
 Gail Arlene Schechter,
 Silver Spring, Md.
 Dennis Robert Scheibel, Toledo
 Barbara Lee Scherzer,
 Maplewood, N. J.
 Theodore Daniel Schifrik, Parma
 Shelley Keith Schrier, Columbus
 Marilyn Marie Schwede, Cleveland
 Bernard Joseph Schwind, Jr.,
 Perrysburg
 Michael John Scianamblo, Dayton
 Gail Michele Semon, Belleville, Ill.
 Sedat Shaban, Mansfield
 Michael Herman Shaevitz, Columbus
 Norman Ray Shape, Waterville
 Mark Benjamin Shapira, Youngstown
 Ray Eugene Showman, Liberty Center
 August Patrick Sinicropi,
 Seneca Falls, N. Y.
 Winfield Scott Slocum, IV,
 Annapolis, Md.
 Steven Irving Smiga, Lakewood, N. J.
 Norris Kent Smith, Bay Village
 Randall Alan Smith, Columbus
 Roy Eugene Smith, Warren
 Alfred Lauren Sneeringer, Jr.,
 Shelby
 Don Blair Snoke, Utica
 William Westley Somers, Euclid
 Wayne Joseph Spetnagel, Chillicothe
 Larry Lee Steele, Nelsonville
 Kathleen Theresa Steiger, Lakewood
 Sandra Ann Stelnicki, Girard
 John Martin Stiefel, Shelby

College of the Arts

Dean: Lee Rigsby

Edward Harry Stolarski, Jr.,
Columbus
William Gene Strader, Columbus
Robert James Straubel, Columbus
Mark Stephen Strauch, Bucyrus
Jay Edward Swaidner, Toledo
Roger Lee Swallow, Wapakoneta
Timothy Blair Swango, Dayton
Roger Allyn Sweet, Middlefield
Jean Elizabeth Szikszay, Parma
Jerome Tabacca, Warren
Stephen Bernard Tankovich,
Columbus
Marcia Ann Thomas, Waverly
Robert Russell Thomas,
Cuyahoga Falls
Dwight Frank Thompson, Ashtabula
Gregory James Thompson, Willard
Maury K. Topolosky, Columbus
Michael Wayne Townsend, Fairborn
Bruce Weber Troutman, Dayton
William Clarke Tucker, Jr., Columbus
Eric Clifton VanGilder, Worthington
Michael Walter Vargo, Jr., Cleveland
Joseph Frank Velasquez, Lorain
Michael William Velten, Columbus
David Lloyd Vernier, Dayton
Harvey Ronald Vesha, Cleveland
Kern William Vogel, Fairfield
Terry Elaine Voss, Bellefontaine
Marianne Wallace, Aliquippa, Pa.
Constance Louise Wallick, Columbus
Richard Martin Watkins, Kenton
Gail Elizabeth Webb, Cleveland
Ronald Eugene Webb, Kingston
Jacob Webel, Akron
Alan William Weiner,
Belle Harbor, N. Y.
Bradley Gray Wertman,
New Lexington
James Mann Wherley, Stone Creek
William Joseph Whitton, Hamilton
Jack Lee Wilhelm, Amherst
William Craig Wilkin, Hillsboro
Brian Howard Williams, Edison, N. J.
Phillip Alan Wisecup, Livonia, Mich.
Stuart Arnold Wisotzky,
Brooklyn, N. Y.
Christine Marie Wolfe, Columbus
Gary Lee Wolford, West Mansfield
William Allen Zeyer, Adena
Mark Alan Zimmerman, South Euclid
Vicki Hall Zinszer, Trotwood

Bachelor of Fine Arts

Forty-nine candidates

Doris-Dace Abolins, Cleveland
Phyllis Elaine Baker, Arcanum
Sara-Louise Berkey, Cleveland
William Wheeler Boyce, III,
Mendham, N. J.
Esther Miriam Carpenter,
Carteret, N. J.
Gary Donald Carper, Louisville
Douglas Lee Chandler, Cleveland
Larry Lynn Clark, Lima
Christine Carol Demeter, Mentor
Ann Deborah Etsten,
Leominster, Mass.
Michele Rhoda Feldman, Youngstown
Jane Warnock Finneran, Worthington
Richard David Green, Cleveland
Larry Douglas Hand, Cincinnati
Lee Helen Hecklinger, Toledo
Lawrence Clark Hellring,
Springfield, N. J.
Charles Allan Hitchcock, Defiance
Marilyn Mabel Holsing, Louisville
Jo Ann Parkinson Holtrey, Edison
Richard Curtis Howell, Worthington
Lillian Gertrude Jessberger, Columbus
Carl John Johnson, Chicago, Ill.
Rowland William Kanner, Macedonia
Terri Nan Katz, Buffalo, N. Y.
Dennis Lee Kennedy, Worthington
Sharon Kay Kitchon, Columbus
Jerry Lee Kohli, Bluffton
Joyce Alice Larson, Vandalia
Joan Elizabeth Merrell, Elizabeth, N. J.
Timothy Dean Nole, Columbus
Gary Joseph Orehovec,
Broadview Heights
Judith Ellen Osborn, Columbus
Kathleen Chorpensing Schenck,
Powell
Paul Alfred Schirmer, Brooklyn, N. Y.
Wayne James Sheppard, Trenton, N. J.
Neil Chessin Siegler, Cleveland
Bevlyn Thall Simson, Columbus
Joyce Marie Edwards Starr, Columbus
Carole Hope Sternberg, Cleveland
Joseph Francis Stralka, Cleveland
Katherine Mary Tapocsi, Cleveland
Katherine Jeanne Toth, Brecksville
Margaret Hunt Turpening, Columbus
Sidney Ann Underwood, Columbus
Richard Ayres Warren, II, Columbus
Virginia Beamer Weinhold, Columbus
B.A. (Cornell University),
Kathy Ann Weinman, Toledo
Vernon Emerson Will, Columbus
Nancy Kay Zivitz, Miami Beach, Fla.

Bachelor of Music

Eight candidates

David Allen Chase, Columbus
Barbara Lynne Daniels, Granville
*Cinda Lou Kelly, Washington, C. H.
Carol Gemeinhardt McDaniel,
Columbus
Edward Edmonds Montgomery, Jr.,
Columbus
B.S. (Purdue University)
*Kenneth James Wene, Orwell
Patricia Ann Wood, Springfield
James Albert Yeager, Columbus

* Also Bachelor of Science in Education,
College of Education

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

Thirty-four candidates

Carl William Ashley, Jr., Canton
David Alan Banta, Pottstown, Pa.
Jennie Rae Buckner, Portsmouth
Donald Lee Cook, Nova
William Charles Cooper, II, Ironton
David Michael Dick, Tacoma, Wash.
Jack Raymond Farrell, Columbus
Karen Ann Gasdaska, Bethlehem, Pa.
David Alan Gollust, Painesville
Rexford Alan Hudson, Yellow Springs
Frederick Jadwin Huysman,
Upper St. Clair, Pa.
Christine Ann Jindra, Bedford
David Neil Kaplan, Newton, Mass.
Karen Jane Knost, Worthington
Anita Christine Lingard, Dayton
Stuart Meck, South Euclid
Cheryl Lynn Meredith, Bellbrook
Kathleen Alice Mikol, Cleveland
Nancy Bateman Morris, Deerfield, Ill.
James Merle Musser, Tiffin
Robert Frederick Musson,
Mountainside, N. J.
Dennis Ray Pollock, Coshocton
Nancy Kay Popa, Columbus
Katherine Jean Roth,
New Brighton, Pa.
David Claude Rowley, Ashtabula
Linda Sue Russell, New Albany
Shirley Ann Schneider, Westerville
Jo Anne Seibel, Mt. Sterling
Eileen Bea Slutsky, Sioux City, Ia.
Leonard Maximilian Solomon,
Cleveland
Teresa Anne Suter, Columbus
William George Waltz, Cincinnati
Burton Mark Weiss, Cleveland
Barry Nelson Winslow, Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

Three hundred and thirty-five candidates

Thomas Atchison Ables, Cambridge
Raymond Vito Accettura,
Wyckoff, N. J.
Bryan Adelman, Beachwood
Bernard Irwin Agin,
University Heights
Michael Andalora, Warren
Betty Jean Andreas, Worthington
David Stanley Andrews, Canfield
Lee Martin Ansel, Plainfield, N. J.
Gerald Mark Appel,
University Heights
Scott Louis Armstrong, Columbus
Stephen Alan Auld, Marion
Dennis Delbert Bailey, Cincinnati
Bruce Allen Baker, Columbus
Thomas Michael Baldwin, Bellbrook
Albert Martin Bandman,
New Brunswick, N. J.
Henry Felix Barbara, Detroit, Mich.
Michael A Barbee, Columbus
Charles Richard Barcus, Alliance
Floyd Lee Barker, Columbus
Rupert Nelms Beetham, Cadiz
David Clarence Beaver, Shadyside
Craig Odell Bernius, Cincinnati
Robert Barnett Bickert, Dayton
George Clark Biehl, Canton
Peter Knox Bigelow, Columbus
Alec Paul Bigelson,
University Heights
David Leslie Bishop, Canton
Calvin Robert Block, Cleveland
Joshua Bertram Blumental, Vienna
John Fredrick Blust, Ashland
Roger Alan Boltz, Akron
Robert Michael Borowitz, Columbus
Dwight Harden Bowden, Mentor
Earl Alan Braun, Hamilton
James Edward Brawner, Jr.
Edgewood, Md.
Jack Edward Brown, Jr. Columbus
Thomas Edward Buck, Galion
Robert Frederick Buckley,
Worthington
Victor Rudolph Bukowski, Jr.
Sylvania
John Michael Burke, Springfield
Michael Jay Burke, Toledo
Howard William Burnett,
Oklahoma City, Okla.
Lonnie LeRoy Burrows,
San Angelo, Tex.
Harry Joseph Caito, Bay Village
Larry Robert Caldwell, Worthington

Clair Myron Carlin, Youngstown
Thomas James Casey, Augusta, Ga.
Norman Earl Caune, Columbus
Phillip Edward Cebular, Mentor
Austin Saunders Chave, Wooster
James Ernest Choat, Akron
Alder Alexander Cikra, Doylestown
Mark Wesley Clark, Gahanna
Thomas Lee Clark, Lebanon
Jeffrey David Clingaman, Wauseon
Robert John Coggins, Bristol, Conn.
David Michael Cohen, Canton
Michael J. Cohen, Shaker Heights
Robert William Colby, Columbus
Robert Ralph Coleman, Dayton
Richard Paul Colvin, Kettering
Daniel Laurence Conner, Bremen
Joseph Patrick Conroy, Jr., Lakewood
Michael Dennis Conway, Columbus
Dennis Lee Crago, Poland
Thomas Foy Crawford, Canton
Johnny Creech, Hamilton
Stephen Francis Crist, Tiffin
Lynn Paul Dailey, Columbus
Robert Christopher D'Andrea, Lorain
Raymond Eric Dardinger, Columbus
John Charles Deal, Kenton
William Gourlay Deas, Cincinnati
Gary William Deeds, Columbus
David Page DeHayes, Columbus
Craig Denmead, Columbus
Leo William Dietlin, Columbus
David Donald Dilley, Columbus
David Roy Dodge, Cincinnati
Jason Donel, Hinckley
James Edward Dorman, Mansfield
Kenneth Oscar Drees, Sidney
Lawrence Anthony Drouhard, II,
Lakeville
Larry Joseph Earman, Eaton
Theodore George Ebelberger,
Columbus
Harold Roger Ellis, Obetz
Judson Brent English, East Liverpool
Robert Bruce Erwin, Dunkirk
Donald Eugene Evans, Worthington
Joseph Patrick Faila, Columbus
Elizabeth Sillins Fanta, Columbus
Bruce Theodore Fenstermacher,
Columbus
Stanley Mark Fenton, Cleveland
Lawrence Michael Fields,
Shaker Heights
David McDonald Finnell, Dayton
Jerry Petty Fisher, Columbus
Melvin Dennis Fisher, Columbus
Daniel Arthur Fitting, Columbus
James Fixler, Cleveland
David Robert Fortlage, Cleveland

Raymond Friedman, Cleveland
 James Lee Gainey, Columbus
 Joseph Howard Gallant, Delaware
 Marvin Wayne Gates, Canton
 Kenton Paul Gearhart, New Lebanon
 James Gregory Gerko, Byesville
 Donald Alan Gifford, Chagrin Falls
 Carol Ann Gilbert, Columbus
 Gregory John Glass, Bay Village
 James Robert Goodrich, Jr., Newark
 Edward Dean Goodyear, London
 Edward Francis Gosnell, Jr.,
 Chillicothe
 Ronald Stewart Gray, St. Clairsville
 Thomas Alvin Green,
 Williamsville, N. Y.
 Robin Howard Grieves, Columbus
 John Michael Griffin, Celina
 Jeffrey Bernard Gudenkauf, Columbus
 Gary Eric Gumz, Parma
 Marvin Gerald Gutter, Columbus
 Douglas Eugene Hager, Columbus
 Lee Eugene Hanna, Columbiana
 Dean Lee Harlamert, New Bremen
 Steve K. Hartzler, Westerville
 Richard William Hawkins, Springfield
 Richard Merrel Hayes, Middletown
 Stephen Henry Heinlen, West Liberty
 Jack Hammack Hess, Mt. Vernon
 Dennis Michael Hewitt, Cincinnati
 Ronald Lee Hicks, Columbus
 Stephen Plummer Hildreth, Columbus
 Ray Edward Hill, Springfield
 Donald James Hilliker, Bellefontaine
 Lee Edward Hillis, Jr., Berlin Heights
 Randolph Stephen Hochstetter,
 Marion
 Deborah Lee Hornberger, Celina
 David Allan Hostetler, Wakeman
 Ronald Raymond Hunt,
 Park Ridge, N. J.
 Thomas Paul Hyle, Lancaster
 Randall Carl Ingold, North Canton
 Edgar Grey Ingraham, Edinboro, Pa.
 Kenneth Lee Irvin, Williamsburg
 Ronald Warren Jayne, Bryan
 David Blair Jemison, Reynoldsburg
 Phyllis Anne Johnsen, Cincinnati
 Timothy Alan Jones, Montpelier
 Toby Jo Kahn, Columbus
 Larry John Kasper, Springfield
 David Louis Keller, Berlin Heights
 Stephen Curtis Keller, Attica
 Thomas John Kelley, Columbus
 Everett Skaryd Kimball, Lyndhurst
 Richard Allen Kirtz, Youngstown
 Andrew Steven Klatskin,
 Staten Island, N. Y.
 Richard Jeffrey Kline, Akron
 Lawrence Joseph Knapp, Portsmouth
 Kenneth Allen Koetz, Columbus
 John Joseph Kohout, Lyndhurst
 Stephen Franklin Korhn, Defiance
 Craig Lee Kronewitter, Itasca, Ill.
 Ronald Martin Kuck, St. Marys
 James Herman Kuhn, Newark
 Celia Thieu-Luong Lam,
 Chonlon, South Vietnam
 Robert William Lampus, Rocky River
 Donna Ann Lancaster,
 Brookfield, Wis.
 Robert Linden Larson, Granville
 Barry Robert Lathan, Peterson, N. J.
 Fred William Laubie, Lebanon, Tenn.
 Michael John Lauffer, Columbus
 James Scott Leas, Cincinnati
 Nancy Gwen Lecklider,
 Indianapolis, Ind.
 Gary James Lehman, Garfield Heights
 James Harold Levine, Columbus
 Robert Preston Lias, Moreland Hills
 Carolyn Jo Lilley, Columbus
 Bruce Michl Lloyd, McConnelsville
 Kenneth Rolland Lloyd, Columbus
 Frederick Ellsworth Long, Wooster
 David Roger Loveless, Worthington
 Lester Marc Lubitz,
 University Heights
 Sallie Ann Mack, Chicago, Ill.
 Vincent Earl Majewski, Kirtland
 Jeffrey Neal Marks, Canton
 Lawrence Markworth, Fairview Park
 John Leslie Marshall, Kettering
 Joseph Richard Matson, Tipp City
 Louis Anthony Matyas,
 Hicksville, N. Y.
 David Joseph Maul, Cuyahoga Falls
 David Keith Maxton, Vandalia
 Richard Noel Maxwell, Columbus
 James William McCarthy, Ironton
 Charles Lewis McCulloch,
 Rushsylvania
 Larry Lee McDaniel, Columbus
 Michael Anthony McGrath, Toledo
 John Clark McJunkin, Columbus
 Stephen Michael McLaughlin,
 Cincinnati
 John Leslie McLean, Ashtabula
 Gregg McMunn, Kearny, N. J.
 Joseph Robert McNeil, Fostoria
 John Glenn McWilliams, Galion
 Dennis Dean Meadors, Dayton
 Harold Joseph Miksch, Bellefontaine
 Michael Allen Milarcik, Tippecanoe
 Alan Gregory Miller, Cleveland
 Clifford Neil Miller,
 Cleveland Heights
 John Eric Miller, Toledo
 Robert Stevenson Miller,
 Rochester, N. Y.
 Frederick Earl Mills, Fostoria
 Stephen Richard Mittleman,
 South Euclid
 Richard Charles Mizer, Grove City
 John Robert Mohr, Hillsboro
 Bryon Joseph Mollica, Columbus
 Joan Elizabeth Molloy, Worthington
 James Alan Monjot, Rocky River
 Paul Stanley Morrison, Cleveland
 Michael Charles Mullin, Columbus
 Kenneth Alan Mulock, Rocky River
 Robert Warren Murphy, Jr., Reno
 Scott Willard Murphy, Mansfield
 Stephen Rees Mushrush, Columbus
 Gregory James Neal, Columbus
 Richard Henry Nesz, Akron
 Harry Davis Newton, Cambridge
 William Henry Ney, Cleveland
 Norman Allen Nieminen, Geneva
 James Eugene Norris, Grove City
 Robert Stanley Nussbaum, Orrville
 John Douglas O'Connell, London
 Gary Lee Orf, Columbia, S. C.
 Lance Dana Osmon, Tiffin
 James Nelson Overholser, Kettering
 Edmund Harrison Oxley, Cincinnati
 Richard Dennis Palmer, Cleveland
 Tod Michael Parker,
 University Heights
 David Hollick Parsons,
 West Hartford, Conn.
 Martin A. Passman,
 Massapequa, N. Y.
 Linda Ann Petzler, Monroeville, Pa.
 Joseph John Polis, Columbus
 William Joseph Polkovitch, Hubbard
 Fred Wayne Pomerantz, Queens, N. Y.
 William Price Powell, Dayton
 Peter Preis, Yellow Springs
 Timothy Samuel Radabaugh, Newark
 Gary Afton Rae, Delaware
 Bud Morgan Ramsey, Columbus
 James Alan Ransweiler,
 Cuyahoga Falls
 Robert Jeffrey Reed, Galion
 Robert Joseph Reineck, Sylvania
 Randolph Roye Reynolds, Columbus
 Betsy Ann Richards, Portsmouth
 David Kennedy Riley, Celina
 Donald Lee Ritzhaupt, Galion
 Michael Stephen Robb, Zanesville
 Patrick Michael Rochford, Akron
 Thomas David Rouch, Marion
 Kenneth Gilbert Ruby, Massillon
 Brooke Allan Saladin, Lorain
 Bruce Jay Schnabel,
 Williamstown, W. Va.
 Craig Eric Schneider, Canton
 Thomas Dale Schroeder, Columbus
 Ronald Eugene Schwaderer, Marion

Mark John Schwarb, Cincinnati
 Tom David See, Columbus
 Ronald Edward Seifey, Mansfield
 Judith Irene Seitz, Galion
 Paul Douglas Semones, Columbus
 Richard Jay Shapiro,
 Long Branch, N. J.
 Michael William Shea, Toledo
 Robert Alan Sheetz, Columbus
 Ronald Allen Shidaker, Wilmington
 Robert David Sholiton, Dayton
 Ersel Omar Shrider, Jr., Lancaster
 Gordon Pearce Shulker, Cincinnati
 Denis Gerard Simon,
 West Portsmouth
 Samuel Silas Skidmore, Cincinnati
 Leigh Emerton Sleeper, Newport, R. I.
 David Roy Smith, Cincinnati
 Gary Thomas Smith, Columbus
 Dennis Lee Snyder, London
 Larry Michael Solove, Columbus
 John Robert Spear, Sugarcreek
 Frederick Louis Sprankle, Columbus
 Jean Ann Staudt, Akron
 Ronald Frederick Steigmeier,
 Middleburg Heights
 George Steve Stevens, Cleveland
 James Edward Stickney, Shelby
 Roberta Kathryn Story, Lowell
 Allen Lee Strainic,
 Richmond Heights
 Edward Stanley Stransky, Jr., Lorain
 Nicholas K. Stravelakis, Columbus
 Frederick Eugene Strayer,
 Portsmouth
 Steven Arthur Stuckert,
 Washington C. H.
 Robert William Sweeney, Steubenville
 Lynn Ellis Swisher, Columbus
 Paul Sydorenko, Parma
 John Anthony Szabo, Columbus
 Hal Paul Teitelbaum,
 East Orange, N. J.
 Gary Don Temple, Dayton
 Matthew Richard Thomas,
 Fairport Harbor
 William Eugene Thomas, Jr.,
 Grove City
 Stephen John Tyde, Columbus
 Howard Irwin Uliss,
 University Heights
 Richard Harvey Underwood,
 Columbus
 Joe Dale VanWagner, Lima
 Vonna Syvett Wallace, Columbus
 Donald Bruce Walter, Canfield
 Roger Edwin Walters, Grove City
 John Reed Walton, Reading
 Roger Llewellyn Walton, Gambier

William John Warth, North Canton
 Steven Carl Wendell, Newtown
 Dennis Wayne Wesney, Columbus
 Frederick Smith White, Dayton
 John Arthur Whittle, Galloway
 Michael Owen Wiebusch, Columbus
 Gary Lee Wilhelm, Glen Ellyn, Ill.
 William Joseph Wilhelm, Columbus
 Cameron Lee Williams, Worthington
 Robert Hysell Williams, Rittman
 Christine Ellen Wilson, Coshocton
 Russell Allen Wolford, Columbus
 Martin Owen Wolinsky,
 Forest Hills, N. Y.
 Robert Dewitt Woodruff, Tiffin
 James Allen Woodward, Parma
 David Lee Wright, Portsmouth
 Richard Joseph Wuebker, St. Henry
 John Charles Wurst, Lima
 Richard Douglas Yoakem, Columbus
 Patrick Terry Young, Columbus
 Thomas Andrew Young, Worthington
 Jonathan Scott Younker, Gibsonburg
 Wayne Alan Zavotka, Parma Heights
 John Wolcott Zeiger, Tallmadge
 Gary Marvin Zelizer, Columbus
 Raymond Jeffrey Zettler, Columbus
 John Allen Zinszer,
 Stoney Creek, Ont., Canada

School of Social Work

Bachelor of Science in Social Welfare

Sixty-eight candidates

Mildred Miyoko Asano,
 Honolulu, Hawaii
 George Andrew Bahr, Oberlin
 Shirley Bandman, Columbus
 Carole Sue Barmash, Lancaster
 Betty Kay Baughman, Marysville
 Miriam Sylvia Becker, Shaker Heights
 Pauline Agnes Blecha, Oak Lawn, Ill.
 Roberta Gail Borden,
 Cleveland Heights
 Mary Jill Boxell, Maumee
 Rebecca Susan Boyd, Marion
 Patricia Ann Brady, Lakewood
 Theresa Jean Brigham, Columbus
 Kathleen Rose Brownfield, Grove City
 Marcia Joyce Bruce, Columbus
 Annette Marie Bruccoli, Youngstown
 Lynn M. Caraeff, Brooklyn, N. Y.
 Connie Lee Carleton,
 Burtonsville, Md.
 Joseph Thomas Carmichael, Jr.
 Reynoldsburg

Ilene Beth Cooper, Verona, N. J.
 Suzanne Jane Deakin, Toledo
 Corrine Ann Deardorff,
 New Philadelphia
 John Marshall Ford, Springfield
 Carol Ann Frankowiak,
 East Aurora, N. Y.
 Linda Kay Friedman, Buffalo, N. Y.
 Harriet Elyse Gingerich, Portsmouth
 Michele Ann Goodrich, Columbus
 Betsy Marcia Greenberg,
 Cleveland Heights
 John Louis Hammill, Lima
 Linda Kay Hawthorne, Springfield
 Joan Louise Heal, Bellevue
 Marilyn Lee Hill, Dayton
 Susan Jane Hopkins, Dayton
 Carol Sue Hoyda, Columbus
 Ruth Ann Huber,
 South Charleston, W. Va.
 Marilyn Isroff, Shaker Heights
 Janine Anne Joines, Levittown, Pa.
 Nancy Ann Kahnweiler,
 Highland Park, Ill.
 Soneta Eudyce Levine, South Euclid
 Elizabeth Mae Lorey, Mt. Vernon
 Cheryl Brynn Mattingly, Mansfield
 Donna Marie Monahan,
 Broadview Heights
 Sharon Louise Motter, Kenton
 Nancy House Moulton,
 East Aurora, N. Y.
 Loretta Lillian Mumm, Columbus
 Susan Elyse Olian, Plainfield, N. J.
 Susan Ellen Pelz, West Richfield
 William Freeland Phillips, Dayton
 Mary Sherman Raabe, Columbus
 Sally Ann Reese, Cleveland
 Bonnie Rae Rosenthal, Akron
 Judith Lynn Shapiro, Akron
 Betty Jean Shaw, McConnelsville
 Sandra Livengood Shope, Barberton
 Eve Sandra Shuchat, Sidney
 Gwyneth Spafford Shute, Columbus
 Carolyn Tucker Smith, Mt. Vernon
 Janet Louise Stueve, New Bremen
 Juliet Kathleen Taylor, Worthington
 George Rivers Thompson, West Union
 Gail Elizabeth Todd, Dayton
 Jane Ellen Vogelmeier, Newark
 Jacquelyn Joan Warner, Beaverdam
 Marie Lawless Webster, Columbus
 Mary Rowland Weinstein, Alliance
 Linda Carol Westerman, Columbus
 Roberta Lynne White, Worthington
 Sheila Jean Winters, Loudonville
 Laurence William Witt, Grafton

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Two hundred and twenty-one candidates

Howard Thomas Albin, Columbus
William Andelman, Washington, D. C.
William Austin Anderson, Columbus
William Howard Anderson, Wooster
Stanley Lester Bahmer, Coshocton
Lester Eugene Barnhart, Springfield
William Carl Bates, Newark
Paul Wayne Beach, Fleming
Thomas Edwin Beam, Wilmington
Donald Edward Becker, Jr.,
Beach City
Brooks Fowler Beery, II, Mt. Sterling
Leon Merl Beery, Logan
Frederick Keith Bell, Frazesburg
Raymond Earle Bell, Jr.,
West Islip, N. Y.
Kathleen Ann Betts, Andover
Marilyn Dee Black, Cincinnati
Gene William Borton, Wauseon
Thomas Brent Bowman,
Plainfield, Ind.
Douglas Lyle Box, Grand Rapids
Jimmie Lee Brandt, Anna
Stephen Lee Brookover, Manchester
Richard Edmund Buchy, Greenville
Wesley Wayne Burgett,
Hammondsville
Jan Allan Burkhard, West Unity
William Henry Burton, Jr.,
Forest Hill, Md.
Gordon Lee Butler, Vienna
Gary Dean Butts, Mt. Sterling
Harold Noble Campbell,
North Jackson
Richard Charles Christenson, Fayette
Dale David Chuha, Wellington
David Oliver Cleaver, Mt. Pleasant
Gary Lee Clemons, Cincinnati
Steven Henry Cole, Loveland
David Lawrence Collier, Hubbard
Duane Ross Crego, Grove City
Donald Paul Creviston, Ridgeway
Carmen L. Cummins, Pioneer
Donald David Cunningham, Caldwell
Jerome Christopher Cunningham,
Fremont
Kenneth Lee Curtis, Wilmington
James David Dean, Geneva
Jack D. Debolt, Croton
Robert Eugene Deis, Dayton
Jacqueline Lee Doering, Seven Hills
Richard Robert Doesburg, Lyndhurst
Curtis Russell Eikenberry, Arcanum
Henry Sylvester Elchert, New Riegel
Robert Allen Endebrock, Columbus
Larry Allen Endsley, Coshocton
Roger Eugene Everett, Mt. Vernon

Stephen Wade Federle, Waynesville
Mark Merwin Feusner, Columbus
Sondra Caroline Flick, Batavia
Bakon Gwanle Fompun,
Via Jos, Nigeria
John Rand Foraker, Adamsville
James Edward Gall, Springfield
Thomas Alphonse Gerding,
Ft. Jennings
William Martin Gesel, Dayton
Patricia Louise Gibbs, Fremont
Larry Roger Gortner, Wooster
Patrick Wadsworth Grapevine,
Wilmington
Frederick Louis Green, Weston
Michael Dennis Gregg, Fredericktown
Larry Conrad Grener, Hilliard
Charles Theodore Grimes, Troy
John Harold Grimes, II, Clinton
David Marion Hall, Galion
Richard Lewis Harris, Wakeman
Stanley Edwin Hartman, Wooster
Timothy Nathaniel Hartsock,
Chillicothe
Joseph John Hauryski,
Campbell, N. Y.
Richard William Heilmann, Waterville
Arthur Dean Henderlong, Creston
Thomas Henry Herdt, Blacklick
Janet Mary Hesselbrock, Loveland
Lee Roy Heston, Kensington
Roger Norman Hicks,
Canal Winchester
John Folger Hilt, Jr., Springfield
Allen Rowe Holland, Kenton
William Lee Hora, Farmersville
Richard Clayton Horn, Bellevue
David Michael Hornung, Mansfield
Ronald Leonard Horstman, Cloverdale
Steven Eric Houchin, DeGraff
Philip Edward Hulse, Fredericktown
Danny Eugene Humphrey, Johnstown
Terry Lee Hundley, Eldorado
J. Richard Isler, Prospect
Jack Lawrence Johns, Jr., Cincinnati
Eric Charles Johnson,
North Lewisburg
Joel Edmund Kaiser, Lakewood
Jeffrey Robert Kallgren, Mansfield
John Louis Keller, Elyria
Mary Constance Kelley, Worthington
Michael LeRoy Kiehl, Ada
James Roy Kiracofe, Lima
John Michael Klein, Cincinnati
James Elmer Klett, Cheviot
Paul Anthony Knueven, Mason
Anar Ladha Kotadia,
Dar-Es-Salaam, Tanzania
Thomas Anthony Kremer, Versailles
Gary Robert Krone, Elyria

Jo Philip Kruckeberg, Palestine
Wayne Allen Kurzen, Dalton
Michael Eugene Kuzmaul,
Perrysburg
*Robert Lee Lautzenheiser,
East Canton
Gary James Lee, Marysville
Jim Edward Lenick, Mansfield
Jeffrey Allen Logan, Mt. Gilead
Larry Duane Lotz, Waynesburg
Maurus Evan Mallory, Perrysburg
Larry Thomas Mangan, Jamestown
James Val McClure, Washington C.H.
Dennis Eugene McCoppin, Greenfield
James Richard McDonald, Bowersville
Gary Morris McDowell, Winchester
Robert Charles McEvoy, Wapakoneta
David Cook McGrew, Lucas
Dale Eugene McQuillen, Shiloh
*John Ruskin Mehaffey, Cambridge
†Ronald Arthur Meier, Perrysburg
Robert William Messmore, Columbus
Roger Allen Metz, Marion
Bernard Marion Meyers, Hillsboro
Edward Lewis Mihevic, Painesville
Douglas Joel Miller, Prospect
John Ray Miller, Rockford
Sonja Kay Miller, Mt. Vernon
Tom Lee Moherman, Ashland
Thomas Paul Mollenkopf,
East Palestine
John William Moody, Fredericktown
Douglas Lee Moore, Pierpont
Glenn Allen Moore, Cincinnati
Bruce Martin Moyer, Massillon
Thomas C. Moyer, Arcadia
Richard Albert Mueller, Brecksville
Michael Lynn Musgrave, Arlington
Dale James Nagel, Wauseon
Ronald Elmer Neill, Bellevue
Richard James Newton,
New Lexington
Keith Allen Nowels, Loudonville
Edward Akpolawhe Obiuewbi,
Warri, Nigeria
Ernest Frank Oelker, Urbana
Kenneth Ray Olson, Jefferson
James Walter Orr, Apple Creek
Joseph Robert Overholt,
Fredericktown
Frederick Walter Owen, Homerville
David Robert Owens, Jeffersonville
William Oscar Packer, Adena
Karen Kaye Parks, Dayton
Wayne Pierce Parrish, Felicity
Sharyn Lee Parsons, Willoughby
Jay Bryan Penick, Hebron

†Also Master of Science, Graduate School
*Also Doctor of Veterinary Medicine,
College of Veterinary Medicine

Nancy Jane Perks, Springfield
 James Henry Perry, Vickery
 John Thomas Phalen, LaGrange
 Ted Thomas Pohmann, Defiance
 Stanley Bruce Pollack,
 Irvington, N. J.
 John Collins Potter, Delaware
 Terry Clayton Priest, Newark
 Bruce Allan Ramsey, Butler
 Darrell Wayne Ramsey, Ridgeway
 David Thomas Reynolds, Wayne
 Brent Eugene Rhoads, Circleville
 Donna Francine Robbins, Cleveland
 Martin James Roe, Lowell
 Jeremy James Rohrs, Napoleon
 David Lee Rosebrock, Toledo
 Byron Eugene Ross, Lima
 Thomas Clyde Ruetenik, Williamsfield
 David Allen Runyan, Urbana
 Charles Andrew Sauer, Amelia
 John Edward Scherr, Caldwell
 Joseph Lawrence Schmidt, Swanton
 Charles Henry Schnabel, Litchfield
 Joseph James Schwartz, Clifton
 †Don Delbert Sharp, Jr., Amanda
 Philip Michael Shirden, Clarksville
 James Nelson Shives, Jr., Bradford
 John Raymond Shoe, DeGraff
 Larry Walter Short, Wauseon
 David Edward Shreiner, Millersburg
 Howard James Siegrist, Dresden
 Neil Arthur Smith, Bellefontaine
 Patrick Carson Smith, Waynesville
 Stephen Dale Smith, Edon
 Harold Leon Snyder, Marion
 Timothy Jay Sonnenberg, Holgate
 Duane Paul Sponsler, Marysville
 Paul Larry Sprankle, East Canton
 James Ivan Stitzlein, Ashland
 Jeffrey Lynn Stober, Holgate
 Sharon Marie Storts, Columbus
 Dennis William Strohm,
 New Washington
 Steven James Stuckman, Bucyrus
 Tad Allen Sullivan, Columbus
 John Emerson Swartzel, Waynesville
 David George Tedrow, Delta
 Douglas Mitchell Totten, Allentown
 Don Eugene Treier, Bloomdale
 Richard Dee Trogdon, Rittman
 Augustine Tony Uruneden,
 Sapele, Nigeria
 Ronald Kenneth Vlasak, Seven Hills
 Harold Irvin Wahl, Jr., Castalia
 Richard Peter Walkout,
 Muskegon, Mich.
 Dennis Howard Warner, Lakewood
 James Tilton Warren, Dexter City
 Paul Duane Wasson, Bloomdale

Wendell Lanae Waters, Fresno
 Stanley Gessner Watson, Fremont
 Ronald Ray Wenning, Celina
 Richard Joseph Wensink, Monroeville
 William Alan Wentz, Kenton
 Steve Ricky Westall, Findlay
 *Penny Maurine Westenbarger,
 Lancaster
 Ricki Asia Whitacre, Beverly
 Kenneth Earl Whitmire, Delta
 Christopher John Wolf,
 Mechanicsburg
 John Robert Yakos, Van Wert
 John Robert Young, Akron
 Loren Jones Young, Bremen

Bachelor of Science in Dairy Technology

Four candidates

Roger William Becker, Defiance
 Dennis Michael Frank, Louisvile
 Thomas Edward Roth, Fremont
 Marvin Joseph Stammen, St. Henry

Bachelor of Science in Food Technology

Four candidates

Ronald Wilbur Gould, Worthington
 Carol Ann Gutheil, Lockbourne
 Lawrence Alan Johnson, Wooster
 Ronald Edwin Puestow, Oak Harbor

School of Home Economics

Bachelor of Science in Home Economics

Ninety-six candidates

Janet Friedman Abromowitz,
 Columbus
 Sondra Joyce Basinger, Pandora
 Nancy Lou Benedict, Columbus
 Janice Elaine Bohlender, Erie, Pa.
 Margaret Jean Brissenden, Columbus
 Lauren Helen Brothers, Rocky River
 Sarah Bruns, Huron
 Linda Marie Byrne, Mentor
 Susan Jayne Christine,
 Washington, N. J.
 Catherine Marie Clark, Gallipolis
 Patricia Kay Conner, Columbus
 Ruthanne Shaver Cook, Columbus
 Donna Louise Craft, St. Marys
 Julie Ellen Crall, Shelby

Marilyn Sue DeBellis, Columbus
 Ann Elizabeth DeWitt, Columbus
 Patricia Ann DiBenedetto,
 Bay Village

Mary Lou Dusek, Bay Village
 Edith Corder Ewell, Columbus
 Caroljo Friedman, Cincinnati
 Jane Ellen Garvick, Mansfield
 Linda Sue Gross, Plainfield, N. J.
 Emily Carol Guckenberger, Hamilton
 Bonnie Baker Haller, Coshocton
 Suzanne Holman, Flossmoor, Ill.
 Hermina Huy, Fremont
 Annette Jackson, Powell
 Ellen Lee Jenkins, Circleville
 Helene Joel, Pittsburgh, Pa.
 Suzanne Kay Jolliff, Columbus
 Diane Clare Kase, Brecksville
 Barbara Helen Kay, Willoughby
 Joyce Elaine Kirby, Crestline
 Diane Marie Knapp, Columbus
 Susan Ann Knasel, Anna
 Phyllis Kay Leatherman, West Salem
 Cathy Harriet Loshin,
 Riverdale, N. Y.

Judith Mae Loveland, Chardon
 Marjorie Ann Loy, Bucyrus
 Shirley Ann Manwaring,
 Maple Heights
 Judith Wellman McCauley, Columbus
 Carole Sue McClintick, Springfield
 Linda Ann McFadden, Columbus
 Pamela Ann Mikolajewski, Piqua
 Lois Irene Miller, Dundee
 Judith Kay Minnick, Middlefield
 Karen Louise Minute,
 North Ridgeville
 Rita Jay Montoney, Columbus
 Patricia Elene Moriarty, Columbus
 Margaret Carma Natoli, Columbus
 Suzanne Margaret Newcome, Dayton
 Linda Arlene Nicholls, Mansfield
 Rebecca Nyika, Umtali, Rhodesia
 Charlotte Matilda Orthoefer, Gahanna
 Catherine Anne Pasek, North Royalton
 Marilyn Henne Patrick, Columbus
 Karen Davis Patterson, Lima
 Carol Sue Pemberton, Columbus
 Mary Beth Pennak, Cincinnati
 Donna Lee Peterseim, Columbus
 Karen Lynn Randle, Cleveland
 Cynthia Louise Reeder,
 Pittsburgh, Pa.

Mariellen Reynolds,
 West Redding, Conn.
 Ann Marie Rittenhouse, Hillsboro
 Sharon Gay Rudner, Canton

†Also Master of Science, Graduate School
 *Also Doctor of Veterinary Medicine,
 College of Veterinary Medicine

College of Dentistry

Dean: John R. Wilson

Margaret Kendig Sadelfeld,
New Carlisle
Paula Joyce Schoen, Flushing, N. Y.
Sharon Ann Seaman, North Olmsted
Marjorie Saltzgeber Seiss, Ashland
Pamela Marie Shaw,
Pearl River, N. Y.
Glenna Sue Smith, Columbus
Mary Elizabeth Smithberger,
Columbus
Gayle Cathy Smoker, Mentor
Mary Mizer Sommers, Stone Creek
Suzanne Marie Sommers, Columbus
Carol Ann Sosnowchik, Twinsburg
Judy Ann Stacy, Columbus
Cheryl Diane Starnier, Logan
Sharon Fahncke Stonerock, Celina
Catherine DeRose Sweet, Olean, N. Y.
Joycelyn Kay Thayer, Columbus
Diane Kay Thomas, Circleville
Linda Ball Tucker, Worthington
Roxanne Ulmicher, Cleveland
Diann Marie Walsh, Oregon
Mary Alice Ward, Mt. Vernon
Marilyn Jean Ware, Beloit
Maxine Sussman Wasserman, Akron
Carolyn Louise Weinberg,
New Bremen
Ellen Linda Wells, Coshocton
Mary Jane Werst, Springfield
Nancy Kay Winegardner,
Belle Center
Dianne Elizabeth Wingfield,
Richmond, Va.
Joyce Ann Yake, Columbus
Cinda Jill Yarger, East Sparta
Jill Ann Young, Columbus

Bachelor of Science in Restaurant Management

Two candidates

Jean Wootton Kincaid, Johnstown
Mary Scarborough Richards,
Columbus

Doctor of Dental Surgery

One hundred and thirty-one candidates

William Ray Adams, Fairborn
David Roy Adelstein, Shaker Heights
Dale Michael Anderson, Ashland
Gary Dickson Armbrrecht, Avon Lake
A.B. (Case Western Reserve
University)
Kenny Edmund Arnold, Vincent
Alfred Thomas Bachman,
North Royalton
Gilbert Russell Backus, Jr.,
Youngstown
B.A. (Kenyon College)
George Anthony Barone, Cleveland
A.B. (Case Western Reserve
University)
Charles Wesley Beal, Bucyrus
Joseph Victor Bean, Hamilton
B.A.
Alexander Bohdan Berest, Lakewood
B.A.
Richard Elias Betor, Fairview Park
B.S. (Ashland College)
William Paul Betor, Fairview Park
B.S. (Ashland College)
Harold Hubert Biddle, Westerville
Barry Stuart Blank, Columbus
Darrell Craig Blumer, Dayton
Donald James Bookman, Cincinnati
Robert Edward Brewka, Cleveland
A.B. (University of Notre Dame)
George Grant Brown, II, Bryan
B.S.
Robert Stanley Burke, Jr., Defiance
B.S. (Ohio University)
Donald Marshall Burkholder, Geneva
Kenneth William Burman, Cincinnati
B.S. (Xavier University)
Lee Mark Butler, Columbus
B.A.
John Robert Campbell, Belle Center
B.S. (BowlingGreenState University)
Charles Henry Cardone, Lima
B.S. in Phar. (University of
Cincinnati)
Robert Thomas Cawrse, Bay Village

Roger Eugene Clark, Cincinnati
B.A.
William Scott Clayton, II, Eaton
Frank Michael Clement, Parma
John William Clifford, Columbus
B.A.
Michael Paul Clouse, Jr., Somerset
Marvin David Cohen, Akron
B.S. (University of Akron)
Blaine Harris Conrad, Jr., Akron,
B.A.
William Franklin Cooper, Alliance
B.S.M.E. (Ohio University)
William Edward Coyne, Dayton
Wade Taylor Davis, Newark
George Franklin Day, Granville
B.A. (Syracuse University)
Lawrence DeMarco, Cleveland
B.S. (Xavier University)
Bernard Jay Dennison, Columbus
Anthony Charles Derrick, Cincinnati
Edgar Selah Downs, III, Worthington
Robert Ellsworth Eckstein,
Chagrin Falls
James Lewis Emerson, Miami, Fla.
B.A., B.S. (Rollins College)
James Allen Engle, Akron
B.S. (University of Akron)
David Delano Feuer, Rocky River
B.S. (Ohio University)
Wayne Lee Fisher, Brookville
Richard LaVern Fletcher, Orrville
Rodney Noah Foster, East Cleveland
B.S.
William Edward Foster, Kettering
Charles Robert Frost, Williamsburg
B.S.
David Stewart Fuller, Marion
A.B. (Miami University)
Thomas Edward Fulton, Fairborn
George John Gardinsky, Jr., Buffalo
B.S. (Ohio University)
Robert Dale Gear, Parma
John Huebner Gehring, Toledo
A.B. (Miami University)
Gary Lewis Giammarco, Steubenville
B.S.

Gerald George Gille, II, Dayton
 James Harry Gilsdorf, Canton
 Bruce Alan Goldman, Youngstown
 A.B. (Youngstown University)
 Alan Leslie Grimm, Waterville
 Joseph Andrew Haase, Roanoke, Va.
 Oliver Martin Hackett, Lakewood
 B.S. in Phar.
 Ronald Hecker, Akron
 B.A.
 Alven Lee Herstig, South Euclid
 P. Thomas Hiser, Oswego, N. Y.
 Richard Stockton Hoadley, Napoleon
 B.A. (William Penn College)
 Allen Earl Hoefft, Oregon
 Randal Bonner James, Dayton
 B.S. (Denison University)
 Frank Joseph Jerome, Jr., Lakewood
 B.S.
 Ralph Charles Karlovec,
 Shaker Heights
 B.S.
 Lawrence Frederick Kassouf,
 Shaker Heights
 B.A. (Hiram College)
 Richard Dale Katnik, Cambridge
 Barry Steven Kayne, Columbus
 Robert Paul Keenan, Jr., Mt. Vernon
 John Thomas Kennard, Green Camp
 B.S. (United States Naval Academy)
 William Edward Kennedy, Cincinnati
 Jack Elliot King, Kettering
 Miriam Stephanie Kinsler,
 Cleveland Heights
 August Kokal, Jr., Cincinnati
 B. of Ch.E. (Georgia Institute of
 Technology)
 Ronald Jewel Kowan, Shaker Heights
 Jeffrey Allen Kurtz, South Euclid
 Robert Allen Laird, Coshocton
 George Allen Langa, Euclid
 Jon Philip Larson, Wadsworth
 William Albert Lee, Jr., Cadiz
 B.A. (Kent State University)
 Jack Eldred Luce, Ashtabula

Donald Dennis Mardis, Dayton
 B.S. (University of Dayton)
 Paul Michael Martin, Mentor
 Denby Schuyler Matthews,
 Cuyahoga Falls
 B.S.
 John Frederick Mautz,
 Cleveland Heights
 B.S. (Capital University)
 Joseph Brent Meckler, Beachwood
 Don Robert Miller, Columbus
 B.A.
 Charles Fletcher Mohaupt,
 Cuyahoga Falls
 George Emerson Moore, III,
 Worthington
 Dennis Lee Myers, Akron
 B.S.
 Robert Richard Namay, Millbury
 B.S. (Ohio University)
 Norman Charles Neeley, Lancaster
 B.A. (Ohio Wesleyan University)
 Steven Douglas Nemcic, Middletown
 B.S. (Ohio University)
 Terrance Martin O'Neill, Cincinnati
 Morton Lewis Orchin, Cincinnati
 Donald John Palenshus, Bucyrus
 B.S.
 Ronald Joe Palenshus, Bucyrus
 B.S.
 Jerry William Parsons, Dayton
 B.S. in Bus. Adm.
 William David Paulus, Lyndhurst
 James Frederick Peters, Alliance
 B.A. (Kent State University)
 Richard Henry Pinsky, Akron
 A.B. (Case Western Reserve
 University)
 Gary Clifford Reich, Westerville
 Charles Richard Roof, Springfield
 Stephen Gale Roush, Lima
 John Francis Rudge, East Palestine
 B.A. (The College of Wooster); B.S.
 Ignatius Louis Russo, Cleveland
 B.S.
 Dennis Ernest Savoca, Cleveland
 B.S. (Bowling Green State University)
 Ralph Thomas Scheer, Lima
 B.S. (Heidelberg College)

William Robert Schumacher,
 Cincinnati
 B.S. (University of Cincinnati)
 Roland Gene Smellie, Columbus
 Robert Simmons Smith, Jackson
 B.S. (Ohio University)
 Thomas Alford Snashall, Columbus
 Jeffrey Joseph Staskiewics, Elyria
 B.S. (Ohio University)
 Earl Douglas Steinhoff, Cleveland
 B.A.
 Fredric Dale Stevens, North Canton
 A.B. (Colgate University)
 Edward James Sullivan, Cleveland
 B.S. in Phar.
 Christopher Perry Swartz, Marion
 James Robert Tallbacka, Ashtabula
 B.S. (Ohio University)
 Daniel Edward Tarr, Mingo Junction
 Thomas James Thompson, Cincinnati
 B.S. in Pharm. (University of
 Cincinnati)
 Robert Carl Vessels, New Concord
 B.S. (Ohio University)
 David Scott Weaver, Toledo
 B.S. (University of Toledo)
 William Karl Weber, Akron
 Raymond Wade White, Coshocton
 Howard Joseph Williams, Cleveland
 Daryl Emerson Woodard, Springfield

Certificate of Graduate Dental Hygienist
 Sixty-seven candidates

Cheryl Lynn Baker, Toledo
 †Carolyn Weber Belden, Columbus
 Sharon Sue Bollenbacher, Rockford
 †Ann Hathaway Brennan, Columbus
 Sharon Jane Broadwater,
 Reynoldsburg
 †Caroi Ann Brunhoefer, Worthington
 Luella Angela Chitwood, Sylvania
 Claudia M Dongress, Willowick
 Deborah Dee Dusseau, Toledo
 Leslie Kay Dutton, Rocky River
 Sharon Paula Dwoskin, Akron
 Linda Lee Ellis, Dublin
 Randelee Durtschi Euliss, Galion
 †Also Bachelor of Arts, Colleges of the Arts
 and Sciences

College of Education

Dean: Luvern L. Cunningham

Jacqueline Lea Fagerstrom, Ashtabula

†Karen Roxanne Frankel, Toledo

Frances Jane Fravel, Columbus

Shirley Rachelle Frum,

Cleveland Heights

†Sharon Lee Grable, Dayton

Sandra Jean Greene, Dublin

†Cheryl Ann Grosso, Mansfield

Cynthia Jane Grubbs, Wintersville

Candace Lea Harris, Columbus

†Helen Jane Hatcher, Columbus

Charlyn Lee Haudenchild,

Cuyahoga Falls

Marilyn Jayne Hausner, Cincinnati

Kathy Hall Hull, Delaware

Carol Ann Huttenlocher, Huron

Yvonne Helen Jhona, Canton

Sherrill Ann Kanney, Milan

Deborah Lee Kinsey, East Liverpool

Linda Bea Kirschenbaum, Cleveland

Sylvia Lynp Knies, Kettering

Connie Mast Loke, Genoa

Carla Bahr Manning, Columbus

Marilyn Elizabeth Marcey, Medina

Kay Cottingham McCormick,

Columbus

Kathleen Conley Moore, Akron

Carma Sue Morehart, Akron

Ann Elizabeth Morgan, Gallipolis

†Yvonne Lynn Napier, Cincinnati

April Lynne Osborn, Columbus

Brenda Joy Ostermann, Miamisburg

†Judith Pritchard Pausch,

Uhrichsville

Delaura Kae Peaslee, Crestline

Sallie Elaine Rase, Wheelersburg

Carol Jean Richardson, Kettering

Bonni Lynn Rickey, Circleville

Marsha Anne Rozelman, Cleveland

Ellen Jane Rupp, Worthington

Dorothy Jayne Sandusky, Gahanna

Doris Emma Schweinhagen, Defiance

Gail Ann Schwetz, Sylvania

†Lois Jacobs Sechler, Cincinnati

Marilyn Janis Shell, Columbus

Nancy Jean Siders, Van Wert

Carol Deitrick Sines, Columbus

Stacy Anastasia Skopelitis,

Trenton, N. J.

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Bachelor of Science in Education

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Faye Agatstein, Merrick, N. Y.

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Elaine Jo Bachman, Parma

Judith Ann Bahr, Lima

Michael Steven Bailey, Sandusky

David Dale Baker, Lockbourne

Lois Jeanne Baldwin, Parma Heights

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Paula Schramm Barcus, Bellaire

Paul Allan Barker, Lima

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Jane Ellen Krupienski,
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Sally Hatten LeCrone, Columbus

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Linda Kay Lewis, Grove City

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Phillip Edward Thomas, Seven Hills
William Earl Thompson, Columbus
Jane Ost Throneberry, Watchung, N. J.
Susan Kay Titus, Dayton
Wade Charles Tolleson, Huron
Joann Lucille Toocill, Lancaster
Linda Kay Topson, Columbus
Michael Allan Toth, Cleveland
Barbara Josephine Trabbic, Toledo
Rita Treistman, Fairlawn, N. J.
Trudy Norene Treneff, Newark
Marianne Therese Tulenko,
Parma Heights
Marjorie Ann Unger,
Long Beach, N. Y.
Loren Millard VanDeusen, Napa, Calif.
Maryann Vardian, Euclid
Susan Elizabeth Varner, Poland
Marilyn Krake Vaughn, Columbus
Margaret Ann Vehslage, Columbus
Marsha Diane Vertner, Harrod
Nancy Arlene Wagman,
Great Neck, N. Y.
John Samuel Wagner, Springfield
Joyce Lynn Wagner, Miami Beach, Fla.
Sally Jo Wagner, Columbus
Gayle Lynne Waite, Newark
Lynda Rae Waldeck, Northfield
Neil Eugene Walter, Grove City
Karen Joy Walton, Niles
Karen Sue Walton, Waynesfield
Mildred Bell Washington, Worthington
Kathleen Elizabeth Waters, Cincinnati
Janey Marie Watt, Lima
Leonard Richard Weatherby, Gahanna
Cheryl Radick Weaver, Woodville
Penny Diane Weber, Dayton
Heather Wechsler, Pittsburgh, Pa.
Thomas Quintin Weilbacher,
Worthington
Karen Greenhut Weinberg,
Shaker Heights
Marylin Gail Weintraub, Canton
Susan Marsha Weisblatt,
Cleveland Heights
Marla Elaine Weisenberg, Cleveland
Rosalind Kay Weiss, Gary, Ind.
Linda Tabler Weissinger, Wapakoneta
Marcia Lee Welch, Columbus
Betty Hasting Weller, Lima
† Kenneth James Wene, Orwell
Jan Schnepf Wentz, Upper Sandusky
Bonnie Kristine Werner, Wapakoneta
Leslie Barkas Wettan, New York, N. Y.
Carol Lynn Wexler, Erie, Pa.

Beverly Ann Whaley, Bucyrus
Nancy Rice Wharton, Columbus
Mary Louise Wheaton, Columbus
Donna Walklet Whisler, Brookville
Theodore Douglas Whisler, Mansfield
Diane Sue White, Toledo
Nancy Ruth White, Monroe
Roy Edward Whited, Centerburg
Barbara Cecile Whitmer, Urbana
Miriam Julia Wick,
Geneva, Switzerland
Christine Inga Wieting, Columbus
Heather Robin Wilbarger, Sebring
Donald William Wilke, Bay Village
Mary Acord Wilkins, Lima
Janice Diane Williams, Marysville
Mary Ellen Williams, Worthington
Patricia Ann Williams, Delta
Sandra Kay Williams, Shelby
John Allen Wilmes, Dayton
Judith Ann Wilson, Garfield Heights
Melinda Nan Wineburgh,
Niagara Falls, N. Y.
Ann Louise Wiseman, Mansfield
Helga Witzmann, New Washington
Allan Bernard Wolf, Beachwood
Laurie Ruth Wolf, Jamaica, N. Y.
Sharon Lois Wolf, Canton
Nancy Sue Wolford, Newark
Kathleen Miller Wolinetz,
Shaker Heights
Glenn Lee Wollam, East Liverpool
Karen Fay Wooding, Painesville
Virginia Stahl Woodring, Granville
Marjorie Porter Woolard, Newark
Kathleen Ann Work, Pleasant Hill
Jo Ann Wright, Columbus
Linda Lou Yanevich, Columbus
Lynn Shuey Yark, Toledo
Sandra Kay Yarnell, Wooster
Joelyn von Haam Yoder, Columbus
Charles Gilman Young, Galion
Gary Edward Young, Loudonville
Marcia Fair Young, Lima
Roger Lee Young, Columbus
Jane Hoffman Zelman, Bayside, N. Y.
Linda Alice Zenar, Kent
Rodney Richard Zerkle, St. Paris
Charles William Zimmerman,
Columbus
Sandra Lynn Zorn, Norwalk
Terri Marcia Zuckerman, Cleveland

Bachelor of Aeronautical and Astronautical Engineering

Twenty-six candidates

Douglas Albert Bacon, Burlington, Vt.
Christopher Kimball Badger,
Columbus
Duane Louis Bastia, Steubenville
Roger Ronald Burbrink, Cincinnati
Ronald Clyde Freeman, Parma
Joseph Ward Haney, Jr.,
Cuyahoga Falls
William Gary Heckathorn, Columbus
Rodger Allen Herbst, Columbus
Gary Richard Hilbert, Erie, Pa.
Peter Edward Jasanis, Pittsfield, Mass.
Kenneth Alvin Jungeberg, Berea
Robert Michael Kansa, Youngstown
Robert Kelly, Youngstown
James Ronald Ligas, Barberton
Arnold Theodore Mosberg, Lakewood
Theodore John Muha, Dayton
Michael Thomas Noonan, Westerville
Earl Robert Osterstock,
Phillipsburg, N. J.
Warren Dingman Potts, Columbus
Charles Stephen Richter, Thornville
Richard George Ruegg, Akron
Stuart Edward Strand, Cleveland
Thomas Malcolm Thomson, Cleveland
William Irvin Westphal, Lima
Robert Lewis Williams, Girard
Kenneth William Zagray, Akron

Bachelor of Agricultural Engineering

Two candidates

Garry Dean Cole, Shelby
John William Smolen, Jefferson

Bachelor of Science in Agricultural Engineering

One candidate

George Edward Mills, Ashland

Bachelor of Ceramic Engineering

Nine candidates

Glenn Edward Bergman, Jr., Dayton
Richard Vaughn Culbertson, Zanesville

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

Russell Alan Dunmire, Coshocton
Berry Edward Johnson, South Point
*John Lester Martin, Navarre
*Michael Edward McConnell, Gahanna
Mark Howard Palmer, Kettering
Michael Joseph Reidelbach, Columbus
William Douglas Robertson, Granville

Bachelor of Chemical Engineering

Eleven candidates

Yong Jun Ahn, Columbus
John Joseph Curran, Bellaire
Thomas Teegardin Duvall, Ashville
Leslie Wayne Feller, Massillon
Luther Glen Hilton, Buckeye Lake
Seward Ewege Matthews, New London
Robert William McCrackin, Marietta
John Lawrence Shailer, Hudson
Richard Neil Thomas, Cincinnati
John William Toussant, Canton
Carl George Wysocki, Fairview Park

Bachelor of Civil Engineering

Twenty-two candidates

*Dana Lawrence Briggs, Woodfield
Arthur Corsano, Bronx, N. Y.
Clifford Eugene Criswell, Coshocton
Thomas Earl Croley, II, Worthington
Dennis Warren Gardner, Columbus,
Gundars Gulbis, Toledo
Abdul-Wadood Ahmed Haider,
Al-Mansura, Aden, Southern Yemen
Charles Luther Helm, Columbus
Bryan Francis Hickey, Columbus
Paul Terrence Humble, West Liberty
Don Alan Jenkins, Richmond Heights
Kenneth Clyde Johnson, Jr.,
West Union
Ronald Joseph King, Ft. Recovery
George William Maki, II, Painesville
Richard Parker Mindigo, Columbus
Robert Grant Oman, Arlington
Stephen Michael Owen, Columbus
James Aaron Page, Urbana
Lloyd Fredrick Snyder, Jr., Columbus
Steve Alan Stolte, Wapakoneta
Fred Franklin Valins,
University Heights
Robert Stephen Welsh, Columbus

Bachelor of Science in Civil Engineering

Three candidates

Steven Howard Gebler, Brooklyn, N. Y.
Robert Lynn Phillips, Jefferson
Randy Dean Wurtsbaugh, Richwood

Bachelor of Science in Computer and Information Science

Five candidates

Stuart David Abramson, South Euclid
William John Fleiner, Galion
Larry Edward Hart, Cincinnati
James Michael Ludwig, Parma
Frederick William Wack, Louisville

Bachelor of Electrical Engineering

Forty-two candidates

James Carol Ault, Dola
William Michael Bierbower,
Grantham, Pa.
Stephen Moore Bower, Rio Grande
Ronald Alan Brown, Caldwell
David LeRoy Buchanan, Lima
James David Butcheck, Mentor
Robert Goodrich Chapman, Plain City
Joseph Richard Chute, Columbus
Arthur John Davey, Lorain
Edmund Eugene Dems, Strongsville
Stephen Roy Dillon, Columbus
Leonard Lewis Fogell, Ashland
William Frederick Fouse, Lancaster
John Jay Franklin, Jr., Glenside, Pa.
Robert Harold French, Bellaire
Randy Lee Garverick,
Philadelphia, Pa.
Mark John Hentz, Jr., Columbus
Richard Joseph Herrick, Lakewood
Michael John Holzaepfel, Sandusky
Lawrence Joseph Kusan, Columbus
Gary Winston Linn, Bellevue
Thomas Henry Logsdon, Stow
Douglas Philip Metzger, Lorain
Frank Schriver Mills, Ashland
Norman Louis Muhme, Toledo
Edward Howard Newman,
University Heights
William Richard Osborn, New Albany
Thomas Arthur Peebles, Jr., Columbus
Marius Raymond Poderys, Columbus
Carl Dennis Porter, Fairborn

Blaine R. Rabe, Coldwater
Clark Glenn Reed, Salamanca, N. Y.
Anthony Albert Rutti, Cleveland
Nicholas St. Cavish, Jr., Louisville, Ky.
Richard James Shelquist, Galion
Gary Norman Skillicorn, Bedford
Gary Allan Smith, Trotwood
Phillip Randall Smith, Columbus
Randall Clarke Stauffer,
Sharpsville, Pa.
Edward Arthur Wilson, Columbus
Robert Perry Wolff, Columbus
Logan Rahn Zintsmaster, Akron

Bachelor of Industrial Engineering

Twenty candidates

Joseph Edward Bashor, Cincinnati
Jon William Bennett, Columbus
Jimmie Vaud Bosley, The Plains
Fred Lawrence Brachman,
Miami Beach, Fla.
Robert Edward Brauer, Wapakoneta
Frederick Herman Conrad,
Steubenville
Michael Victor Demczyk, Parma
Harvey Wayne Elice,
Leominster, Mass.
Richard Franklin James, Columbus
James Robert Kleinke, Portsmouth
Albert Paul Konchar, Jr., Canton
Michael James Kray, II, Akron
James Edward Lipp, Sandusky
Richard Alan McNeely,
Indianapolis, Ind.
William Donald Mitchell, Jr., Mansfield
Nick Joseph Rackoff, Youngstown
David Allan Schroeder, Columbus
Phillip Thompson Soule, Jr., Columbus
Allen Wayne Traucht, West Liberty
Phillip Howard Wilson,
Milwaukee, Wis.

Bachelor of Science in Industrial Engineering

Four candidates

James Arden Goings, Reynoldsburg
David Paul Riley, Cincinnati
Richard Fletcher Whiteman
Huntington Sta., N. Y.
Thomas Newton Williams, Columbus

* Also Master of Science, Graduate School

Bachelor of Mechanical Engineering

Seventeen candidates

Mohamad Abrishaman, Tabriz, Iran
 James Joseph Andros, Toledo
 *Richard Eugene Baker, Columbus
 David Allen Ball, Zanesville
 Bruce Alan Bell, Canton
 Joseph Leonard Eiben, Cleveland
 John Durbin Gerber, Dover
 Dana Jay Griggs, Mendon
 Bruce Lee Harshe, Lima
 James Russell Hill, Columbus
 Charles Winfred Ickes, Columbus
 John Leo Kelley, Englewood
 *Daniel Paul Koscinski,
 Garfield Heights
 Charles Paul Schwaderer, Cleveland
 Stephen Eugene Seilheimer, Tiffin
 Roger William Smith, Grove City
 Rostam Yeganegi, Tehran, Iran

Bachelor of Science in Mechanical Engineering

Eleven candidates

William John Bux, Wadsworth
 William Jesse Dickinson, Oberlin
 Steven Lawrence Fisher, Lima
 Neal William Greenfield, Jr.,
 Columbus
 Richard Joseph Hammond, Columbus
 David Lee Hart, Berea
 Lawrence Edward Klein, Lexington
 Bruce John Landefeld, Massillon
 Stephan Leonard Morse, Rocky River
 Gene Fredrick Myers, Genoa
 Charles Alva Parker, Jr., Wadsworth

Bachelor of Metallurgical Engineering

Ten candidates

Brian Michael Clark, Canton
 Niyazi Eroglu, Trabzon, Turkey
 Gerald Robert Holman,
 Pittsburgh, Pa.
 Forrest Dee Nixon, III, Chagrin Falls
 Dale N. Overturf, Dunkirk, N. Y.
 Thomas Lawrence Raredon,
 Deerfield, Ill.
 Hans Sellge, Jr., Highland Heights
 Donald James Shade, Cleveland
 Kenneth Edward Sumner, Dayton
 John Philip Winter, Oak Harbor

Bachelor of Science in Physics

Ten candidates

Thomas Leo Bills, Maria Stein
 Charles Stephen DeSilets,
 Drexel Hill, Pa.
 James Conway Dudte, Loudonville
 Michael Newton Forrest, Sandusky
 James Dean Joseph, Grove City
 Evelyn Kay Smith Kinzel, Bremen
 *Nelson William Marshall, Dayton
 John LaVerne Regner, Columbus
 John Lowell Turner, Columbus
 Steven Richard Wenner, Bucyrus

Bachelor of Science in Engineering Physics

One candidate

Irving Auerbach, Cleveland

Bachelor of Welding Engineering

Five candidates

Norman Charles Binkley, Canton
 Stanley Edward Glanzer, Dayton
 Stephen James Hull, Westerville
 Frederick Mike Kuck, Wapakoneta
 David Mitchell Parker, Scotrun, Pa.

School of Architecture**Bachelor of Architecture**

Twenty-three candidates

Robert Louis Bell, Salem
 Charles Paul Cerniglia,
 Hempstead, N. Y.
 David Lee Deal, Columbus
 William Joseph Drechsler, Elrama, Pa.
 Hans-Harald Grote, Columbus
 Judson Richard Herter, Industry, Pa.
 Hunter Stratton Hopson, Jr., Hilliard
 Richard Lee Hungate, Westlake
 Robert Arthur Huth,
 Farmington, Mich.
 Jeffrey Michael Kalban,
 Freeport, N. Y.
 William Lindsay Mann, Columbus
 Mickey Andrew Melragon, Columbus
 Charles Lynn Nickel, Tiffin

Constantine Pavlou,
 Sherman Oaks, Calif.
 William Ray Plate, Wellsville
 Russell John Rule, Columbus
 Gerald David Runkle, Toledo
 John Alan Stock, Shaker Heights
 Timothy Felty Timberman, Cincinnati
 Gerald Erwin Tschabold, Alliance
 Sotireos Voyages, Astoria, L. I., N. Y.
 David Allen Wolfberg,
 North Woodmere, N. Y.
 John Howard Zaugg, Mansfield

Bachelor of Science in Architecture

Nine candidates

Kenneth Frederick Bailey, Springfield
 Thomas Edward Black,
 Morgantown, W. Va.
 Herbert Dwight Bonner, Lakewood
 Robert Joseph Corna, Columbus
 Bruce Lyn Hubbard, Dayton
 Roger John Koch, Columbus
 Darrel Lynn Rohrer, Columbus
 Philip Craig Sager, Sheffield Lake
 Gary Parish Turpening,
 Columbus, Ind.
 B.A.

Bachelor of Landscape Architecture

Four candidates

James Douglas Holtschulte, Columbus
 Raymond Cecil Kapp, Bedford
 Thomas Halvor Mikkelsen,
 Los Altos, Calif.
 William Roy Swank, Fredericktown

* Also Master of Science, Graduate School

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

One hundred and thirty-three candidates

Mark Rogers Abel, Athens
A.B. (Ohio University)

William Henry Allyn, Jr., Chillicothe
A.B. (Harvard University)

Thomas Richard Anderson, Cleveland
A.B. (University of Notre Dame)

Richard Arthur Anthony,
Fairport Harbor
A.B. (Miami University)

Richard James Ashby, Jr., Lancaster
B.A. (Wittenberg University)

Edward Allen Bacome, Columbus
B.S. in Agr.

David Regis Barnhizer, Youngstown
B.A. (Muskingum College)

Robert Joseph Birge, Lakewood
B.A. (California State College at
Fullerton)

David Solomon Bloomfield, Columbus
B.S.

Michael Marshall Briley, Perrysburg
A.B. (Miami University)

Stephen Cahall Brunner, Lexington
B.S. in Bus. Adm.

John Raymond Butz, Eaton
B.A.

David Scott Calihan, Vandalia
B.A. (Earlham College)

Gregory John Callaghan, Bellevue
B.A. (University of Notre Dame)

Stanley Craig Chapman, Sandusky
B.S. in Bus. Adm. (Bowling Green
State University)

John Simmons Cheetwood, Columbus
A.B. (Duke University)

Allen Delos Clark, Farmington, Mich.
B.A. (Michigan State University)

John Kenneth Colgrove, Painesville
B.A.

Robert Wright Cool, Columbus
B.A. (Muskingum College)

Douglas Frank Daley, Lakewood
B.A. (Kent State University)

Richard Dale Dodez, Akron
B.S. in Bus. Adm.

Lawrence Oliver Eitzen, Bay Village
A.B. (University of Michigan)

Rodman Reynolds Enslinger, Norwalk
B.A. (Bowling Green State University)

David Richard Essig, Massillon
A.B. (Ohio University)

John Robert Ettenhofer, Hamilton
B.A.

James Frederick Fell, Toledo
B.A. (University of Notre Dame)

Mark Alicen Foley, Middletown
B.S. (Xavier University)

Gary LeVaunt Ford, Steubenville
B.A.

Lawrence Milton Friedman,
Chicago, Ill.
B.A. (University of Illinois)

Jeffrey E. Fromson, Shaker Heights
B.A. (Miami University)

John Paul Garber, Mansfield
A.B. (Princeton University)

Richard Howard Glazer, Zanesville
B.B.A. (University of Cincinnati)

Jeffrey Mitchell Glenn, Toledo
B.A.

Jack Dennis Gooding, Attica
B.S. in Bus. Adm. (Bowling Green
State University)

William Henry Gosline, Maumee
B.A. (Denison University)

Myron David Harrison, Lancaster
B.A. (Kenyon College)

Clarence Luther Heckman,
Pemberville
B.A.

Keith Francis Henley, Worthington
B.S. in Bus. Adm.

Robert William Hennessy, Jr.,
Cleveland
B.S. (Xavier University)

Jimmy D Henson, Columbus
B.A.

Barry Martin Hornstein,
Brooklyn, N. Y.
B.A. (New York State University
at Buffalo)

James Thomas Houfek, Lancaster
B.B.A. (University of Notre Dame)

Robert Frederick Howarth, Jr.
Newark
B.A. (Denison University)

Willard Wallace Hoyt, Maumee
B.A. (Ohio Wesleyan University)

Richard Maurice Huhn, Marion
A.B. (Ohio University)

William Michael Isaac, Bryan
B.S. (Miami University)

William Gregory Ellis Jacobs,
Lakewood
A.B. (University of Michigan)

Gordon Lane Johnson, Newark
B.B.A. (Ohio University)

Ronald David Keener, New Lebanon
B.S. in Edu.

John Edward Kehoe, Portsmouth
B.S. in Edu. (Ohio University)

Roger Edwin Kephart, Painesville
B.A.

Richard Rankin Kinney, Jr., Columbus
B.A. (Ohio Wesleyan University)

Marvin James Kinstlinger, Cleveland
B.S. in Bus. (Miami University)

James Richard Kirkland, Troy
B.A. (Ohio Wesleyan University)

James William Knisley, Xenia
B.S. in Bus. (Miami University)

Ronald Gene LaAsmar, Zanesville
A.B. (Ohio University)

Garey Lee Laube, Stamford, Conn.
B.A.

Peter Reinhardt Laylin, Columbus
B.A. (Colby College)

Robert Kolter Leonard, Lima
B.A. (Carleton College)

Robert Edward Levey, Toledo
B.S. (University of Pennsylvania);
M.B.A.

Michael Steven Linn, Wooster
B.A. (College of Wooster)

Frederick Harlan Loffman, Ashtabula
B.A. (Kent State University)

Michael Gary Long, Dexter City
B.A. (Ohio Wesleyan University)

Daniel Jon Loomis, Perry, Mich.
A.B. (Wheaton College)

Daniel Joseph Loveland, Columbus
B.A.

Gary Wayne Lunter, Worthington
B.A.

Donald Leo Mains, Jr., Columbus
B.S. in Edu.

David Paul Martin, Cleveland Heights
B.A.

Francis Johnston McGavran,
Columbus
B.S. in Bus. Adm.

Timothy John McGrath, Columbus
B.S. in Bus. Adm.

James Ross McIlvaine, Dover
B.A. (Muskingum College)

John Jeffrey McNealey, Columbus
A.B. (Cornell University)

John Richard Merchant, Marion
A.B. (Ohio University)

Nicholas Joe Milanich, Jr., Middlefield
A.B. (Ohio University)

Laurence Lynn Miller, Findlay
B.A.

Mark Alan Miller, Delaware
B.A.

James Russell Moats, Forest
B.A. (Denison University)

William Hawkins Moorhead,
Steubenville
B.A. (Kent State University)

John Frederick Moul, Leroy
B.A. (Miami University)

Jarrell Lee Murchison, Columbus
B.A. (Miami University)

Charles Robert Naylor, Gahanna
B.A.

Orrin Bruce Nordstrom, Jr., Lima
B.S. in Bus. Adm.

Mark Stanton O'Connor, Bellefontaine
B.A. (John Carroll University)

Daniel Martin O'Keefe, Springfield
B.A. (University of Dayton)

Thomas Rodney Owen, Avon Lake
B.A. (Wittenberg University)

Michael Garver Oxley, Findlay
B.A. (Miami University)

Thomas Hoffman Palmer,
Newton Falls
B.A. (Wittenberg University)

Nicholas Andrew Paras,
Limassol, Cyprus
B.A., B.M. (Ohio Wesleyan
University)

Harold Clark Phillips, Columbus
B.A. (Bowling Green State
University)

Jerome Phillips, Toledo
B.E.A. (University of Toledo)

Robert Anthony Piazza, Elyria
B.S. in Bus. Adm.

Jack Richard Pigman, Jr., Fostoria
B.A. (University of Notre Dame)

James Edward Poff, Findlay
B.A. (College of Wooster)

Milton Ames Puckett, Dayton
A.B. (Ohio University)

Mollie Gordon Raskind, Worthington
B.A. (University of California,
Berkeley)

Walter Washington Reckless, Dublin
B.S. in Bus. Adm.

William Douglas Reynard, Mt. Vernon
B.S. in Edu.

Thomas Joseph Riley, Columbus
B.A.

Richard Frank Ritter, Huron
B.A. (Baldwin-Wallace College)

John Baker Rohyans, Worthington
B.S. in Bus. (Miami University)

Waldo Bennett Rose, Lima
A.B. (Princeton University)

Daniel Robert Rupp, Columbus
A.B. (Duke University)

James Harley Russell, St. Charles, Ill.
B.A. (Ohio Wesleyan University)

John Michael Salimbene, Columbus
B.A.

Mark Curran Schaffer, Toledo
B.A.

Thomas Joseph Shumard,
Mingo Junction
B.B.A. (Ohio University)

Alan Bronson Smith, III, Columbus
B.A. (Ohio Wesleyan University)

Joel David Sommers, Cleveland
B.A.

John Stuart Steinhauer,
Cuyahoga Falls
B.A., B.S. in Edu.

John Frederick Stergios, Adena
B.A. (Mount Union College)

Emil Stipanovich, Jr., Youngstown
A.B. (Princeton University)

Thomas Michael Tarpay, Columbus
A.B. (John Carroll University)

Kenneth Michael Taylor, Loveland
B.A.

Arthur Clifford Thorton, Jr.,
Lakewood
B.A. (Abilene Christian College)

John Harold Thrush, Worthington
B.S. in Edu.

David Winans Tucker, Columbus
B.A. (Dartmouth College)

James Steven Turner, Cleveland
B.A.

Lee Irwin Turner, Shaker Heights
B.S.

Robert Raymond Twohig, Jr.,
Huntington, W. Va.
B.A. (Marshall University)

Gregory Frank VanGundy, Bryan
B.A.

Stephen Joseph Vergamini, Dayton
B.A. (University of Dayton)

Charles Allen Vince, Steubenville
B.A.

Sally Jean Ward, Columbus
B.A. (Saint Louis University)

Thomas Loor Weber, Wellston
A.B. (Ohio University)

Robert Mittler Weinberger, Hubbard
B.S. in Bus. Adm.

David Brooks Westwater, Jr.,
Columbus
B.A.

Philip Warren Whitaker, Columbus
B.A.

Willard Randall Winter, Cincinnati
B.A. (University of Cincinnati)

Ronald Irwin Wiseman, Amelia
B.A. (Miami University)

Ronald Lee Wollett, Columbus
B.S. in Phar.

Frank Chester Woodside, III,
Cincinnati
B.S.

Thomas Eldon Workman, Delaware
B.S. in Bus. Adm.

Robert Bond Young,
Newton Square, Pa.
B.A. (Denison University)

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

One hundred and thirty-six candidates

Samuel Albert, Toledo
B.A.

Michael Ames Allan, Dayton
A.B. (Indiana University)

Robert Lewis Anderton, Worthington
B.A.

Leon Frank Artzner, North Canton
B.S.

Paul Joseph Axelrod, Cleveland
B.S.

Chester Enoch Bartram, Jr., Alliance
B.S. (Mount Union College)

Harold Frederick Baskin,
Cleveland Heights
A.B. (Ohio University)

Joseph Edward Beaumont, Jr.,
West Portsmouth
B.S. (Saint Louis University)

Kurt Arnold Bertschinger, Cleveland
A.B. (Case Western Reserve
University)

Thomas Lee Blackstone, Newark
B.S.

Donald Walter Booher, Miami, Fla.
A.B. (Oberlin College)

Edward Joseph Booth, Zanesville
B.S. (Otterbein College)

Wayne Stanford Brechbuhler, Canton
B.A. (Colorado College)

Robert Scott Brenner, Hamilton
B.S.

Michael Robert Brocke, Woodville
B.S. (Capital University)

Robert Lewis Brown, Lima
B.S.

John Nicholas Brucoli, Youngstown
B.A.

Frank Raymond Bruening, Avon
B.S. (John Carroll University)

Lawrence Allan Bucklew, Jr., Warsaw
B.S. (Ohio University)

Stephen Joseph Buday, Cleveland
B.S. (John Carroll University)

Jeffrey William Bullard, Berea
B.S. (Allegheny College)

Patrick Thomas Butterfield, Ada
B.A.

Ruth Anne Cardwell, Ironton
B.S.

Roy Edwin Carlson, Youngstown
A.B. (Case Western Reserve
University)

William Michael Chinn, Columbus
B.A.

Arnold Mathew Chonko, Parma
B.S.

Robert H. Ciralsky, Toledo
B.S.

Douglass David Collins, Kent
B.A. (Kent State University)

John William Cunningham,
Rocky River
B.A.

Paul Virden DeLamater, Toledo
B.S. (Bob Jones University)

Louise Desgranges, Holgate
A.B. (Miami University)

Stephen John DeVoe, Columbus
B.A.

Patrick Joseph Donley, Columbus
B.S., M.S.

David Scatterday Dyke, Carrollton
B.S.

Larry Paul Ebbert, Ravenna
B.A. (Kent State University)

Deborah Strong Ebner, Loudonville
B.S.

Theodore Frank Ebner, LaFayette
B.S.

Earl Dennis Eifert, Dayton
B.S. (University of Dayton)

LeRoy John Essig, Woodbury, N. Y.
B.S. (Boston College)

Thomas William Evans, Jr., Columbus
D.D.S., M.S.

William Henry Falor, Akron
B.S.

Jeffrey James Fierra, Cleveland
B.S.

James Wallace Finn, Warren

Gerald Allen Fishman, Cleveland
A.B. (Case Western Reserve
University)

Patrick Walter Flanigan, Dayton
B.A.

Robert William Fowler, Xenia
B.S.

Barry Alan Friedman, Dayton
B.A. (Vanderbilt University)

James LeOndis Frisk, Fargo, N. D.
B.A. (Moorhead State College)

Hugh Charles Gilbert, Cleveland
A.B. (Case Western Reserve
University)

Joel Mark Ginsberg, Youngstown
A.B. (Case Western Reserve
University)

William Allen Gintling, Akron
B.S.

James Peter Goetz, Shaker Heights
B.A. (University of Notre Dame)

Richard Laverne Goode, Columbus
B.S.

John Allen Gross, Akron
B.S. (University of Akron)

Marjorie Alma Harellick,
Bayonne, N. J.
B.A. (Antioch College)

Sylvia Louise Harper, Warren
B.S. in Phar.

Thomas Howard Hartranft, Columbus
B.S.

Jeffery Conway Hutzler,
Shaker Heights
B.S. (Westminster College)

Paul Harold Iahn, Cleveland
B.S. (Ohio University)

Robert Allen Jacob, Cleveland
A.B. (Case Western Reserve
University); M.S.

Charles Perin Johnson, Hillsboro
B.S. (Marietta College)

Robert Sheldon Jones, Port Clinton
B.S. (Westmont College)

Steven Michael Klein,
University Heights
A.B. (Washington and Jefferson
College)

Richard Allan Knazek,
Cleveland Heights
B.S. (Case Institute of Technology);
M.S. (Lehigh University)

Michael Lee Krantz, Cuyahoga Falls
A.B. (Greenville College)

Marvin William Kronenberg,
Cleveland
A.B. (Miami University)

Robert Phillip Kropac, Ravenna
B.S.

Stephen Henderson Lacey, Columbus
B.A. (Yale University)

Gary Dean Lentz, Ashland
B.S. (United States Air Force Academy)

Joseph Michael Leonard, Lima
B.S.

Burton Lloyd Lerman, Cincinnati
A.B. (University of Michigan)

John Weston LeSar, Lancaster
B.S.

Richard Pratt MacDermott, Jr., Wellington
A.B. (Oberlin College)

David George Marsh, Beachwood
A.B. (Cornell University)

Richard Kazdin Maza, Toledo
B.S. (University of Toledo)

Michael Linden McGannon, Cleveland
B.S. (John Carroll University)

William Elmer McGraw, Toronto
B.S. (University of Notre Dame)

Henning Mehrens, North Olmsted
B.A.

Thomas Gordon Mignerey, Toledo
B.S. (Otterbein College)

Alan Michael Miller, Akron
B.S. (University of Akron)

Gail Dietrich Miller, LaRue
A.B. (Miami University)

James Stuart Miller, IV, Youngstown
B.S. (Mount Union College)

Frank Delbert Moeller, Fairview Park
B.S. (Muskingum College)

Albert Csaba Molnar, Cleveland Heights
A.B. (Western Reserve University)

Paul Lawrence Mueller, Cleveland
B.A. (Valparaiso University)

James Patrick Mulrooney, Steubenville
B.A. (College of Steubenville)

George Christopher Myers, Logan
B.S.

Richard Harmon Nealis, East Palestine
B.A. (Thiel College)

Donna Farmer Norris, Columbus
B.A. (Fisk University)

Richard Andrew Nusser, Rocky River
A.B. (College of the Holy Cross)

Gregory Francis O'Brien, Bay Village
A.B. (College of the Holy Cross)

Margaret Ellen Wagner Olsen, Columbus
B.A. (Ohio Dominican College)

David Joseph O'Patry, Cleveland
B.S. (Capital University)

Jerry McAdams Palmer, Akron
B.S. (University of Akron)

Robert Wayne Patti, Akron
B.S. (University of Akron)

Stephen Edwin Paul, Dayton
B.A.

George Patrick Pettit, Piketon
B.S.

Larry Lee Pfahler, New Washington
B.A. (Malone College)

Michael Dean Phillips, Columbus
B.A. (Ohio Wesleyan University)

Stephen Jay Pincus, New York, N. Y.
B.S. (Rensselaer Polytechnic Institute)

Joseph Gerhard Rauch, Dayton
B.S. (University of Dayton)

Robert Gale Reiheld, Orrville
B.S.

James Lowell Reinglass, Canton
B.S.

Thomas Charles Richard, Westlake
B.S. (Ohio University)

William Howard Rieck, Jr., Mason
A.B. (Indiana University)

Robert Clayton Rogoff, Warrensville Heights
A.B. (Miami University)

Linda Silsby Schultz, Mansfield
B.A.

Nathan David Schultz, Dayton
A.B. (Earlham College)

James Allen Shapero, Shaker Heights
B.A. (Washington and Jefferson College)

Stephen Dennis Shell, Columbus
B.A.

LeRoy Shouse, Dayton
B.A. (Blackburn College)

Bruce Edward Siegel, Columbus
B.S. (Miami University)

Larry Walker Simpson, Marion
B.A. (Ohio Wesleyan University)

Ada Kathleen Skinner, Menands, N. Y.
B.S., M.S. (State University of New York, Albany)

Douglas Rolan Sleight, Newark
B.A. (Albion College)

Hugh Samuel Smith, Cleveland
A.B. (Case Western Reserve University)

Arthur Leslie Stein, Cleveland Heights
A.B. (Case Western Reserve University)

Jan Thomas Steinbaugh, Tiffin
B.S. (University of Dayton)

Dwight Raymond Stickney, Cleveland
B.S., M.S.

Daniel Eric Stump, Sheffield Lake
B.S.

Bruce Merrill Tennebaum, Columbus
A.B. (University of Michigan)

James Eugene Thomas, Cuyahoga Falls
B.S.

Thomas Glenn Thornton, Dayton
B.S. (University of Dayton)

Gerald Joseph Tornabene, Massillon
B.A. (Wittenberg University)

Richard Kurt von Maur, Columbus
B.I.E.

Robert Dwight Wagar, Westlake
B.S. (Cleveland State University)

David Earl Warner, Wooster
B.A. (College of Wooster)

Harvey Jarold West, University Heights
A.B. (Cornell University)

Howard Spencer Wharton, Ashland
B.S., M.S.

James Henry Wilkin, Hillsboro
B.S. (University of Cincinnati)

Terry Earl Williams, Martins Ferry
B.A.

Keith David Wilson, Johnstown
B.S.

Daniel Edwin Wise, Columbus
B.S. (Muskingum College)

George Huffman Wolfe, Columbus
B.S. (University of Wisconsin)

Lucy Cleaver Young, Mt. Pleasant
B.S. (Wheaton College)

John Oliver Zachman, Maumee
B.A. (DePauw University)

School of Allied Medical Professions

Bachelor of Science in Medical Dietetics

Nine candidates

Barbara Ann Berner, Lorain
Gretchen Ann Griffiths, Massillon
Christine Hendricks Leyshon, Dayton
Susanne Marie Mallett, Bay Village
Tia Gold McCutcheon, Akron
Cheryl Lynne Rampey, Dayton
Sandra Lee Reese, Elida
Susan Jo Schneider, Hubbard
Karen Sue Sedlock, Largo, Fla.

Bachelor of Science in Medical Technology

Fourteen candidates

Naomi Jean Hagar, East Liberty
Barbara Ruth Haney, Baltimore
Wendy Louise Hess, Columbus
Jean Ellen Hoefinger, Hilliard
Margie Diane Hunston, East Palestine
Marilyn Jean Kaiser, Yonkers, N. Y.
Barbara Jean LaFon, Elyria
Nancy Jean LaMancusa, Tallmadge
Carol Louise Phillippi, Columbus
Linda Fahnce Pulskamp, Celina
Sandra Ann Soviak, Berlin Heights
Richard Andrew Spisak, Parma
Elizabeth Nora Travis, Maple Heights
Michele Chipley Wright, Troy

Bachelor of Science in Occupational Therapy

Two candidates

Patrice Dilworth Moore, Cleveland
Therese Annette Tarapchak, Columbus

Bachelor of Science in Physical Therapy

Thirty-three candidates

Barbara Elin Bostad, Huron
Carol Ann Brown, Orrville
Josephine Lucy Costanzo, Cleveland

Geraldine Marie De Nardi, Dillonvale
Gary Lyle Derscheid, Brookings, S. Dak.

Phyllis Ann Firman, Columbus
Jo Anne Frantz Foley, Springfield
Sharon Lee Foster, Vandalia
Kathy Louann Fralick, Springfield
Rebecca Buzza Harmon, Zanesville
Nanette Lynn Helscher, Cincinnati
Delores Lynette Hetrick, Lindsey
Joan Elizabeth Hewetson, Pomeroy
Mary Susan Hopper, South Vienna
Jo Ellen Inman, Urbana
Kathleen Meister Jones, Mansfield
Sharon Rose Kelley, Reynoldsburg
Judy Ann Kohl, Springfield
Wendy Margery Kreutzberg, Cleveland

Virginia Ann Lydic, Millersburg
Andrea Mellott McClellan, Woodsfield
Jill Agnes McGee, Cleveland
Rosiland Archer McNeeley, Bryan
Paul Robert Mitchell, Leavittsburg
Sally Louise Porr, Marshallville
Carolyn Marie Pretchel, Chagrin Falls
Janet Elaine Steward, Hamilton
Barbara Jean Tebay, Youngstown
Mary Louise Thornburg, Boardman
Ginger Joanne Tripp, Canton
Kathryn Eugenia Vervin, East Liverpool
Susan Joyce Watson, Washington, Pa.
Christine Elizabeth Wedge, East Canton

Certificate of Graduate Medical Technologist

One candidate

Rebecca Daniell Elledge, Columbus
B.S. (University of Texas)

Certificate of Nurse Anesthetist

Six candidates

Fredrica Mae Barrett, Geneva
Shirley Ann Biega, Wheeling, W. Va.
James William Fetters, Mansfield
Naomi Bledsoe Masters, Barboursville, W. Va.
Sara Ann Senker, Weirton, W. Va.
Geraldine Guy Spooner, Dayton

School of Nursing

Bachelor of Science in Nursing

Fifty-two candidates

Sue Ellen Baumgardner, Mt. Prospect, Ill.
Barbara Craig Berger, Mt. Vernon
Martha Ellen Burnett, Forest
Patricia Diane Cornwell, Woodburn, Ore.
Christine Elizabeth Coyle, Galion
Kathleen Ann Curtiss, Toledo
Janet Louise Dirmeyer, Waverly
Elizabeth Ann Durigg, Bucyrus
Billie Jeanne Carpenter Eddy, Columbus
Rita Joyce Fisher, Cleveland Heights
Karen Rae Ford, Norwalk
Betty Skoch Giammar, Cleveland
Leslie Ann Gigax, Wooster
Sallie Mae Gowdy, Cleveland
Barbara Ann Graham, Cincinnati
Carolyn Sue Hahn, Northbrook, Ill.
Janet Lee Hanger, Vincent
Sharon Lynn Haughey, Columbus
Mary Lee Hofacre, Lexington
Carol Johnston Hoffman, Caledonia
Marcia Louise Iler, Paulding
Marilyn Ruth Kanney, Milan
Jane Mary Keller, Dayton
Kathryn Alice Kluss, Rootstown
Phyllis Miley Koons, Eaton
Joyce Ann Lammert, Dayton
Luanne Prudhoe Lashutka, Cleveland
Judith Lynn Lilja, Coshocton
Karen Edith Maczka, Independence
Carol Rugland Meade, Minneapolis, Minn.
Ann Lettitia Meeks, Columbus
Joanne Lagergren Menke, Cincinnati
Diana Elizabeth Miller, Lyndhurst
Lois Ann Miller, Toledo
Gretchin Curtis Mills, Kenton
Linda Kay Misel, Wyckoff, N. J.
Constance Marie Peltz, Lyndhurst
Nancy Ann Pfaltzgraf, Columbus
Janis Ellen Pitzen, Toledo
Joan Reiner, Mt. Carmel, Pa.
Dale Ernest Richmond, Rapid City, S. Dak.
Nancy Jane Russell, Burton
Betty Ann Schwartz, Waterville
Margaret Mary Shehan, Cleveland
Sally Ann Smith, Washington C. H.
Sharon Gail Stuckey, Avon
Cheryl Kay Tays, Uniontown
Linda Aline Tinsley, Kettering

College of Optometry

Dean: Frederick W. Hebbard

Sharon Watts Voelke, Blanchester
Phyllis Augusta Watzman,
Pittsburgh, Pa.
Roberta Schwartz Weber, Marietta
Mary Lou Weiland, Bay Village

Doctor of Optometry

Thirty-four candidates

Louis Earl Baskin, Rochester, N. Y.

Arthur Albert Bram, South Euclid

Darrell Lawrence Brautigam, Sidney
B.S.

Ronald Franklin Cooke, Harrison
B.A. (University of Louisville)

Harlan Dale Cuklanz, Estherville, Ia.
B. S. (Massachusetts Institute of
Technology)

Carol Ann Danko, Cleveland
B. S.

Thomas Barry Dankworth, Piqua

Ronald Wayne Downing, Zanesville
B. S. in Edu.

Byron Cavin Floyd, Ann Arbor, Mich.
B. S.

Lawrence Allen Gill, Cleveland
B. S.

David Dudley Glick, Columbus
B. Agr. E.

Allen Martin Goldstein, Bronx, N. Y.
B. S. (City College, New York)

Howard Saul Gottlieb,
Roslyn Heights, N. Y.
B.A. (State University of New York:
at Buffalo)

James John Hilligan, Portland, Mich.

James Steven Jambor, Maple Heights

Charles Joseph Keil, Benzonia, Mich.
B. S. in Opt.

Wallace John Knapp, Celina

George Vearl Landon, Chardon
B. S.

Ronald Lynn Mesnick, Shaker Heights
B. S.

Brice Russell Musser, Lima
B. S.

Theodore William Nichting, Hamilton
B. S.

Lyman Claire Norden, Napoleon
B. S.

Ronald Warren Peach, Oregon
B. S.

Michael Polasky, Cleveland
B. S.

Michael Jacob Riggilo, Mingo Junction
B.S.

Daniel Milton Runyan, South Vienna
B. S. in Opt.

Robert Gordon Shreiner, Middlefield
B. S.

Thomas Clarkson Snyder, Cincinnati

Nancy Peterson Uniacke, Canton
B. S.

John Eric Vandemark, Greenfield

William Steven Waldman, Cleveland
B. S.

Stephen Samuel Weinberg,
Huntington, N. Y.
B. S.

Daniel George Wherley, Stone Creek
B. S. (Otterbein College)

John William Zahara, Bucyrus
B. S.

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Fifty candidates

Kenneth Lee Adkins, Amlin
Kenneth Allen Bachmann, Columbus
Neil Allen Baker, Livingston, N. J.
Leanna Loye Baldwin, Adena
Gary L. Chadwick, Monroeville, Pa.
Dianne Louise Courter, Orient
Donna Rae Craft, Columbus
James Bernard Dean, Ironton
Duane Ivan Everson, Belpre
Robert Howard Flowers, Lancaster
Joseph Todd Fraker, Lancaster
Terry Light Fraker, Girard
Jerome Friedman, Columbus
B. A.
Grace Marie Graham, Warren
Philip Postle Gramlich, Columbus
Ronald William Hanning, Middleport
Janet Lee Hart, North Canton
Jeffrey Sam Herbst, Cleveland
Stephen Kornel Hetey, Akron
B.S.
James Robert Hostler, Brady Lake
Max Leslie Hunt, Jr., Williamsport
Rachetta Kishony Kaseff,
Charleston, S. C.
Karel Ann King, Defiance
Kenneth Eugene Knott, Middletown
Jeri Ann Krueger, Mentor
Gordon Thomas Kulp, Columbus
Robert Louis Leeson,
University Heights
Joseph Jerry Lemmons, Springfield
Robert Edwin Lowry, Seville
Edward Dale Mast, Mt. Gilead
Richard Ewart Moley, Columbus
B. S. (Saint Lawrence University)
Elbert William Northrup, II,
Lancaster
Marilyn Williams Northrup, Warren
John Earl Petrie, Jr., Springfield

Richard Allen Petrilla, Warren
B. S.

Henry Barnett Rutland, III,
Schenectady, N. Y.
Rosalie Sagraves, Portsmouth
Richard Alvin Sams, Lebanon
Mary Lou Sasser, The Plains
James Michael Saus, Tiltonsville
Marialice Rose Schmitt, Columbus
David Lee Siddle, Columbus
Barbara Jean Slater, Steubenville
Michael Todd Smith, Columbus
Stephen Forrest Stamm, Mantua
Stephen Andrew Stolec, Lorain
B. S.
Christina Ruth Urban, Dayton
B. S.
Robert Milton Wagonblott,
Reynoldsburg
Robert Timothy Webster,
St. Clairsville
David Gary Young, Delaware

College of Veterinary Medicine

Dean: Clarence R. Cole

Doctor of Veterinary Medicine

Seventy-three candidates

William X Ahlering, Cincinnati
Robert George Allen, Sidney
B. S. (Wittenberg University)
John Allen Anderson, Reading
B. A. (Miami University)
John Scott Anderson, Grove City
Lawrence Louis Baum, Hamilton
Marcus James Beher, Springfield
B. S. in Agr.
Herbert Allen Betts, Shelby
Lawrence Edward Blum, Mt. Healthy
B. S. in Agr.
Peter McCoy Bowen, Wooster
Larry William Bruestle, Cincinnati
B. S. (Ohio University)
Edgar Clayton Buck, Elmore
B. S. in Agr.
James Ralph Buck, Monroe
B. S. (University of Cincinnati)
Keith Duane Burgett, Hammondsville
B. S. in Agr.
Roy Richard Buss, Orrville
Neal James Caldwell, Beallsville
Kenneth Allen Clever, Johnsville
George Gilbert Cloyd, Elida
James Ellson Cobb, Jr., Grafton
James Michael Cochran, Zanesville
B. S. in Agr.
Joseph Michael Cornwell, Portsmouth
Gordon Spencer Davis, Hillsboro
Murray Paul Deckelbaum, Cincinnati
Stanley Austin Eichelberger,
Cincinnati
B. S.
Keith Russell Evringham, DeGraff
James Leroy Ewing, Dayton
B. S. (Iowa State University)
Niles David Farris, Lakewood
B. A. (Kent State University)
Jay Lamont Forsyth, Canton
William Anthony Frey, Jr., Dayton
B. S. in Agr.
Lawrence Ernest George,
Mt. Blanchard

Sallie Margaret Ginaven, Akron
 Richard Charles Hackenbracht, Bellevue
 John Cole Harroff, Salem
 Jerry Chester Haughn, Leipsic
 Donald Walter Heagren, Mt. Vernon
 Richard Alexander Hersman, Wooster B. A. (College of Wooster)
 Kenneth Frank Holec, East Cleveland
 Theron Wesley Hysell, Columbus B. S. in Edu.
 Mark Allen Johnson, Lima
 Robert Elton Kaderly, Hilliard B. S. (Otterbein College)
 Ronald Michael Kondrich, Lakewood B. S.
 Stephen Michael Kurtzer, New York, N. Y.
 *Robert Lee Lautzenheiser, East Canton
 Anthony Taylor Lesh, Cleveland B.A. (Marietta College)
 Ward Howard Lutz, Urbana B.S. in Agr.
 Edward Mathew Maleski, Tippecanoe B.S. in Agr.
 Michael William Mathews, Huntington, W. Va. B.S. (Hampden Sydney College)
 William Frank McClymonds, Youngstown
 Clair Bruce McCullough, Mt. Victory B.S. in Agr.
 Lynn Stone McGrew, Columbus B.S. in Agr.
 *John Ruskin Mehaffey, Cambridge
 Robert Lorenzo Nelson, Athens A.B. (Ohio University)
 William Edward Ridder, Springfield
 Richard Lee Rudy, Jr., Columbus
 Sharon Ann Schumann, Wapakoneta B.S. in Agr.
 George Harry Siemering, III, Milford
 James Bradley Smith, Toledo B.S.
 Thomas Michael Smith, Reynoldsburg
 Royall Beverley Smithey, Richmond, Va.
 Richard John Smolen, Jefferson
 Michael Charles Snyder, Newark
 Timothy William Snyder, Avon Lake
 Stephen A. Solomon, Canton B.S.
 Rick Anthony Somers, Lima B.A. (Miami University)
 Roger Dee Spiess, Delta
 Richard Lynn Springer, Columbus
 Charles Thomas Steinman, Kenton
 David Woltmann Strickler, Mansfield B.S. in Agr.
 James Allen Walsh, Springfield
 Mark Edward Weaver, Jr., Sandusky
 *Penny Maurine Westenbarger, Lancaster
 Gary Robert Wiedwald, Cleveland B.A. (Miami University)
 John Rodgers Wilson, Lewisburg, W. Va.
 Robert John Wolterman, Cincinnati B.S. in Pharm. (University of Cincinnati)

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

Graduates with Honors

Summa Cum Laude

Mark Rogers Abel, Athens
Richard Eugene Baker, Columbus
Lois Jeanne Baldwin, Parma Heights
Suzanne Catharine Ball, Logan
David Regis Barnhizer, Youngstown
Bonita Lee Boger, Akron
John David Bond, Akron
Ronald Alan Brown, Caldwell
Patricia Ann Burgess, Cuyahoga Falls
Lee Mark Butler, Columbus
William Kerr Butler, Wellston
Ruth Anne Cardwell, Ironton
Arnold Mathew Chonko, Parma
George Gilbert Cloyd, Elida
Harlan Dale Cuklanz Estherville, Ia.
Charles Stephen DeSilets,
Drexel Hill, Pa.
Stephen Roy Dillon, Columbus
Margaret Louise Enke, North Canton
Janis Lynn Fetters, Lancaster
Eric Bruce Fisher, Wapakoneta
Dennis Michael Frank, Louisville
Robert Harold French, Bellaire
William Craig Fuller, Westerville
Timothy Craig Hawkins, Dayton
Linda Elaine Heaton, Columbus
Larry Ronald Hedrick, Omaha, Nebr.
Susan Hesnsey, Parsippany, N. J.
Ruth Klingensmith Hough, Mansfield
Julia Ann Huffman,
Shawnee Mission, Kan.
William Michael Isaac, Bryan
Janine Anne Joines, Levittown, Pa.
James Dean Joseph, Grove City
Richard Dale Katnik, Cambridge
Marlene Janet Kendall, Pataskala
Linda Ann Koon, Columbus
Luanne Prudhoe Lashutka, Cleveland
Anne Marie Leggett, Columbus
Carol Ann Mack, Glenford
William Courtney Martin, Jackson
Joseph Richard Matson, Tipp City
Bonnie Faye Meadors, Cincinnati
Gretchen Curtis Mills, Kenton
Joan Elizabeth Molloy, Worthington
Elizabeth Cole Moloney, Mentor
Nancy Ann Pfaltzgraf, Columbus
Barbara Jean Phillips, Akron
John LaVerne Regner, Columbus
Jay Christopher Shaffer, Cincinnati
Thomas Joseph Shumard,
Mingo Junction
Marsha Diane Spero, Shaker Heights
Wade Charles Tolleson, Huron
Gregory Frank VanGundy, Bryan
Gayle Lynne Waite, Newark
Virginia Beamer Weinhold, Columbus
Linda Tabler Weissinger, Wapakoneta
Nancy Rice Wharton, Columbus
Mary Acord Wilkins, Lima
Virginia Stahl Woodring, Granville
John Oliver Zachman, Maumee

Cum Laude

Thomas Atchison Ables, Cambridge
Mohamad Abrishaman, Tabriz, Iran
William Ray Adams, Fairborn
Bernard Irwin Agin,
University Heights
Robert George Allen, Sidney
Betty Jean Andreas, Worthington
Carol Elaine Angel, Sugarcreek
Richard Arthur Anthony,
Fairport Harbor
Arol Ray Augsburg, Lima
Paul Joseph Axelrod, Cleveland
Kenneth Allen Bachmann, Columbus
Richard Allen Ball, Mansfield
John Parrish Beavers, Worthington
David Clarence Beever, Shadyside
Bruce Alan Bell, Canton
Susan Jane Bender, Canal Winchester
Barbara Ann Berner, Lorain
George Clark Biehl, Canton
Richard Frederick Blass, Conneaut
Paul Alan Bogenrief,
Balboa Island, Calif.
William Parker Bridges,
Ontario, N. Y.
Michael Marshall Briley, Perrysburg
Lauren Helen Brothers, Rocky River
Gail Bradford Brown, Grove City
Carol Ann Brunhoefer, Worthington
Jennie Rae Buckner, Portsmouth
James Patrick Cagey, Gahanna
John Robert Campbell, Belle Center
Roy Edwin Carlson, Youngstown
Judith Ellen Case, Columbus
Paul Joseph Casper, Worthington
Vicki Lynn Casto, Grove City
Allen Delos Clark, Farmington, Mich.
Frank Michael Clement, Parma
Thomas Joseph Cogan, Columbus
Robert William Colby, Columbus
Julia Twomey Connell, Adel, Ga.
Janice Baker Cook, Columbus
Lynn Patrice Cook, Sidney
Victoria Diaz Cope, Salem
Edward Thomas Costello, Toledo
David Eric COWALL, Columbus
Belita Harriet Cowan,
University Heights
Herbert Eugene Craig, III,
Middlefield
Suanne Marie Crawford,
Parma Heights
James Robert Crone, Cincinnati
Carmen L. Cummins, Pioneer
Barbara Kay Davis, Columbus
Gail Fotheringham Davis, Columbus
Richard Wayne Delong, Kingston
Sharon Bliss Dinsmore, Kettering
Roland Roy Dute, South Amherst
Larry Paul Ebbert, Ravenna
Lisa Susan Ede, Findlay

Linda Marie Eiben, Cleveland
Lawrence Oliver Eitzen, Bay Village
LeRoy John Essig, Woodbury, N. Y.
James Frederick Fell, Toledo
Judith Carol Fenton, Kettering
Patrick Walter Flanigan, Dayton
Sondra Carolina Flick, Batavia
Jo Anne Frantz Foley, Springfield
Gary LeVaunt Ford, Steubenville
Jeffrey E. Fromson, Shaker Heights
Thomas Edward Fulton, Fairborn
Lois Eileen Greenberg, Hillside, N. J.
Dana Lee Heacock, Mt. Gilead
Lucinda Joan Heinmiller, Columbus
Rita Marie Heinmiller, Columbus
Norbert Horst Hertl, New Holland
P. Thomas Hizer, Oswego, N. Y.
John Wallace Hoeffler, Mansfield
Frank McGahey Hudson,
Oxon Hill, Md.
Roger Edwin Kephart, Painesville
Marvin James Kinstlinger, Cleveland
Susan Lee Kirsner, Toledo
Richard Allan Knazek,
Cleveland Heights
Judith Louise Koch, Bay Village
Phyllis Miley Koons, Eaton
Michael Lee Krantz, Cuyahoga Falls
Mark Stephen Lally, Columbus
Alan Roy Lang, Cincinnati
Sally Hatten LeCrone, Columbus
Robert Edward Levey, Toledo
James Ronald Ligas, Barberton
Bruce Michl Lloyd, McConnelsville
Daphne Anne Loew, Cincinnati
Michael Gary Long, Dexter City
Donald Ralph Loose, Grove City
Stephen Henninger Lowry, Kettering
Donald Leo Maines, Jr., Columbus
Jon Paul Rogers Martin, Leavittsburg
Kathleen Smith McCann, Heath
Michael Edward McConnell, Gahanna
Elizabeth Jane McGill, Lebanon
Timothy John McGrath, Columbus
James Ross McIlvaine, Dover
John Glenn McWilliams, Galion
Susan Jane Meeth, Parma Heights
Kathleen Alice Mikol, Cleveland
Robert Richard Namay, Millbury
Teodora Ngo, Columbus
Theodore William Nighting, Hamilton
Barbara Ellen Oster, Mansfield
Ronald Joe Palenshus, Bucyrus
Evalyn Conwell Parks, Worthington
Jerry William Parsons, Dayton
William David Paulus, Lyndhurst
Carla Lee Peddicord, Columbus
Suzanne Elizabeth Peer, Dayton
Susan Ellen Pelz, West Richfield
George Patrick Pettit, Picketon
Jerome Phillips, Toledo
Jack Richard Pigman, Jr., Fostoria
James Edward Poff, Findlay

Nick Joseph Rackoff, Youngstown
Carol Hausman Ramaley,
Lake Forest, Ill.

David Kennedy Riley, Celina
John Michael Salimbene, Columbus
Joseph Anthony Samaritoni,
Sandusky

Richard Alvin Sams, Lebanon
Marialice Rose Schmitt, Columbus
Nancy Fern Schneider, Springfield
Donald James Shade, Cleveland
Paul Simon Shaker, Niles
Patricia Ellen Shively, Columbus
Susan Anita Skeldon, West Jefferson
William Westley Somers, Euclid
Joel David Sommers, Cleveland
Timothy Jay Sonnenberg, Holgate
Paul Larry Sprankle, East Canton
Carole Lynne Spring, Columbus
Kathleen Theresa Steiger, Lakewood
Sharon Elizabeth Stell, Twinsburg
Fredric Dale Stevens, North Canton
Dwight Raymond Stickney, Cleveland
Emil Stipanovich, Jr., Youngstown
Rosalie Ann Stiuka, Columbus
Karen Louise Tetirick, Columbus
John Harold Thrush, Worthington
Larry Edwin Trover, Columbus
Lee Irwin Turner, Shaker Heights
Robert Raymond Twohig, Jr.,
Huntington, W. Va.

Fred Franklin Valins,
University Heights
Roger Edwin Walters, Grove City
David Scott Weaver, Toledo
Bradley Gray Wertman,
New Lexington
David Brooks Westwater, Jr.,
Columbus

Leslie Barkas Wettan,
New York, N. Y.
Beverly Ann Whaley, Bucyrus
William Craig Wilkin, Hillsboro
Howard Joseph Williams, Cleveland
Keith David Wilson, Johnstown
Helga Witzmann, New Washington
Frank Chester Woodside, III,
Cincinnati
Sandra Kay Yarnell, Wooster

**Summa Cum Laude and with
Distinction in Geography**
Richard Harvey Underwood,
Columbus

**Summa Cum Laude and with
Distinction in History**
Paula Kaye Benkart, Youngstown

**Summa Cum Laude and with
Distinction in Mathematics**
David Uhl Martin, North Canton

**Summa Cum Laude and with
Distinction in Philosophy**
Nancy Dorothy Weber, Carteret, N. J.

**Cum Laude and with
Distinction in Astronomy**
Daniel Norviel McGrath, Columbus

**Cum Laude and with
Distinction in Greek and
Ancient History**
Patricia Ann Myers, Dayton

**Cum Laude and with
Distinction in History**
Gary William Allen, Columbus
William James Kraus, Cincinnati

**Cum Laude and with
Distinction in Home Economics**
Annette Jackson, Powell

**Cum Laude and with
Distinction in Mathematics**
Bernard Louis Baltz,
Indianapolis, Ind.
Phillip Alan Wisecup, Livonia, Mich.

**Cum Laude and with
Distinction in Microbiology**
Donna Marie Richardson,
Cleveland Heights

**Cum Laude and with
Distinction in Political Science**
Lloyd Warren Siegel, South Euclid

**Cum Laude and with
Distinction in Physics**
Michael Hermann Shaevitz, Columbus

**Cum Laude and with
Distinction in Psychology**
William Chapman Holliday,
Youngstown

**Cum Laude and with
Distinction in Sociology**
Nancy Kay DiTomaso, Canton

**Cum Laude and with
Distinction in Zoology**
Margaret Edwina Barnett,
White Plains, N.Y.

**With Distinction in
Agricultural Economics**
Douglas Lyle Box, Grand Rapids
James David Dean, Geneva
Ronald Arthur Meier, Perrysburg
James Ivan Stitzlein, Ashland
Ronald Ray Wenning, Celina

**With Distinction in
Agricultural Education**
Don Delbert Sharp, Jr., Amanda

With Distinction in Agronomy
William Austin Anderson, Columbus
Kenneth Ray Olson, Jefferson

With Distinction in Animal Science
Roger Norman Hicks,
Canal Winchester

With Distinction in English
Kathleen Margaret Walsh,
Springfield

With Distinction in Geography
John Michael Griffin, Celina

With Distinction in History
David Max Burkons, Shaker Heights
Robert Cooper Leher, Denver, Colo.

With Distinction in Journalism
Katherine Jean Roth,
New Brighton, Pa.

With Distinction in Pharmacy
Stephen Kornel Hetey, Akron

With Distinction in Philosophy
Ransom Everett Slack, Marietta

With Distinction in Sociology
Eugene Calvin Cheatham, III,
Columbus

With Distinction in Theatre
James Francis Brandt, Columbus
Leeann Gatchell, Findlay

With Distinction in Zoology
Bruce Carter, New Plymouth
Gary Alan Roselle, Columbus

Page 648 Blank

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 12, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, June 12, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and John W. Bricker.

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Minutes of the last meeting were approved.

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June 12, 1969 meeting, Board of Trustees

President Fawcett stated that he was on the third week following his second eye operation and that he was unable to focus on the printed word even with his good eye. He requested Dr. Corbally to present the recommendations on his behalf. He indicated that he wanted to express publicly his good fortune at having a great many fine colleagues who kept the work of this institution moving forward during this absence as well as his previous absence. He further stated that from everything he had heard while he could not see it, that all the activities associated with Commencement and the Commencement itself were testimony to their effectiveness. President Fawcett expressed the further hope that by the time the Board convenes again that he would be back in full swing.

Before Dr. Corbally proceeded with the recommendations, Mr. Shocknessy made the following motion:

I hope the Chairman will indulge me in offering a motion of commendation for the excellence of the arrangements which were made by President Fawcett; Dr. John E. Corbally, Provost; Dr. Edward Q. Moulton, Executive Assistant to President Fawcett; and Mr. Robert Smith, Vice President for University Development; and to indicate the pride our Board has in the hospitality and the courtesies which were extended to the Vice President of the United States, and for the fact that not a single untoward incident of any consequence occurred during the Commencement proceedings.

The motion was seconded by Mr. Jones and unanimously adopted.

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

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1969-70 Fiscal Year

Vice President Corbally presented President Fawcett's statement pertaining to the recommended budgets for the 1969-70 fiscal year:

Before submitting to you the formal recommendation concerning University budgets for 1969-70, I want to make a brief statement concerning the major features of these budgets. As the resolution will indicate, we are estimating expenditures during 1969-70 in the amount of \$188,063,338. This amount represents an increase of approximately \$15 million over final estimated expenditures for 1968-69. Slightly over \$3 million of this increase occurs in restricted grants and contracts and in auxiliary enterprises leaving about \$12 million in increases in the general unrestricted budgets. We approached the development of this budget with the recognition that continued inflationary pressures would require fairly sizeable increases in operating expenses. We also recognized that faculty and professional salaries in institutions comparable to Ohio State

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

have been increasing over the past few years at a rate of about 7% per year. In spite of uncertainties concerning appropriations in support of University programs, we also felt it necessary to attempt to continue the development of a limited number of high priority and essential number of new programs and program improvements. Finally, because of the nature of University requirements for annual budget revision as opposed to a state system of biennial appropriations, it is necessary for us to reserve funds in 1969-70 to support increases in 1970-71. Budget calculations have been based upon an estimated enrollment increase of approximately 4% over 1968-69 enrollments.

As a result of our budget deliberations and in keeping with the factors mentioned above, the \$12 million increase will be used almost in its entirety to sustain the current level of effort of this University. Increases in faculty salaries which average approximately 5% and statutory increases in classified personnel account for \$2.6 million of this total. Slightly over \$3 million is the minimal amount needed for the strengthening and improvement of the existing programs as well as for an extremely limited number of new programs in such critical areas as natural resources, computer science and library circulation. In addition, there are a number of built-in increased costs over which we have little or no control in such areas as utilities, equipment and contract services. At the same time we are bringing a number of new facilities on line during this coming year on the main campus as well as opening the west campus. Meeting the costs of enrollment increases being accommodated with these additional facilities will require about \$1.1 million of additional support in the areas of personnel and operating expenses. Changes in retirement contributions will require slightly over \$700,000, while general price increases in operating expenses within the instructional programs will consume another half million dollars. Our carry forward to 1970-71 adds approximately \$1 million with the remaining increases making up the total of \$12 million.

This budget represents a minimum budget to support the continued operation of existing University programs and a limited effort to maintain the momentum in academic development which the University has experienced over the past few years. We have reduced our earlier program requirements in the amount of \$10 million, and it is my opinion that the budget recommendation which I shall now present does represent the necessary expenditures if The Ohio State University is to continue to serve the people of the State of Ohio as their principal state university.

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

With this background of information, Vice President Corbally presented for consideration by the Board of Trustees a continuation budget proposal involving all of the current budgets for the operation of The Ohio State University for the fiscal year 1969-70:

While the Ohio General Assembly has not as yet completed action upon either appropriations legislation for education for the 1969-71 biennium or several bills which might affect pay ranges for Civil Service personnel, the requirements related to the continued operation of the University make it necessary to prepare at this time University expenditure budgets for 1969-70. The following proposals require income from State subsidy in the amount of \$58,858,100 or income from a combination of State subsidy and increased student fees in that amount exclusive of the amount necessary to fund any Civil Service salary increases above those now mandated by existing statutes. An analysis of current legislative proposals before the General Assembly indicates that some increases in student fees may be necessary effective with the Autumn Quarter, 1969.

The expenditure budgets for 1969-70 have been prepared for the second time using the new "program budgeting" procedure. This technique is proving highly successful in bringing the judgment and priorities of all elements of the University into focus. The procedure involves calculating a continuation budget based upon enrollment changes and cost of living factors and then examining needs for new or improved programs. The Current Funds Budget for 1968-69 approved by the Board of Trustees on June 13, 1968, contained expenditure estimates of \$163,112,910. Due to increases in grants and contracts, student fees and State subsidy, the final estimates for 1968-69 now indicate expenditures of \$172,630,225. The budget for 1969-70 as proposed, contains estimated expenditures of \$188,063,338, an increase of 8.9 per cent.

	1968-69 Original Budget	1968-69 Final Estimates	1969-70 Budget
<u>General Budgets</u>			
<u>Personal</u>			
Services	\$ 61,560,258	\$ 63,590,705	\$ 70,474,027
<u>Operating and</u>			
Equipment	15,900,436	17,218,074	19,935,945
Student Services	2,380,000	2,523,000	2,875,000
Fee Waivers	3,390,000	4,059,000	5,353,500
All Other	2,706,395	2,800,057	3,795,911
Total	<u>\$ 85,937,089</u>	<u>\$ 90,190,836</u>	<u>\$102,434,383</u>

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

	1968-69 Original Budget	1968-69 Final Estimates	1969-70 Budget
<u>Branch Campuses</u>	\$ 2,635,273	\$ 2,604,389	\$ 2,970,800
<u>Restricted Budgets</u>			
Endowments	\$ 525,000	\$ 530,000	\$ 550,000
Federal Grants/ Contracts	10,500,000	13,000,000	13,200,000
Ohio Grants/ Contracts	1,050,000	1,260,000	1,300,000
Private Grants/ Contracts	2,300,000	3,700,000	3,550,000
All Other	<u>1,328,548</u>	<u>1,325,000</u>	<u>1,359,000</u>
Total	\$ 15,703,548	\$ 19,815,000	\$ 19,959,000
<u>Rotary and Auxil- iary Budgets</u>			
<u>Cooperative</u>			
Extension	\$ 7,000,000	\$ 7,200,000	\$ 7,540,000
University Hospitals	24,600,000	25,000,000	25,105,825
University Dor- mitories	8,650,000	9,150,000	9,553,330
Intercollegiate Athletics	3,310,000	3,600,000	3,800,000
Departmental Earnings	6,127,000	4,550,000	5,520,000
University Services	2,950,000	3,270,000	3,280,000
All Other	<u>6,200,000</u>	<u>7,250,000</u>	<u>7,900,000</u>
Total	\$ 58,837,000	\$ 60,020,000	\$ 62,699,155
Grand Total	<u>\$163,112,910</u>	<u>\$172,630,225</u>	<u>\$188,063,338</u>

It is recommended that these expenditure budgets and the supporting statements for the foregoing summary figures which have been reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1969-70 with the official records of the University. It is recommended also that final summary statements be prepared for a subsequent meeting of the Board of Trustees reflecting final action by the Ohio General Assembly concerning appropriations and recommending any necessary action by the Board of Trustees concerning student fee increases, since it is not known at this time what restrictions or review procedures concerning student fees may be contained in potential appropriation legislation. Finally, it is

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

recommended that it be the sense of this motion that the Current Funds Budget of \$188, 063, 338 must be funded through a combination of income sources including adjustments in student fees and programs as may be required to achieve the intent of this expenditure plan.

Upon motion of Mr. Safford, seconded by Mr. Jones, the Board of Trustees approved the said budgets for the 1969-70 fiscal year by unanimous roll call vote.

Budget for The Ohio State University Research Foundation for the 1969-70 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1969-70 be approved in an amount not to exceed \$1, 184, 134. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 18, 1969.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, The Ohio State University Research Foundation budget for 1969-70 was approved by unanimous roll call vote.

B. Establishment of the Frank E. and Mary W. Pomerene Professorship in the Prevention and Treatment of Infectious Diseases

At the April 10, 1969 meeting of the Board of Trustees the Mary W. and Frank E. Pomerene Memorial Fund was established with a gift to the University through The Ohio State University Development Fund from the Estate of the late Mary W. Pomerene.

The above-specified fund had \$102, 500. 00 deposited in the University's Investment Portfolio at the time of its establishment and was to be used in the fields of prevention and treatment of infectious diseases. An additional increment from the estate received by the University on April 22, 1969, brings the total received to date to \$124, 518. 70. With this large amount of principal and the accrued interest from such principal, the total will be greater than the \$125, 000. 00 minimum required for an endowed professorship.

Vice President Corbally recommended therefore that the Mary W. and Frank E. Pomerene Memorial Fund be changed to the "Frank E. and Mary W. Pomerene Professorship." This professorship is to support a professor in the prevention and treatment of infectious diseases within the College of Medicine.

Upon motion of Mr. Shocknessy, seconded by Mr. Eckley, the Board of Trustees approved the establishment of the "Frank E. and Mary W. Pomerene Professorship" by unanimous roll call vote.

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Street

Upon the recommendation of the President's Cabinet, it was proposed that the existing Service Building Road be renamed "Millikin Road," to recognize and honor Professor Joseph Millikin, first professor of English and modern language and literature at the University.

This proposal is in accordance with the By-Laws of the Board of Trustees. Vice President Corbally recommended that said proposal be approved.

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

D. Revision of Rule 29.2705 and Addition of a New Rule 29.2729 to Rules for the University Faculty

The Faculty Council on May 13, 1969, approved the revision of an existing rule (Rule 29.2705) and the addition of a new rule (Rule 29.2729) to the Rules for the University Faculty. (See Appendix IX, page 697.) These changes accomplish the following purposes:

1. In Section 1 of Rule 29.2705, provision is made for an additional student member on the Library Council.
2. Rule 29.2729 establishes a Committee on Academic Freedom and Responsibility.

Vice President Corbally recommended therefore that this action of the Faculty Council be approved.

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

E. Establishment of a New Program Leading to the Master of Arts Degree in the History of Art

The Council on Academic Affairs at a meeting on April 16, 1969, approved for transmittal to the Faculty Council a proposal for the establishment of a new program which would lead to the Master of Arts degree with a field of specialization in the History of Art. This proposal was approved by the Faculty Council at a meeting on May 13, 1969, and is to become effective immediately.

This degree program will prepare the student for teaching on the junior college or college level and for entry into a doctoral program.

Vice President Corbally recommended therefore that this action of the Faculty Council be approved.

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

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. 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 Laws--was conferred upon Spiro T. Agnew, Vice President of the United States, at the June 7, 1969 Commencement.

Vice President Corbally recommended that the action of the President be ratified.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the Board of Trustees ratified the said action by unanimous voice vote.

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II. PERSONNEL CHANGES

Vice President Corbally recommended that all personnel changes since the May 8, 1969 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, Promotion, Leaves of Absence Without Salary and Emeritus Titles:

A. Appointments

Samuel Chang-ling Chu, Professor, Department of History, effective October 1, 1969, at a salary of \$18,168.00 per annum.

Donald R. Cruickshank, Professor, College of Education, effective October 1, 1969, at a salary of \$20,088.00 per annum.

Alfred R. Ferguson, Professor, Department of English, effective October 1, 1969, at a salary of \$22,248.00 per annum.

P. John Kozyris, Professor, College of Law, effective October 1, 1969, at a salary of \$19,848.00 per annum.

T'ien-yi Li, Mershon Professor, Division of East Asian Languages and Literatures, effective October 1, 1969, at a salary of \$22,608.00 per annum.

Carl L. Marshall, Professor, Lima Campus, effective October 1, 1969, at a salary of \$16,008.00 per annum.

Earl Finbar Murphy, Professor, College of Law, effective October 1, 1969, at a salary of \$24,048.00 per annum.

June 12, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Morgan Shipman, Professor, College of Law, effective October 1, 1969, at a salary of \$22,248.00 per annum.

H. Yuan Tien, Professor, Department of Sociology, effective October 1, 1969, at a salary of \$18,048.00 per annum.

R. Wayne Walker, Professor, College of Law, effective July 1, 1969, at a salary of \$21,684.00 per annum.

B. Promotion

Colin B. B. Bull from Professor in the Department of Geology to Professor in and Chairman of the Department of Geology, effective August 1, 1969, at a salary of \$24,528.00 per annum.

C. Leaves of Absence Without Salary

Luvern L. Cunningham, Dean and Professor, College of Education, effective September 1, 1969 through June 30, 1970, to accept an invitation to participate in the program of the Center for Advanced Study in the Behavioral Sciences, Palo Alto, California.

Leonard D. Bayer, Professor, Department of Agronomy, effective June 20, 1969 through July 20, 1969, to study agricultural practices in Indonesia.

Jacob W. Old, Jr., Associate Professor, Department of Pathology, effective June 1, 1969 through June 30, 1969, for personal reasons.

John W. Oren, Jr., Instructor (County Extension Agent, Agriculture) Ashtabula County, Cooperative Extension Service, effective June 16, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Frank E. Wilson, Professor Emeritus, School of Architecture, effective July 1, 1969.

Charles H. Benner, Associate Professor Emeritus, College of Education, effective July 1, 1969.

June 12, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Margaret C. Tyler, Assistant Professor Emeritus,
College of Education, effective July 1, 1969.

Upon motion of Mr. Safford, seconded by Mr. Gibbs, the Appointments, Promotion, Leaves of Absence Without Salary, Emeritus Titles, Promotions in Rank and the personnel budget actions as recorded in the official "1969-1970 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

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 Corbally 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

- a1. 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 National Institutes of Health Project No. 2049 - Sup. #6 - Department of Veterinary Pathology).
Gross Value - \$1,970.00.
- a2. Department of Health, Education and Welfare, Office of Education, Washington, D. C., ERIC Information Analysis Center for Science Education (to be known as Office of Education Project No. 2228 - Mod. #3 - College of Education - Science and Mathematics Education).
Gross Value - \$159,910.00.
- a3. U. S. Air Force, Rome Air Development Center, Procurement Division, Griffiss Air Force Base, New York, Analysis of Sandwich Materials (to be known as Rome Air Development Center Project No. 2602 - Mod. #1 - Department of Mechanical Engineering).
Gross Value - \$7,420.00.

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)

- a4. George C. Marshall Space Flight Center, National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama, Preparation of Pigments for Space-Stable Thermal Control Coatings (to be known as National Aeronautics and Space Administration Project No. 2633 - Amend. #1 - Department of Ceramic Engineering). Gross Value - \$20,970.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, Durham, North Carolina, Development and Presentation of Course Entitled "Contract Orientation for Project Officers" (to be known as National Air Pollution Control Administration Project No. 2778 - Sup. #1 - College of Administrative Science - Division of Continuing Education). Gross Value - \$652.00.
- a6. Headquarters, U. S. Army Aviation Materiel Laboratories, Fort Eustis, Virginia, Preliminary Study of Helicopter Rotor Boundary Layers (to be known as U. S. Army Aviation Materiel Laboratories Project No. 2802 - New - Department of Mechanical Engineering). Gross Value - \$68,449.00.
- a7. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research and Development in the Field of Aerospace Environmental Stresses (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2803 - New - Department of Preventive Medicine). Gross Value - \$22,330.00.
- a8. Department of the Army, Picatinny Arsenal, Dover, New Jersey, Develop Mathematical Models of Antennas (to be known as Picatinny Arsenal Project No. 2805 - New - Department of Electrical Engineering). Gross Value - \$39,931.00.
- a9. U. S. Atomic Energy Commission, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as U. S. Atomic Energy Commission Project No. 2818 - New - Department of Metallurgical Engineering). Gross Value - \$34,043.00.

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)

- a10. Aeronautical Systems Division, Department of the Air Force, Wright-Patterson Air Force Base, Ohio, Research on the Effects of Multi-Task Time Sharing Requirements on Crew Performance (to be known as Aeronautical Systems Division Project No. 2821 - New - Department of Psychology).
Gross Value - \$69,000.00.
- a11. Office of Naval Research, Procuring Contracting Officer, Department of the Navy, Washington, D. C., Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Office of Naval Research Project No. 2822 - New - Department of Physiology).
Gross Value - \$27,470.00.
- a12. Procurement Division, Aberdeen Proving Ground, Maryland, Analysis and Monitoring of a Fast Reactor Core Coupled with Experimental Apparatus (to be known as Aberdeen Proving Ground Project No. 2823 - New - Department of Mechanical Engineering).
Gross Value - \$7,896.00.

TOTAL - Government Research Contracts - Federal \$460,041.00

2. Industrial and Other Research Contracts

- a1. American Iron and Steel Institute, New York, New York, Atomic Interactions in Molten Iron Alloys (to be known as American Iron and Steel Institute Project No. 2808 - New - Department of Metallurgical Engineering).
Gross Value - \$26,244.00.
- a2. Industrial Sponsor, Oral Bacterial Enumeration (to be known as Industrial Project No. 2824 - New - College of Dentistry).
Gross Value - \$15,019.00.

TOTAL - Industrial and Other Research Contracts \$41,263.00

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as National Institutes of Health Project No. 782-1 - Ext. #9 - College of Biological Sciences - Biophysics).
Gross Value - \$18,221.00.

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)

- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893-J - Ext. #10 - Department of Anatomy).
Gross Value - \$24,778.00.
- a3. Department of Health, Education and Welfare, Public Health Service, Industrial Health, Bureau of Disease Prevention and Environmental Control, Washington, D. C., Significance of Spore-Forming Microorganisms in Milk (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1046-I - Ext. #9 - Department of Dairy Technology).
Gross Value - \$26,446.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as National Institutes of Health Project No. 1100-G - Sup. #3 - Department of Surgery).
Gross Value - \$2,397.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-2H - Sup. #1 - Department of Medicine).
Gross Value - \$1,758.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-3H - Sup. #1 - Department of Medicine).
Gross Value - \$49,433.00.
- a7. Department of Health, Education and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, Milk Protein Changes at Elevated Temperature (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1264-H - Ext. #8 - Department of Dairy Technology).
Gross Value - \$23,192.00.

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)

- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409-G - Sup. #1 - Department of Physiology).
Gross Value - \$2,313.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451-G - Ext. #7 - Department of Pharmacology).
Gross Value - \$25,654.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967-D - Ext. #4 - College of Pharmacy).
Gross Value - \$34,156.00.
- a11. 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 National Institutes of Health Project No. 2069-D - Ext. #4 - Department of Medicine).
Gross Value - \$27,192.00.
- a12. National Science Foundation, Washington, D. C., Computer and Information Science Research Center (to be known as National Science Foundation Project No. 2218 - Amend. #2 - Department of Computer and Information Science).
Gross Value - \$365,700.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-B - Sup. #1 - Department of Physiology).
Gross Value - \$1,216.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 4N77 Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393-B - Ext. #2 - Department of Chemistry).
Gross Value - \$22,486.00.

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)

- a15. National Science Foundation, Washington, D. C., Geochronology of the Transantarctic Mountains (to be known as National Science Foundation Project No. 2411 - Sup. #1 - Institute of Polar Studies). Gross Value - \$15,500.00.
- a16. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research Development, Arlington, Virginia, Self-Medication and Community Health (to be known as National Center for Health Services Research Development Project No. 2448-B - Ext. #2 - College of Pharmacy). Gross Value - \$20,398.00.
- a17. National Science Foundation, Washington, D. C., Boron Heterocycles and Derivatives (to be known as National Science Foundation Project No. 2497 - Sup. #1 - Department of Chemistry). Gross Value - \$32,000.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-A - Sup. #1 - College of Pharmacy). Gross Value - \$300.00.
- a19. 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 National Institutes of Health Project No. 2625-A - Ext. #1 - College of Dentistry). Gross Value - \$26,317.00.
- a20. 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 National Institutes of Health Project No. 2664-A - Ext. #1 - Department of Medical Microbiology). Gross Value - \$26,684.00.
- a21. U. S. Office of Education, Washington, D. C., Response Class in Learning and Memory (to be known as U. S. Office of Education Project No. 2804 - New - Department of Psychology). Gross Value - \$18,044.00.

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)

- a22. National Science Foundation, Washington, D. C., Stagnant Glacier Features, Burroughs Glacier, Alaska (to be known as National Science Foundation Project No. 2809 - New - Institute of Polar Studies).
Gross Value - \$23,700.00.
- a23. National Aeronautics and Space Administration, Washington, D. C., Investigation Into Some of the Problems of Lunar Orbiter Photography System (to be known as National Aeronautics and Space Administration Project No. 2810 - New - Department of Geodetic Science).
Gross Value - \$29,152.00.
- a24. 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 National Institutes of Health Project No. 2811 - New - Department of Chemistry).
Gross Value - \$19,005.00.
- a25. National Science Foundation, Washington, D. C., Economic Growth in a Multi-Regional Setting (to be known as National Science Foundation Project No. 2812 - New - Department of Geography).
Gross Value - \$44,900.00.
- a26. National Science Foundation, Washington, D. C., Liquid He³ - He⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2813 - New - Department of Physics).
Gross Value - \$82,900.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Neuropharmacology of Pituitary ACTH Regulation (to be known as National Institutes of Health Project No. 2814 - New - Department of Pharmacology).
Gross Value - \$17,148.00.
- a28. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as National Institutes of Health Project No. 2815 - New - Department of Physiological Chemistry).
Gross Value - \$24,846.00.

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)

- a29. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Autonomic Receptors in Isolated Iris Muscles (to be known as National Institutes of Health Project No. 2817 - New - College of Pharmacy). Gross Value - \$15,410.00.

TOTAL - Government Research Grants - Federal \$1,021,246.00

4. Industrial and Other Research Grants

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C612118 - Department of Surgery). Gross Value - \$658.40.
- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338-B - Sponsor Letter Dated April 15, 1969 - Department of English). Gross Value \$6,000.00.
- a3. American Heart Association, Inc., New York, New York, Integrated Study of the Coronary System in Intact Dogs (to be known as American Heart Association, Inc., Project No. 2422-B - Ext. #2 - Department of Physiology). Gross Value - \$12,485.00.
- a4. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as American Heart Association, Inc., Project No. 2650-A - Ext. #1 - Department of Physiological Chemistry). Gross Value - \$13,200.00.
- a5. United Health Foundation, Inc., New York, New York, Effects of Freeze Storage Upon Skin and Renal Tissue (to be known as United Health Foundation, Inc., Project No. 2807 - New - Department of Surgery). Gross Value - \$10,151.00.
- a6. New York Cancer Research Institute, Inc., New York, New York, Host Response in Wilms' Tumor (to be known as New York Cancer Research Institute, Inc., Project No. 2816 - New - Department of Pediatrics). Gross Value - \$15,000.00.

TOTAL - Industrial and Other Research Grants \$51,494.40

June 12, 1969 meeting, Board of Trustees

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

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

The foregoing forty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$1,580,044.00.

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 voice vote.

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

During the period from April 17, 1969 through May 20, 1969, 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

SC 81	OCD Architects and Engineers Professional Development Courses, Fall and Winter 1969-70, National Society of Professional Engineers, Washington, D. C. Gross Value - \$4,875.00.
EES 288X Ext. #3	A Study of V-Belts, Dayco Corporation, Springfield, Missouri. Gross Value - \$7,584.00.
EES 310X Ext. #2	Weldability of Timken High Strength Steels, Timken Roller Bearing Company, Canton, Ohio. Gross Value - \$2,400.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$14,859.00.

C. Agreements Between the Division of Special Education -
Ohio Department of Education and The Ohio State University

Vice President Corbally recommended that the agreements between The Ohio State University and the Division of Special Education - Ohio Department of Education, be approved for the fiscal year 1969-70, to provide the services of two members of the faculty of the College of Education, on a part-time basis, for classroom and in-service training for teacher education in the area of Child Study Services.

June 12, 1969 meeting, Board of Trustees

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

C. Agreements Between the Division of Special Education -
Ohio Department of Education and The Ohio State University (continued)

It was recommended further that the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 8, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$609,098.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for Educational Opportunity Grants, for the period July 1, 1969 through June 30, 1970. (Transaction No. 04084499)
2. \$455,982.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period July 1, 1969 through December 31, 1969. (Transaction/Award No. 05198461)
3. \$164,056.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the School of Allied Medical Professions, for the period April 15, 1969 through April 14, 1970. (Grant No. AHI-69-606)
4. \$149,288.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Development of Performance Goals for a New Office and Business Education Learnings System," under the direction of the Center for Vocational and Technical Education. This project extends through December 31, 1969. (Grant No. OEG-0-8-080414-3733)
5. \$100,073.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 NB05397-07)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

6. \$72,963.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Biomedical Sciences Support Grant," under the direction of the Office of Research, for the period June 1, 1969 through May 31, 1970. (Grant No. 5 S05 FR07074-04)
7. \$71,078.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 MH05061-23)
8. \$69,933.00 granted 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 November 1, 1968 through June 30, 1969. (Grant No. OEG-3-7-000158-2037)
9. \$66,571.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology - Training Grant," under the direction of the College of Biological Sciences - Entomology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 AI00216-09)
10. \$66,000.00 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, 1969 through June 30, 1970. (Grant No. 5 T02 DH 05044-08)
11. \$59,830.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Advanced Preparation for Trainers of Prospective French Teachers," under the direction of the College of Education. This project extends through September 30, 1969. (Grant No. OEG-0-9-450633-2225)
12. \$58,893.00 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, 1969 through June 30, 1970. (Grant No. 5 T12 HE05786-03)
13. \$48,614.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 NB05461-05)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$47,511.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 AM05403-07)
15. \$44,447.00 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, 1969 through June 30, 1970. (Grant No. 2 T12 CA08110-04)
16. \$42,924.00 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, 1969 through June 30, 1970. (Grant No. 1 T01 HE05843-01A1)
17. \$41,983.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 MH06530-13)
18. \$36,404.00 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, 1969 through June 30, 1970. (Grant No. 2 T01 MH08526-06)
19. \$34,813.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Child Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH11296-02)
20. \$23,605.00 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, 1969 through June 30, 1970. (Grant No. 5 K03 DE34363-03)
21. \$23,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Training Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1969 through June 30, 1970. (Grant No. SP-22A-69)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

22. \$21,877.00 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, 1969 through June 30, 1970. (Grant No. 2 K03 HE11929-06)
23. \$21,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Evaluation Training Institute," under the direction of the College of Education, for the period May 6, 1969 through August 31, 1969. (Grant No. OEG-0-9-454849-4077-725)
24. \$17,014.00 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 Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH10778-03)
25. \$14,784.00 granted by State Library Board, Columbus, Ohio, to the University to act as coordinating agency in the formation of the Art Research Libraries of Ohio, for the period May 15, 1969 through May 15, 1970.

TOTAL - Administered Through the Office of Business and Finance -
\$2,361,925.00

B. Received Through The Ohio State University Development Fund

1. \$22,018.70 from the Estate of Mary W. Pomerene, Coshocton, Ohio, for the Mary W. and Frank E. Pomerene Memorial Fund in the College of Medicine.
2. \$20,750.00 from Ross Laboratories, Columbus, Ohio--\$11,400.00 for the Ross Laboratories Graduate Research Fund and \$9,350.00 for the Ross Laboratories Graduate Research Fund in Dairy Foods Microbiology.
3. \$20,000.00 from the Council on Industrial Relations for the Electrical Contracting Industry, Washington, D. C., for the Industrial Technology Scholarship Fund in the College of Engineering.
4. \$15,000.00 from the Estate of Harry E. Williams, Mech. Engr. '02, for the establishment of the Harry E. Williams Fund.

Harry E. Williams Fund

The Harry E. Williams Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Harry E. Williams, Mech. Engr. '02, formerly of Columbus, Ohio.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. Harry E. Williams Fund (continued)

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

The annual income is to be used by the University upon the recommendation of The Ohio State University Development Fund Board of Directors.

5. \$11,867.53 from Charles W. Atkinson, New Cumberland, West Virginia, for the Samuel B. McCulloch Memorial Fund.
6. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in Medicine.
7. \$8,000.00 from The Procter & Gamble Company, Cincinnati, Ohio, for the Procter & Gamble Graduate Research Fund in the Department of Dairy Technology.
8. \$7,241.00 from the National Fund for Medical Education, New York, New York, for the National Fund for Medical Education in the College of Medicine.
9. \$6,000.00 from the Anderson Foundation, Maumee, Ohio, for the Anderson Foundation Research Fund in the College of Medicine.
10. \$6,000.00 from The National Cash Register Company, Dayton, Ohio, for Marketing Managers Computer Technology Research Fund in the College of Administrative Science - Marketing.
11. \$5,580.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$5,400.00 from the Kaiser Aluminum & Chemical Corporation, Newark, Ohio--\$4,400.00 for the Kaiser Aluminum & Chemical Corporation Fellowship and Scholarship Fund in the Department of Mechanical Engineering and \$1,000.00 for the Kaiser Aluminum & Chemical Corporation Scholarship Fund in the Department of Metallurgical Engineering.
13. \$3,500.00 from The Babcock & Wilcox Company, New York, New York, to be used within the areas of engineering and technical education in the College of Engineering.
14. \$3,104.65 from Dr. Samuel A. Marable for the General Surgery Fund in the College of Medicine.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$3,000.00 from the Alcoa Foundation for the Alcoa Foundation Scholarship Fund.
16. \$3,000.00 from the American Cyanamid Company, Wayne, New Jersey, for the American Cyanamid Faculty Fund for Chemical Engineering.
17. \$2,750.00 from The Link Foundation for the Link Foundation Fund for the Department of Aviation.
18. \$2,500.00 from the Ohio Medical Indemnity, Inc., Columbus, Ohio, for the Ohio Medical Indemnity, Inc., Fund in the College of Medicine.
19. \$2,168.84 from Antique Show Receipts (In the name of Jay L. Failer)-- \$1,500.00 for the Men's Glee Club Fund and \$668.84 for the Presidents Club Special Fund.
20. \$2,000.00 from Arthur Andersen & Company, Chicago, Illinois, for the Arthur Andersen & Company Student Aid Fund in the College of Administrative Science - Accounting.
21. \$2,000.00 from Robert F. Taylor for the Center for Tomorrow Fund.
22. \$1,408.64 from Dr. Edwin Sharp Burdell, Maitland, Florida, for the establishment of the Edwin Sharp Burdell Memorial Fund.

Edwin Sharp Burdell Memorial Fund

The Edwin Sharp Burdell Memorial Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Edwin Sharp Burdell, M.A. '29, Ph.D. '34, LL.D. Hon. '54, Maitland, Florida.

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 encourage and recognize outstanding scholarship in the graduating classes in the School of Social Work, through a cash prize or through the purchase of a book or other items that would provide appropriate recognition.

Should the need for these awards cease to exist or so diminish as to provide unused income, or should the School of Social Work 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 field of social work.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$1,000.00 from Dr. Rudolph Edse for the Presidents Club Special Fund.
24. \$1,000.00 from Garwick & Sons, Inc., (In the name of J. Parker Garwick), for the J. Parker Garwick Fund.
25. \$1,000.00 from the United Engineering Trustees, Inc., New York, New York, for the Warping/Torsion Research Fund in the Department of Civil Engineering.

TOTAL - Received Through The Ohio State University Development Fund -
\$166,351.86

C. Gifts-in-Kind

1. A music collection from the American Broadcasting Company for the School of Music Library.
2. Four antique Japanese ivory sculptures from Mr. and Mrs. Christian E. Burckel, Bronxville, New York, for the Division of East Asian Languages and Literatures.

D. Establishment of New Fund from Previously Reported Gift

Dorothy H. and David J. Rosenstiel Memorial Fund

The Dorothy H. and David J. Rosenstiel Memorial Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Dorothy H. and Lewis Rosenstiel Foundation, New York, New York.

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 and/or principal is to be used for support of research in the College of Medicine, under the direction of the Dean of the College.

Should the College of Medicine cease to exist through any reorganization of the University, then the income and/or principal is to be used by the Board of Trustees for medical research, upon the recommendation of the appropriate administrative official of the University who is then directly responsible for medical education.

Upon motion of Mr. Shocknessy, 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.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In April, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1, 876	\$ 60, 337. 23
Individuals other than alumni	156	34, 425. 24
Nonprofit organizations	32	66, 146. 52
Business concerns	31	94, 905. 46
	<u>2, 095</u>	<u>\$255, 814. 45</u>

Of these gifts, 1, 347 totaling \$12, 840. 00 were undesignated and 748 totaling \$242, 974. 45 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Lima Campus - Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$845, 854. 00	\$844, 406. 24	(\$1, 447. 76)

B. Laundry, Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$536, 340. 00	\$533, 186. 76	(\$3, 153. 24)

C. Van de Graaff Laboratory Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 94, 341. 00	\$ 96, 442. 00	\$2, 101. 00

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, 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 approved by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, Vice President Corbally 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. Computer Facility Expansion, College of Medicine

This project will be located in the area between the southeast and southwest wings of Starling-Loving Hall and will provide an expanded area into which the computer facility can be relocated from the present location in University Hospital.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801196 (Starling-Loving Computer Facility).

B. Laboratory Animal Facility, Off-Site Utilities

This project will provide sanitary sewer and domestic water services to the Laboratory Animal Facility.

Funds for this project have been provided from Budget Account 179997 (University Treasurer Research), Budget Account 179999 (University Treasurer General Fund), Budget Account 226396 (Mershon Unrestricted), Budget Account 809998 (Hospital), Budget Account 149993 (Plant Funds Reserve) and a Public Health Service Grant.

C. Research Center - Alterations to Area 200

This project provides for the conversion of space to house the Program Development Assistance Division and the Administrative Service Division of the Research Foundation.

Funds for this project have been provided from Research Project No. 920 (Special Reserve Facilities Account - Research Foundation).

D. Newark Campus - Parking Lot Surfacing

This project provides for a high level pavement adequate for a heavy concentration of traffic and traffic control curbs and lines.

Funds for this project have been provided by a transfer from Budget Account 149994 (Branch Campuses Reserve) to Budget Account 801204 (Newark Parking Lot Repair).

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

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June 12, 1969 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. Lighting Improvements - 12th and 19th Avenues

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 5-16-69)		
Jess Howard Electric Co. (Columbus)	\$ 34,991.00	\$ 40,000.00

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

B. Garage and Laundry Building, Alteration of South Portion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(11 bids received 5-15-69)		
Henry A. Justus (Columbus)		
Base Bid	\$ 77,933.00	\$ 83,000.00
Alt. G-3 Exterior Painting	850.00	1,500.00
Alt. G-4 Install Ballet Barres and Brackets	1,250.00	750.00
Total Contract	<u>\$ 80,033.00</u>	<u>\$ 85,250.00</u>

<u>Plumbing Contract</u>		
(8 bids received 5-15-69)		
Clar-Mar Corporation (Columbus)		
Base Bid	<u>\$ 11,518.00</u>	<u>\$ 14,000.00</u>

<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 5-23-69)		
Clar-Mar Corporation (Columbus)		
Base Bid	<u>\$ 53,543.00</u>	<u>\$ 57,000.00</u>

<u>Electrical Contract</u>		
(3 bids received 5-23-69)		
Armstrong Electric Co. (Columbus)		
Base Bid	<u>\$ 28,583.00</u>	<u>\$ 31,000.00</u>

<u>Total All Contracts</u>	<u>\$ 173,677.00</u>	<u>\$ 187,250.00</u>
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Funds for this project have been provided by a transfer from Budget Account 149999 (General Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. School of Allied Medical Professions

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 5-20-69)		
Knowlton Construction Co. (Columbus)		
Base Bid	\$1,816,000.00	\$1,993,000.00
Alt. G-2 Prefinished Doors - Permaguard	4,400.00	1,420.00
Alt. G-3 Sterilizers & Equipment	16,500.00	20,500.00
Alt. G-4 Perimeter Tracks-Studios	3,200.00	3,390.00
Alt. G-5 Furniture Wall Supports on Masonry and Concrete Walls	1,800.00	1,525.00
Alt. G-6 Suspended Pipe Supports for TV Lights Room 136	500.00	500.00
Total Contract	<u>\$1,842,400.00</u>	<u>\$2,020,335.00</u>
 <u>Plumbing Contract</u>		
(8 bids received 5-20-69)		
Limbach Company (Columbus)		
Base Bid	<u>\$ 281,700.00</u>	<u>\$ 250,000.00</u>
 <u>Heating, Ventilating and Air Conditioning Contract</u>		
(4 bids received 5-20-69)		
Limbach Company (Columbus)		
Base Bid	\$ 658,600.00	\$ 655,000.00
Alt. H-3 Substitute Built-up Heating and A/C Unit	(8,000.00)	No change
Alt. H-4 Automatic Temperature Control Selection and Trans- mission System	37,000.00	30,000.00
Total Contract	<u>\$ 687,600.00</u>	<u>\$ 685,000.00</u>
 <u>Electrical Contract</u>		
(3 bids received 5-20-69)		
States Electric (Columbus)		
Base Bid	\$ 435,300.00	\$ 402,000.00
Alt. E-5 Additional Outlets in Lecture Hall Room 136	930.00	1,500.00
Alt. E-6 Sound System Equipment in Lecture Hall Room 136	4,700.00	2,500.00
Total Contract	<u>\$ 440,930.00</u>	<u>\$ 406,000.00</u>
 <u>Total All Contracts</u>	 <u>\$3,252,630.00</u>	 <u>\$3,361,335.00</u>

Funds for this project have been provided from Item 315-062, H. B. 886, a Public Health Service Grant and a Title I Grant (HEW).

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Telephone Exchange - Expansion of Service

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-69)		
The Fishel Company (Columbus)	\$ 78,100.00	\$ 85,000.00

Funds for this project have been provided by a transfer from Budget Account 124358 (Contract Repair) to Budget Account 801201 (South Dorms - Telephone Ducts).

E. Elevator Modernization

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-27-69)		
Waller & Lund, Inc. (Columbus)	\$ 79,960.00	\$ 95,000.00

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

F. Starling-Loving Hall, Renovation of 4th Floor "B" Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 5-27-69)		
Ed Ross Construction Co. (Westerville, Ohio)	\$ 17,312.00	\$ 18,500.00

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801199 (Starling-Loving, 4th Floor).

G. McPherson Chemical Laboratory - Library Renovation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 6-5-69)		
A. L. Meyer Construction Co. (Columbus)	\$ 12,800.00	\$ 14,500.00
<u>Electrical Contract</u> (3 bids received 5-28-69)		
CTH Electric Company (Columbus)	4,570.00	5,922.00

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

G. McPherson Chemical Laboratory - Library Renovation (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 5-28-69)		
Farber Corporation (Columbus)	\$ 25,969.00	\$ 29,671.00
<u>Total All Contracts</u>	<u>\$ 43,339.00</u>	<u>\$ 50,093.00</u>

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801177 (McPherson Lab Remodeling).

Upon motion of Mr. Jones, 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 APPROVAL

Each numbered request shown below accomplishes the following purpose:

No. 13 Approves the acquisition of the property commonly known as 2429 Wood Avenue.

* * *

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Joint Use Agreement - Argyll Road - American Chemical Society

WHEREAS, The American Chemical Society has requested a joint use agreement with The Ohio State University for the use of Argyll Road to permit the construction of a divided four-lane highway for ingress and egress to the University's Center for Tomorrow and the American Chemical Society from the Olentangy River Road,

THEREFORE BE IT RESOLVED, that a joint use agreement be entered into between The Ohio State University and the American Chemical Society to provide ingress and egress by completing construction of a four-lane roadway on lands owned partly by The Ohio State University, the American Chemical Society, and a small portion being Argyll Road, a dedicated city street; and

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

A. Joint Use Agreement - Argyll Road - American Chemical Society (continued)

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized to sign on behalf of the University the joint use agreement to provide for the traffic flow and control to the Center for Tomorrow and the American Chemical Society.

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

B. Purchase of Buildings and Property, 852 West Lane Avenue

On the recommendation of the Finance and Investment Committee, the Vice President for Business and Finance has negotiated for the purchase of the following property from Lowell E. Ripley and Floa M. Ripley at a price of \$35,000.00:

Property known as 852 West Lane Avenue being Lots Nos. 3 and 4, Second Wood-Brown County Addition, Township of Clinton, County of Franklin, State of Ohio.

Funds are available in the Investment Portfolio for this purchase, and Vice President Corbally recommended that the action of the Vice President for Business and Finance be ratified and the purchase completed.

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

C. Primary Electric Line Relocation - Employment of Engineers

Vice President Corbally recommended that the engineering firm of Drake & Ford be employed to provide professional engineering services for the preparation of contract drawings and specifications for the subject job. These specifications will cover the contract to provide raceways for two 13.2 KV power cables from the power company to supply to the central campus switchgear on the OSU campus. This work is necessary because of the Olentangy Freeway construction project.

The fee for this service is not to exceed \$4,000.00 and funds are available in Budget Account 921400 (Physical Plant Labor and Materials).

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

June 12, 1969 meeting, Board of Trustees

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

D. Insurance Coverage - Student Insurance Program

In accordance with the Board action taken involving Student Health Insurance on September 3, 1957; April 11, 1958; and February 10, 1966, Vice President Corbally recommended that the student group insurance fees be revised as follows, effective Autumn Quarter, 1969:

	<u>Proposed Rate</u>	<u>Present Rate</u>
Student (full program)	\$12	\$ 8
Student and Spouse	22	22
Student, Spouse, Children	38	38

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

* * *

X. RESOLUTIONS IN MEMORIAM

Vice President Corbally reported to the Board the deaths of Paul Bucher, Professor Emeritus in the Department of Mechanical Engineering; Wendell Allen Butcher, Clinical Assistant Professor in the Department of Psychiatry; Emerson Edward Kimberly, Professor Emeritus in the Department of Electrical Engineering; N. Gilbert Riddle, Associate Professor Emeritus in the College of Administrative Science - Finance; Herschel W. Nisonger, Professor Emeritus in the College of Education; and John Sanford Richardson, Professor 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. Paul Bucher

The Board of Trustees of The Ohio State University expresses its sorrow at the death May 6, 1969, of Paul Bucher, Professor Emeritus in the Department of Mechanical Engineering.

Professor Bucher was born in East Liverpool, Ohio, on August 30, 1891. He was graduated from East Liverpool High School in 1909 and was an operating engineer for the Railway Traction and Light Company there for five years before entering The Ohio State University. He was graduated from the University in 1918 with the degree, Bachelor of Mechanical Engineering. He also received the Degree of Mechanical Engineer from the University in 1932. He became an instructor in Mechanical Engineering in 1918 and continued his teaching for forty-two years, retiring in 1960 with the rank of Professor which he received in 1934. During this time he also spent most of his summers working in industry to maintain his perspective so that his teaching would be up to date. After retirement he was employed as engineering consultant to the Ohio Board of Building Standards, specializing in boilers, unfired pressure vessels and pressure piping, which

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Paul Bucher (continued)

position he held until his death. In the early years of his teaching career he carried out considerable research in flow measurement but in the early 1930's he became interested in the safety of boilers and pressure vessels and spent much time on research on safety valves and other safety devices for industry.

Professor Bucher's work before entering the University created an interest in power generation which continued for the rest of his life. He was a dedicated teacher, willing to spend many hours in explaining the theory and practice of power plant engineering to his students so that many of them report that this interest greatly influenced their careers. He was unsparing of himself if he thought he could help any student and will be remembered by many for his unselfishness. He was responsible for the supervision of the Mechanical Engineering Laboratory at the University for more than twenty years and did much to develop it as one of the outstanding laboratories in the United States at the time of his retirement.

Professor Bucher had spent the early years of his teaching career conducting research on flow measurement, being for a short time a member of the American Society of Mechanical Engineers Research Committee on Fluid Meters. His interest in power plants soon lead to a special study of their safety problems and he worked for many years in the field of safety valve testing and design, becoming the outstanding authority in this field in the United States. He was a member of the ASME Boiler Code Committee on Safety Valves and wrote most of the rules concerning them which are now law in practically all of the United States and Canada. He continued this interest after retirement. His position with the Ohio Board of Building Standards required accepting responsibility for the safety of all pressure vessels and piping in the State. The rules which he wrote and which became a part of State rules will be followed for many years. He became interested in the problems of air pollution when it became apparent that this was a problem of the health of the people and as a member of the City of Columbus Smoke Commission helped write the ordinance for smoke abatement in Columbus and was a member of the appeals board of this commission for almost twenty years.

Professor Bucher was a Fellow of the American Society of Mechanical Engineers, an honorary member of the National Association of Power Engineers and a member of the American Society for Engineering Education.

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

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Wendell Allen Butcher

The Board of Trustees expresses its sorrow at the death on April 26, 1969, of Wendell Allen Butcher, M.D., Clinical Assistant Professor in the Department of Psychiatry.

Dr. Butcher was born in Murray City, Ohio, graduated from Ohio Wesleyan University and received his Doctor of Medicine degree in 1939 from The Ohio State University. He interned at Grant Hospital in Columbus, Ohio, 1939-1940, and served a residency in psychiatry at the Naval Hospital in Bethesda, Maryland. He was later stationed at the Naval Hospital in Oak Knoll, California, until 1952 when he became Chief of the Psychiatric and Neurologic Unit at the U. S. Marine Corps Depot in Paris Island, South Carolina. He left there to become the Superintendent of the Columbus State School in 1954, serving in that responsible position until 1958. He was an Assistant Commissioner of Mental Hygiene in the State of Ohio from 1958 to 1959. He first began teaching medical students and residents in the Department of Psychiatry at The Ohio State University in 1956. He conducted an active private practice and was active in medical affairs, serving as Chairman of the Committee on Mental Health of the Ohio State Medical Association. He was also a committee member of the American Medical Association Disaster Committee.

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 College of Medicine and 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. Emerson Edward Kimberly

The Board of Trustees expresses its sorrow at the death on May 6, 1969, of Emerson Edward Kimberly, Professor Emeritus in the Department of Electrical Engineering.

Professor Kimberly was born in Circleville, Ohio, on October 17, 1895. He received his B. E. E. degree in 1921 and his M. Sc. degree in 1929, both from The Ohio State University. After receiving his bachelor's degree he was employed as a designer for one year by the General Electric Company and for two years by the Westinghouse Electric and Manufacturing Company as a sales engineer. He then returned to the University as an Instructor and was an active teacher until his retirement in 1960 as a Professor.

During his years on the faculty, he specialized in the teaching of electrical power courses and the electrical engineering courses for students in other engineering departments. For these latter courses, he wrote a textbook published by the International Textbook Company. Just as he was meticulous in his own work, he expected careful work from his students. Many alumni, who as students considered him a harsh taskmaster, have later thanked him for the habits of accuracy he developed in them. For almost thirty years, he was the department representative for engineering employment placement.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Emerson Edward Kimberly (continued)

Another aspect of his professional career was his long and successful consulting practice. A few examples will illustrate the breadth of his work. He redesigned the electrical distribution system of the City of Westerville in 1925 and again in 1950. He designed and supervised the installation of the electric distribution system for Don Scott Airport in 1948 and was responsible for the redesign and layout of a pumping station for the City of Columbus, Division of Water, in 1951. He was also a prolific inventor. His contributions include machinery for the manufacture of steel wool products, the electric controls for the first operable pinsetter for bowling alleys, controls for oil well drilling bits and systems for standardizing the density of granular detergents. He also developed a strong interest in engineering aspects of law and participated in many cases as an expert witness.

Following his retirement from teaching, he demonstrated his versatility by working for several years for the Space Technology Laboratories in Los Angeles in development work on the Titan and Minuteman programs. At the same time, he participated in career guidance for high school students in Los Angeles County.

His skills and interests were by no means limited to engineering. He was also a capable writer. In addition to his text, he wrote a novel of life in southern Ohio, served as a technical editor for a company and just before his death completed a history of the Electrical Engineering Department.

Professor Kimberly was a Fellow of the IEEE, a member of the National Society of Professional Engineers, ASEE and Sigma Xi.

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.

D. N. Gilbert Riddle

The Board of Trustees expresses its sorrow at the death on May 8, 1969, of Dr. N. Gilbert Riddle, Associate Professor Em in the College of Administrative Science - Finance.

Dr. Riddle was born in Nottoway County, Virginia, on March 20, 1897. He received his Bachelor's degree from West Virginia University in 1922. He earned his Master's degree from Columbia University in 1926 and his Doctoral degree there in 1934.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. N. Gilbert Riddle (continued)

Professor Riddle served as Bursar and Assistant Professor of Business at Birmingham Southern College and as Instructor in Economics and Business at West Virginia University. He came to The Ohio State University in 1929 as Instructor in Business Organization, was promoted to the rank of Assistant Professor of Business Organization in 1932 and to Associate Professor of Business Organization in 1947. He retired in 1967 after 38 years with The Ohio State University.

Dr. Riddle held memberships in the American Economics Association, the American Finance Association and the Columbus Society of Financial Analysts; the Faculty Club; Phi Alpha Kappa and Beta Gamma Sigma, honorary fraternities; and Phi Delta Theta, social fraternity. He was an active member of First Community Church. During World War I, Dr. Riddle served two years in the United States Army and during World War II he worked in Washington, D. C. He had been Statistical Assistant to the Federal Reserve Bank of New York; Investment Advisor for the Central Hanover Bank; and Financial Consultant with the United States Government National Economic Committee, Investment Banking Division.

Professor Riddle was an able teacher who enjoyed his students. He was the author of the text, The Investment Policy of Trust Institutions, and collaborated with H. Parker Willis to write The Banking Situation. He was selected for Who's Who in the Midwest and was included in the Directory of American Scholars.

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.

E. Herschel W. Nisonger

The Board of Trustees expresses its sorrow at the death on May 19, 1969, of Herschel W. Nisonger, Professor Emeritus in the College of Education.

Professor Nisonger was born in Ithaca, Ohio, March 18, 1890. He received his B. S. degree from The Ohio State University in 1914 and his M. A. degree from Columbia University in 1926. He served as Principal and Teacher of Science or Vocational Agriculture in several high schools for five years after graduating from this University. In 1919, he returned to The Ohio State University as an Instructor in Agricultural Education and remained on the faculty in administrative and teaching roles until his retirement in 1960. These roles included Professor of Agricultural Education; Junior Dean, College of Agriculture; Assistant Director and Director, Bureau of Special and Adult Education; and Director, Bureau of Educational Research and Service.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herschel W. Nisonger (continued)

It will be observed that Professor Nisonger's interests actually covered three careers: agricultural education; community organization and adult education; and special education. However, after his retirement this vigorous, purposeful and determined man entered upon a fourth and final career extending over a ten-year period. In this he became Director of Special Studies and Technical Planning of the American Association on Mental Deficiency in which capacity he coordinated numerous research projects of a national and international nature. He was actively engaged in this work at the time of his death.

Many honors came to him. Perhaps the most appreciated was the Distinguished Service Award of The Ohio State University presented in 1961 for unusual and distinctive service rendered the University. He served as President of the American Hearing Society for two terms and President of the American Association on Mental Deficiency. Perhaps a statement of tribute as he assumed this office was most fitting: "He is a pioneer; a social innovator; a kindly, wise and patient man; a catalyst."

Other honors indicate the wide range of his leadership functions in Ohio. Some are: Plaque for outstanding leadership from the Ohio Citizens Council for Health and Welfare, 1950; Citation of Recognition from the Ohio Rehabilitation Association; Certificate of Honor from the Ohio Federation of the International Council for Exceptional Children, 1957; Distinguished Service Award from the Ohio Association for Adult Education, 1958; Certificate of Merit to its Honorary Chairman by the Ohio Association for Retarded Children, 1960.

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.

F. John Sanford Richardson

The Board of Trustees expresses its sorrow at the death on May 22, 1969, of John Sanford Richardson, Professor in the College of Education.

John Richardson was born in New Weston, Ohio, on December 14, 1908. He received his B. S. and M. A. degrees from Miami University in Oxford, Ohio, in 1933 and 1936 respectively, and the Ph. D. degree in science education from The Ohio State University in 1942. His public school teaching experience included assignments at the elementary school, junior high school and high school levels. He went to Miami University in 1936 as an Instructor in science and science education. He was promoted to Assistant Professor in 1939 and to Associate Professor in 1942. From 1942 to 1947, he was responsible for various courses in education and also served as the principal of the McGuffey School at Miami University. He joined the faculty

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. John Sanford Richardson (continued)

of The Ohio State University in 1948 as an Associate Professor in the College of Education. He was promoted to Professor in 1953. During his tenure at The Ohio State University, he served as Coordinator of the Area of Science Education; Director of several National Science Foundation Academic Year Institutes and Summer Institutes; and Director of the ERIC Information Analysis Center for Science Education from 1965 through 1968.

Professor Richardson was active in many professional associations related to science and science education. He was a member and Past-President and Past-Treasurer of the National Science Teachers Association. He was a member of the National Association for the Advancement of Science, National Education Association, National Association for Research in Science Teaching, National Society for the Study of Education, U. S. National Commission for UNESCO, Phi Beta Kappa and Phi Delta Kappa. He also served as a consultant to many universities, secondary schools and state and national committees.

Professor Richardson was the author of numerous articles, research reports and books related to science and the teaching of science. His books concerning methods for teaching science and materials for teaching science are used on an international basis. Through his teaching and publications, John Richardson established a reputation as a master teacher of science and science education, and a thoughtful scholar. In recognition of his many contributions to the field of science education, he was honored by The National Science Teachers Association in March, 1969, as a Distinguished Science Educator, the highest award the Association can bestow.

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.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees by unanimous vote approved the inclusion of the foregoing Resolutions in Memoriam in the minutes of this meeting.

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XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held May 16, 1969

Vice President Corbally reported for information and the record that the Ohio Board of Regents at its regular meeting on May 16, 1969, approved the following new degree programs for The Ohio State University:

- (1) Master of Arts in Public Administration
- (2) Master of Public Administration
- (3) Doctor of Philosophy in Public Administration

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1969

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Frederick Jones, presented the following resolution:

RESOLUTION PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$1,700,000 PARKING SYSTEM REVENUE NOTES, SERIES 1969, FOR THE PURPOSE OF REFUNDING \$1,700,000 PRINCIPAL AMOUNT OF PARKING SYSTEM REVENUE NOTES HERETOFORE ISSUED TO PAY PART OF THE COSTS OF CONSTRUCTING AND EQUIPPING CERTAIN BUILDINGS, STRUCTURES AND FACILITIES TO BE USED FOR OR IN CONNECTION WITH THE PARKING OF MOTOR VEHICLES AND PROVIDING FOR OTHER MATTERS INCIDENTAL THERETO.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University" and, when the context admits, collectively with the Board called the "University") under and by virtue of Section 3335.02 of the Revised Code of Ohio, with the right, under Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all lands, buildings, and other property of the University and control of all expenses thereof; and by Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, by authority of Section 3345.11 of the Revised Code of Ohio, the Board is authorized to acquire by purchase, lease, or otherwise, and to construct, equip, maintain, renovate, repair, improve or remodel and operate, and to lease to or from others, buildings, structures, or facilities and sites therefor and related equipment within or in close proximity to the campus of the University to be used for or in connection with athletic purposes, student activity centers, faculty centers, dining halls, bookstores, auditoriums, parking of motor vehicles and contract research facilities; and, for the purpose of paying the costs thereof, or any part thereof, or the repayment of any loans obtained for such purposes, to use any funds in its possession not otherwise obligated, revenues derived from athletic events, and from the operation or leasing of such activity centers, faculty centers, dining halls, bookstores, auditoriums, parking facilities and contract research facilities including but not limited to such portions of student activity fees charged and paid for such purposes, any other revenues or receipts derived or to be derived from the operation or leasing of such structures, buildings, facilities and equipment; and for the purpose of paying all or part of such costs the Board is further authorized thereby to issue and sell bonds, notes

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1969 (continued)

or other written instruments evidencing such indebtedness, provided that such obligations shall not be a claim against or lien upon any property of the State of Ohio or any property of or under the control of said Board excepting such parts of the revenues or receipts derived from the operation or leasing of such structures, buildings, facilities, equipment or sites and any portion of the student fees assessed or to be assessed for the purposes of such acquisition, construction, equipment renovation, repair, improvement or remodeling or for the use of such structures, buildings, facilities, equipment or sites which the Board may pledge to secure the payment of such obligations; and by authority of said Section 3345.11 the Board is also authorized to issue such bonds, notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.11; and

WHEREAS, the Board has heretofore and does hereby determine and confirm that it is necessary to provide additional facilities for the parking of motor vehicles and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip certain buildings, structures and facilities to be used for and in connection with the parking of motor vehicles, all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles (being herein called the "Project"), the cost of which is presently estimated to be \$4,500,000; and

WHEREAS, the University has determined to borrow the funds to pay part of the foregoing costs, and to issue its Parking System Revenue Bonds, Series A, in the principal amount of \$4,500,000 pursuant to Section 3345.11 of the Revised Code of Ohio, and pursuant to resolution of the Board duly adopted September 8, 1966 authorizing said Bonds (which Resolution, as the same may hereafter be amended, supplemented or superseded, is herein called the "Bond Resolution"); and

WHEREAS, the University has heretofore by Resolution adopted June 13, 1968, provided for the issuance of \$1,700,000 Parking System Revenue Notes, Series 1968, of the University, and pursuant to said June 13, 1968 Resolution, there has been issued and delivered \$1,700,000 Parking System Revenue Notes, Series 1968, to refund outstanding interim financing and to provide additional interim construction financing to pay part of the cost of the Project which is presently under construction, which notes mature on June 27, 1969; and

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1, 700, 000 Parking System Revenue Notes, Series 1969 (continued)

WHEREAS, the University has and does hereby determine and confirm that it is necessary to issue notes to borrow funds for the repayment of the interim construction financing evidenced by said \$1, 700, 000 Parking System Revenue Notes, Series 1968, dated June 28, 1968, as authorized by said June 13, 1968 Resolution; and

WHEREAS, there has been submitted the following proposals for the purchase of said notes at 100% of par and at the designated interest rate:

<u>Original Purchaser</u> <u>(herein referred to as such)</u>	<u>Principal</u> <u>Amount</u>	<u>Interest</u> <u>Rate</u>
Huntington National Bank of Columbus	\$1, 000, 000	5. 0%
City National Bank & Trust Co.	500, 000	5. 5%
City National Bank & Trust Co.	200, 000	5. 625%
	<u>\$1, 700, 000</u>	

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

Section 1. It is hereby confirmed and declared that it is necessary to construct and equip the Project, and to issue, and that there shall be issued, notes in the aggregate principal sum of \$1, 700, 000 pursuant to Section 3345. 11 of the Revised Code of Ohio, for the purpose of refunding the interim construction financing evidenced by the \$1, 700, 000 The Ohio State University Parking System Revenue Notes, Series 1968, dated June 28, 1968, and issued and delivered to pay part of the costs of the Project.

Section 2. The principal of and interest on such notes, and such additional notes as may be issued to pay part of the costs of the Project shall be payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities," and all payments required to be made, from time to time from said "Pledged Receipts" into the "Special Funds" created under the Bond Resolution subject to the pledge thereof to the bonds authorized by the Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes of the University issued pursuant to Section 3345. 11 of the Revised Code of Ohio, or other authorizing provisions of law to refund the Notes authorized hereby; provided that neither the State of Ohio nor the University, nor its Board of Trustees shall be obligated to pay the principal of or interest on such notes from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1969 (continued)

said notes are not general obligations of the State or University, and the full faith and credit there are not pledged thereto, and the note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

In consideration of the loan evidenced by the notes authorized hereby, the University and its Board covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of such notes, of revenue bonds or notes for the refunding of the Notes, pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law, in such principal amount as shall be necessary to pay the principal of and interest on such notes, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Section 3. Said notes shall be designated "Parking System Notes, Series 1969," shall be dated June 27, 1969, and shall mature June 26, 1970. Said notes shall bear interest at the rate of 5.0%, 5.5% and 5.625% per annum, payable semi-annually, or at maturity as requested by the Original Purchaser. Said notes shall be in denominations of \$5,000 or any multiple thereof, as bearer notes with or without coupons, or may be represented by a single note for the entire issue, as may be requested by the Original Purchaser, and shall be numbered as determined by the Vice President, Business and Finance, or the Assistant Treasurer. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the President or the Vice President, Business and Finance, one of which may be a facsimile, attested by the Secretary of the Board, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of said Vice President, Business and Finance, or the Assistant Treasurer, and the notes shall bear the seal of the University or facsimile thereof.

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the paying agent when the University shall notify the holder thereof that the definitive notes are available. The definitive notes shall be substantially in the form attached hereto as Supplement A (page 694), the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes herein or other

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1, 700, 000 Parking System Revenue Notes, Series 1969 (continued)

unregistered form, with or without coupons or to reflect the terms of the sale thereof consistent with this resolution and with such changes therein, not substantially adverse to the University, as the President or the Vice President, Business and Finance, may approve.

If the owner (in this paragraph called the "owner") of a note issued pursuant to this Resolution claims that such note has been lost, destroyed, or wrongfully taken, the Vice President, Business and Finance, or the Assistant Treasurer of the University are each authorized to cause to be executed and delivered a new note (in this paragraph called the "replacement note") of like tenor and date (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35 of the Revised Code of Ohio and of this paragraph. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Vice President, Business and Finance, or Assistant Treasurer of the University, and shall include evidence satisfactory to said Vice President or Assistant Treasurer of such loss, destruction, or wrongful taking and of his ownership. The Vice President, Business and Finance, or in his absence the Assistant Treasurer of the University, is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 4. Said notes are hereby awarded at par and under the terms aforesaid as follows in accordance with the aforesaid proposals to purchase said notes and this resolution:

<u>Original Purchaser</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
Huntington National Bank of Columbus	\$1, 000, 000	5.0%
City National Bank & Trust Co.	500, 000	5.5%
City National Bank & Trust Co.	200, 000	5.625%
	<u>\$1, 700, 000</u>	

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 delivery of said notes in accordance with said award and this resolution.

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1969 (continued)

Section 5. The Vice President, Business and Finance, or the Assistant Treasurer of the University is hereby authorized and directed to apply the proceeds of the 1969 Notes promptly to the payment and discharge of the outstanding notes dated June 28, 1968 and to apply to the payment of interest on said outstanding note such amount from the Construction Fund for the Project or from other funds available therefor.

Section 6. Any reference herein or in Supplement A hereto to Section 3345.11 of the Revised Code of Ohio shall mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto.

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

C. Report on the University's Investment Portfolio

The report dated June 11, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

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UNITED STATES OF AMERICA
STATE OF OHIO
THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1969

No. 2

\$100,000

KNOW ALL MEN BY THESE PRESENTS that THE OHIO STATE UNIVERSITY and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth to The Huntington National Bank of Columbus, Columbus, Ohio, or order, the principal sum of

ONE HUNDRED THOUSAND DOLLARS

on the 26th day of June, 1970, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, at par plus accrued interest to the date of prepayment, and to pay, solely from said sources, interest thereon from the date hereof at the rate of five per centum (5%) per annum, payable semi-annually on the 26th day of December and June hereafter. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of The Huntington National Bank of Columbus, Columbus, Ohio without deduction for its services as the University's paying agent, upon presentation and surrender of this note. The interest on this note and the principal hereof are payable solely from (a) the "Pledged Receipts" after provision for "Operation and Maintenance Expenses", if any, of the "Pledged Facilities" and all payments required to be made, from time to time, from said "Pledged Receipts" into the "Special Funds" created by the Bond Resolution, identified below, as such terms are defined in the Bond Resolution subject to the pledge thereof to the bonds authorized by said Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof. The aforesaid Bond Resolution is the Resolution adopted by the Board of Trustees September 8, 1966, authorizing the issuance of \$4,500,000 principal amount of parking system revenue bonds, as such Resolution may be amended, supplemented or superseded.

This note is one of a duly authorized series of notes of like tenor and effect, except as to rate of interest, numbered from 1 to 17, both inclusive, all of said notes being of the denomination of \$100,000 each, aggregating in amount \$1,700,000 and issued for the purpose of refunding \$1,700,000 principal amount of The Ohio State University Parking System Revenue Notes, Series 1968, dated June 28, 1968, issued and delivered to pay part of the cost of constructing and equipping certain buildings, structures and facilities to be used for or in connection with the parking of motor vehicles all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.11 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the 12th day of June, 1969.

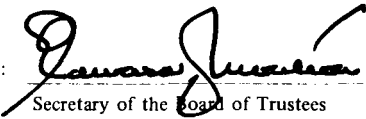
In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of revenue bonds or notes for the refunding of this note, pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provisions of law, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.


This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of the University, and to be attested by the Secretary of the Board of Trustees of said University, as of the 27th day of June, 1969.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Attest: 
Secretary of the Board of Trustees

By 
Vice President, Business and
Finance of The Ohio State
University

Receipt of \$ _____ from The Ohio State University this _____ day of
December, 1969, in full satisfaction of the first semi-annual interest payment on the aforesaid note,
is hereby acknowledged.

By _____

June 12, 1969 meeting, Board of Trustees

XII. COMMITTEE APPOINTMENTS FOR 1969-70

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

Finance and Investment Committee

Frederick E. Jones, Chairman
James W. Shocknessy
William C. Safford
Frederick R. Eckley

Retirement and Insurance Committee

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

Development Fund Board of Directors (One-year term)

Don M. Hilliker
Frederick E. Jones

Research Foundation Board of Directors (Three-year term, July 1, 1967 - June 30, 1970)

John G. Ketterer

Association of Governing Boards of Universities and Colleges

John H. Dunlap

Inter-University Council

James W. Shocknessy

Representative for AAUP Visit

James W. Shocknessy

*

*

*

Thereupon the Board adjourned to meet Thursday, July 10, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

APPENDIX IX

Revision of Rule 29.2705 and Addition of a New
Rule 29.2729 to Rules for the University Faculty

as Approved by the Faculty Council
May 13, 1969

Adopted by Board of Trustees June 12, 1969
(See page 655)

Page 698 Blank

Rules for the University Faculty

The Faculty Council on May 13, 1969 approved the revision of Section 1 of Rule 29.2705 of Rules for the University Faculty. The addition to this rule is shown in the underscored section. The Faculty Council also approved a new rule--Rule 29.2729.

29.2705. The Library Council.

The Library Council shall consist of six teaching members of the University Faculty; the Vice President for Educational Services; the Vice President for Research; the Dean of the Graduate School; the Director of Libraries; a representative from the Council of Graduate Students (see Rule 53.0705); and a student appointed by the President of the Undergraduate Student Body with the advice and consent of the student assembly. The President, on recommendation of the Vice President for Educational Services shall appoint the six faculty members for four-year terms, one or more to retire each year and to be ineligible for re-appointment during one year thereafter. The Chairman shall be elected from among the teaching faculty members of the Library Council and he shall report to the Faculty Council.

29.2729. Committee on Academic Freedom and Responsibility.

Section 1. The Committee on Academic Freedom and Responsibility shall consist of five elected members of the Faculty Council. They shall be elected by the Faculty Council for two-year terms.*

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.

*The Committee recommends that notwithstanding the provision of two-year terms, two members of the first committee, being those receiving the lowest votes, shall serve for only one year.

Page 700 Blank

INDEX TO OFFICERS AND EMPLOYEES

1968-1969

A

Abbott, Kenneth M. 548
 Adams, Dale W. 8
 Adler, Ron K. H. 381
 Ayres, Edmund D. 550

B

Bader, Kenneth L. 138
 Bambah, Ram Prakash 380
 Bauman, Harold Dean 264
 Bayer, Leonard D. 657
 Bell, Arthur I. 9
 Bell, Ely E. 139
 Benner, Charles H. 140, 657
 Birkeland, Jorgen M. 550
 Bohning, Richard H. 379
 Bondurant, Byron L. . . 264, 380, 548
 Bonner, John T. 7
 Bonney, Eileen L. 549
 Bowers, Donald Frederick . . 285
 Brady, Ronald 289
 Bricker, John W. 41, 404,
 418, 422, 567, 568
 Brown, Robert S. 265
 Brown, S. Earl 234
 Bruner, Wilbur H. 551
 Bucher, Paul 681
 Bull, Colin B. B. 657
 Burgwald, Louis Henry 176
 Butcher, Wendell Allen 683

C

Cameron, Richard L. 7
 Carson, Gordon B. 170, 542
 Chalsma, H. William 297
 Chandler, Harry H. 139, 549
 Ching, Eugene 510
 Christian, Carlton F. 450
 Chu, Samuel Chang-ling 656
 Clancy, Barbara Jane 9
 Condoide, Mikhail V. 550
 Corbally, John E., Jr. 650
 Cravens, M. Eugene 380
 Crawford, John W. . . . 235, 264, 381
 Crosswhite, F. Joe 139
 Cruickshank, Donald R. 656
 Crump, Wilford Thomas 9
 Cuber, John F. 8
 Cullman, W. Arthur 548

Cunningham, Luvern L. 657
 Cunnyngham, Jon 297
 Cunz, Dieter 451

D

Dawson, Clyde William 285
 Dehority, Burk A. 430
 Demko, George J. 235
 Demos, John T. 9
 Denune, Perry Perdue 415
 Dorfman, Leon M. 8
 Droste, Paul E. 549
 Dunlap, John H. 41, 696

E

Eckelberry, George Wendell . . 288
 Eckley, Frederick R. 541, 696
 Edse, Rudolph 673
 Ehman, Jerry R. 510
 Ely, Fordyce 308
 Erickson, James Richard 235
 Esmond, Robert V. 429
 Estrich, Robert M. 550
 Evans, Virginia M. 139, 140

F

Fawcett, Novice G. 33, 34, 36, 37,
 40, 185, 251, 252, 253,
 309, 418, 452, 567, 650
 Ferguson, Alfred R. 656
 Fertig, Paul E. 8
 Fetzer, Margaret Steenrod 551
 Floyd, Judith Ann 9
 France, Mervin B. 41, 541

G

Gambs, Charles R., Jr. 138
 Garrett, Alfred B. 260, 310
 Gatherum, Gordon E. 263
 Gatrell, Marion T. 380
 Georges, Robert E. 297
 Gibbony, Hazel Lee 551
 Gibbs, Jack G. 541, 696
 Gold, Ronald B. 549
 Graves, Judith 140
 Green, David E. 34
 Gwinner, Georgia 140

H

Hamelberg, William	380
Harkness, Kenneth	186
Herson, Lawrence J. R.	547
Hewlett, Edward W.	139
Hilliker, Don M.	41, 696
Hirth, John P.	139
Holsinger, G. Robert	138
Holtkamp, Lawrence C.	551
Hopkins, James R.	416
Hsia, John S.	381, 549
Hughey, Ruth W.	550
Hull, Mary F.	381
Hunter, Maureen A.	381
Hunter, William W.	265

J

Janko, Zvonimir	429
Jones, Frederick E.	41, 542, 696
Jones, Richard E.	430
Jones, William Robert	174

K

Kelman, Maurice	548
Ketterer, John G.	41, 542, 696
Kimberly, Emerson Edward	683
Kinsey, David Lee	286
Kirkendall, Ben Renick	287
Kleman, William C.	139
Koutz, Fleetwood Raymond	565
Kozyris, P. John	656
Krauss, William E.	550

L

Laird, Campbell	137
La Londe, Bernard J.	429
Langlois, Thomas H.	413
Latshaw, William K.	9
Lazar, Nathan	550
Leben, Curt	430
Leggett, Ernest W.	170
Leitzel, Joan Phillips	297
Levine, Raphael D.	510
Lewis, Eleanor	551
Li, Tien-yi	656
Liddle, R. William	430
Livingstone, John L.	264
Ludden, Franklin Monroe	234
Lund, Lois Ann	7

M

Mack, Clifton E.	551
Mangus, Arthur R.	550
Marshall, Carl L.	656
McCormick, Anita R.	381
McCourt, Delma C.	140
McDonald William F.	550
McFerren, Richard O.	382
McLachlan, Dan, Jr.	8
Medley, Joseph F.	170
Miller, Glenn W.	548
Mintzer, Olin W.	264
Mitchell, Howard R., Sr.	141
Mordy, Margaret A.	379
Morford, Mark P. O.	380
Moser, Henry M.	9
Moulton, Edward Q.	137, 234, 542
Mount, John T.	7, 136, 310
Murphy, Earl Finbar	656
Myers, Theodore B.	137

N

Naber, Edward C.	548
Nelson, Gordon L.	510
Newton, Mildred E.	140
Nisonger, Herschel W.	685
Nordstrom, Robert J.	8
Norman, Carl Adolph	414

O

Oaklief, Charles R.	234, 380, 381, 549
Old, Jacob W., Jr.	657
Olscamp, Paul J.	379
Oren, John W., Jr.	510, 657
Overholt, Milton W.	138

P

Parrish, Olive W.	140
Petteys, Rodney A.	139
Plaine, Henry L.	234
Platt, Rosemary D.	549
Plecha, Fred R.	264
Plowman, E. Grosvenor	296
Polivka, Joseph B.	140
Porterfield, Ralph A.	264
Potter, Merwin E.	298
Powell, Reed M.	8
Price, John W.	550
Pullman, David E.	429

R

Ramseyer, John A.	177
Ramsower, Harry Clifford	32
Reckless, Walter C.	550
Richardson, John Sanford	686
Riddle, N. Gilbert	684
Ristine, Leonard P.	551
Rizvi, Mohammad Haseeb	235
Robinson, Donald B.	550
Roquette, Peter J.	548
Rounds, William F.	429
Ruble, Floyd J.	140
Rule, John C.	8

S

Saboe, Lewis C.	235, 381
Safford, William C.	41, 696
Schick, Harold	429
Schmidt, C. James	549
Schwarz, Alan	548
Scott, Gladyce E.	235
Scott, Madison H.	138
Shaddock, John A.	139
Shapiro, Jesse M.	548
Shepard, William Frederick	265
Shipman, Morgan	657
Shocknessy, James W.	38, 41, 422, 650, 696
Sklar, Ronald B.	549
Smith, Agnes S.	381
Smith, Robert G.	262
Sorensen, Sandra Jane	9
Stecker, Frederick	379, 406
Stickney, Judith Ann	9
Strausbaugh, John D.	140

T

Tamulitis, Judy A.	430
Teater, Robert W.	428
Thomas, Bertram D.	41, 541
Thompson, Ronald B.	138
Tien, H. Yuan	657
Treboni, Louis A.	429
Tupps, Doris R.	297
Turnbull, Robert G.	8
Tyler, Margaret C.	658

V

VanderZanden, James W.	430
--------------------------------	-----

W

Walker, R. Wayne	657
Walton, William V.	551
Weimer, Ruth H.	138
Welch, Martha E.	9
Westrick, Francis C.	297
Wikoff, Helen Landman	550
Wild, Bradford W.	8
Wilson, Frank E.	657
Wilson, Judson D.	550
Wiren, Alice P.	9
Wood, Wilbur B.	140
Woodson, Thomas N.	549

Y

Young, Mary E.	297
------------------------	-----

Z

Zimmer, Horst Gunter	549
Zorn, Edwin E.	510

GENERAL INDEX

1968-1969 Minutes

A

A. A. A. A. Educational Foundation, Inc. (The)	160, 520
A. A. A. A. Educational Foundation Research Fund	160, 520
AC Spark Plug Division, General Motors Corporation	562
Accountant's Report on the University Dormitory Revenue Bond Funds	310
Accounting	378
Accounting, Department of	378
Acquisition of Property for Educational Facilities	449
Administration Building	37
Administrative Officers	250
Administrative Officials, Appropriations for	179
Administrative Science, College of	157, 278, 561
Admissions Office	25
Aeronautical Systems Division, Research and Technology Division, Wright-Patterson Air Force Base, Ohio	236
Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	146, 660
Aerospace Medical Division, Brooks Air Force Base, Texas	432
Agency for International Development, Washington, D. C.	11, 147, 237
Agreements	17, 18, 153, 666
Agricultural Administration Building, Improvements to Heating and Air Conditioning	169
Agricultural Economics and Rural Sociology, Department of	442
Agricultural Education Scholarships	404
Agriculture and Home Economics, College of	165, 247
Air Force, Department of the, Aeronautical Systems Division, Wright- Patterson Air Force Base, Ohio	237, 431
Air Force, Department of the, Air Force Institute of Technology, Wright- Patterson Air Force Base, Ohio	146, 269
Air Force, Department of the, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	237, 552
Air Force, Department of the, Headquarters 2750th Air Base Wing (AFLC), Wright-Patterson Air Force Base, Ohio	239
Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio	239
Air Force Missile Development Center, Holloman Air Force Base, New Mexico	552
Air Force Office of Scientific Research, Arlington, Virginia	390, 391, 434, 554
Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico	553
Air Force Systems Command, Aeronautical Systems Division, Wright- Patterson Air Force Base, Ohio	144, 145, 237-239, 511
Air Line Pilots Association, Washington, D. C.	272
Alcoa Foundation, Pittsburgh, Pennsylvania	303, 672
Alcoa Foundation Professorship in Chemical Engineering	303
Alcoa Foundation Scholarship Fund	672
Alcoholic Beverage Policy	509
Alcoholic Beverages	2
Allegheny Foundation, Pittsburgh, Pennsylvania	515
Allied Medical Professions, School of	32, 169, 445, 677
Allied Medical Services, School of	169
Alloy Casting Institute, New York, New York	150
Alpha Rho Chi Scholarship Fund	164

Alumnae Scholarship House Fund	440
Alumni Endowment Fund	560
Ambulatory Medicine Research Fund	561
American Broadcasting Company	673
American Cancer Society, Inc., New York, New York	515
American Chemical Society	164, 679
American Chemical Society Fund - Chemistry	164
American Chemical Society, Petroleum Research Fund, Washington, D. C.	242, 272
American Cyanamid Company, Wayne, New Jersey	672
American Cyanamid Faculty Fund for Chemical Engineering	672
American Dairy Association, Chicago, Illinois	399
American Dairy Association Research Fund	399
American Foundation for Pharmaceutical Education	160, 276, 520
American Foundation for Pharmaceutical Education Fellowship Fund	160, 276, 520
American Heart Association, New York, New York	16, 240, 665
American Iron and Steel Institute, New York, New York	15, 660
American Medical Association, Chicago, Illinois	22
American Oil Foundation, Chicago, Illinois	277
American Oil Foundation Fellowship in Chemical Engineering	277
American Orchid Society Fund	278
American Orchid Society's Fund for Education and Research, Inc., Cambridge, Massachusetts	278
American Otological Society, St. Louis, Missouri	516
American Petroleum Institute, New York, New York	432
American Society for Engineering Education, Washington, D. C.	277
American Society of Heating, Refrigerating and Air Conditioning Engineers, Incorporated, New York, New York	392
American Society of Tool & Manufacturing Engineers, Dearborn, Michigan	244
American Veterinary Medical Association Foundation, Park Ridge, Illinois	278
American Veterinary Medical Association Foundation Fund in Veterinary Medicine	278
Andersen, Arthur, & Company, Chicago, Illinois	672
Andersen, Arthur, & Company, Student Aid Fund in the College of Administrative Science - Accounting	672
Anderson Foundation, Maumee, Ohio	671
Anderson Foundation Research Fund in the College of Medicine	671
Andre, Charles E. (Dr.), Las Vegas, Nevada (Gift)	561
Andreas, John E. and Helen M. (Purchase of Property)	449
Animal Science Special Fund	560
Antiquariaat, Pampiere Wereld	31
Antique Show Receipts	672
Appropriations	179
Argyll Road	679
Armco Fellowship in Metallurgical Engineering	304
Armco Foundation	304
Armington, Raymond Q., Fund for Engineering	404
Armington, Raymond Q., Ten-Year Trust	404
Armstrong Electric Co.	676
Army, Department of the, Aberdeen Proving Ground, Maryland	270
Army, Department of the, Office of Civil Defense, Washington, D. C.	243
Army, Department of the, Picatinny Arsenal, Dover, New Jersey	659
Army, Department of the, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland	431
Army, Department of the, U. S. Army Medical Research and Development Command, Washington, D. C.	267

Army, Department of, U. S. Army Research Office - Durham, North Carolina	511
Art, Division of	259
Art Education, Division of	259
Art, School of	165, 259
Art, School of - Special Fund	164
Arthritis Foundation (The), Central Ohio Chapter, Inc.	162
Arthritis Foundation Research Fund in Pharmacy	162
Athletics, Department of	653
Athletics, Department of, Discretionary Fund	280, 281
Athletics, Department of, Fund	280
Atkinson, Charles W., New Cumberland, West Virginia (Gift)	671
Atlantic Richfield Foundation	161
Atlantic Richfield Fund for Geology	161
Automotive Safety Foundation, Inc., Washington, D. C.	277
Automotive Safety Foundation, Inc., Grant-in-Aid Fund	277

B

Babcock & Wilcox Company (The), New York, New York	671
Bachelor of Aeronautical and Astronautical Engineering	258
Bachelor of Agricultural Engineering	258
Bachelor of Ceramic Engineering	258
Bachelor of Chemical Engineering	258
Bachelor of Civil Engineering	258
Bachelor of Electrical Engineering	258
Bachelor of Industrial Engineering	258
Bachelor of Mechanical Engineering	258
Bachelor of Metallurgical Engineering	258
Bachelor of Science in Aeronautical and Astronautical Engineering	258
Bachelor of Science in Agricultural Engineering	258
Bachelor of Science in Allied Health Professions	544
Bachelor of Science in Ceramic Engineering	258
Bachelor of Science in Chemical Engineering	258
Bachelor of Science in Civil Engineering	258
Bachelor of Science in Electrical Engineering	258
Bachelor of Science in Engineering Physics	259
Bachelor of Science in Industrial Engineering	258
Bachelor of Science in Mechanical Engineering	258
Bachelor of Science in Medical Dietetics	545
Bachelor of Science in Medical Illustration	545
Bachelor of Science in Medical Technology	545
Bachelor of Science in Metallurgical Engineering	258
Bachelor of Science in Occupational Therapy	545
Bachelor of Science in Physical Therapy	545
Bachelor of Science in Physics	259
Bachelor of Science in Welding Engineering	259
Bachelor of Welding Engineering	259
Bailey, Ervin G. (Gift)	404
Bailey, Ervin G., Fund for Engineering	404
Baker, Maribelle Seely, Memorial Scholarship Fund	24, 561
Balco, Inc.	525
Barton, Robert K., Memorial Fund	275, 304, 399
Basic Ceramic Engineering Fellowship Fund in the Department of Ceramic Engineering	520
Basic, Incorporated, Bettsville, Ohio	520
Bates & Rogers Construction Co.	446
Battelle Memorial Institute, Columbus, Ohio	151, 244, 276

Beckman, Theodore N., Fund for Research in Marketing	23,	403
Bell Telephone Laboratories		396
Bell Telephone Teaching and Research Fund		396
Benedum, Paul G. (Gifts)	403,	441
Benham, Richards and Armstrong		411
Bishel, John G., Memorial Award Fund		279
Bitonte, Joseph L. (Gift)		162
Blakeley, Constance Corkwell (Mrs.) (Gift)		279
Blakeley, Gail M., Jr., Memorial Fund		279
Board of Trustees	41,	696
Boilers 6 and 7, Elimination of Atmospheric Pollution	444,	527
Bolin, W. F., Company, Columbus, Ohio		307
Bradfield, Idalia (Mrs.), Estate of		303
Bradfield-Watrous Memorial Fund (The)		303
Branch Campuses		5
Bremer Foundation (The)	160,	303, 519
Bremer Foundation Fund (The)	160,	303, 519
Bricker, John W., Professorship in the College of Law		
	400, 403, 404, 405, 406,	441, 562
Brown Hall Remodeling	30,	249, 250
Bruner Corporation		526
Brush Beryllium Co. (The), Cleveland, Ohio		153
Buildings and Property, Purchase of	679,	680
Burckel, Christian, Bronxville, New York (Gift)		165
Burckel, Christian E. (Mr. and Mrs.) (Gift)		673
Burdell, Edwin Sharp (Dr.) (Gifts)	521,	672
Burdell, Edwin Sharp, Memorial Fund	521,	672
Business Organization, Department of		378
Business Organization Special Fund		160
Byerly, Milton R., Estate of		245
Byerly, Milton R., Scholarship Fund		245

C

Calkins, William B., Trust under the Account of		303
Campus Master Plan		260
Carlin, Florence Poston (Gift)		402
Carlin, Oscar E. (Gift)		402
Carlin, Oscar E., Florence P., Philip E., David P., Scholarship Fund		402
Carmichael, Dan A.		412
Carruthers, John L., Fellowship in Ceramic Engineering (The)		160
Celanese Corporation		277
Celanese Corporation Fund for Chemical Engineering		277
Centennial Celebration for The Ohio State University	260,	310
Center for Continuing Medical Education Fund		441
Center for Tomorrow		509
Center for Tomorrow Fund		672
Center for Vocational and Technical Education		159
Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri	151, 272,	437
Central Ohio Breeding Association, Columbus, Ohio		560
Central Ohio Heart Association, Inc., Columbus, Ohio	241-242,	272
Ceramic Engineering, Department of		305, 562
Certificate of Earnings Coverage Under Section 6(b) of the Original Bond		
Resolution Adopted April 8, 1957, for Issuance of \$3,000,000		
Dormitory Revenue Bonds, Series J		221

Certificate Program in Latin American Area Studies	427
Certificate Pursuant to Section 2.03(4) of Trust Agreement Between the University and the Ohio National Bank of Columbus, as Trustee, Dated April 15, 1967 for Issuance of \$3,000,000 Dormitory Revenue Bonds, Series J	225
Chamberlain Laboratories, A Research & Development Center of U. S. Stoneware, Inc., Stow, Ohio	273
Champion Spark Plug Company, Detroit, Michigan	402
Champion Spark Plug Company Fellowship in Ceramic Engineering	402
Chapman, Donald C., Fund	405
Chemagro Corporation, Kansas City, Missouri	561
Chemical Engineering, Department of	396
Chemistry, Department of	396
Chemistry, Department of, Discretionary Fund	280
Chrysler Corporation Fellowship Fund	246
Chrysler Corporation Fund, Detroit, Michigan	246
C. I. E., Inc.	404
City National Bank and Trust Company (The)	561
Civil Engineering, Department of	673
Claggett Electric Company	525
Clark, Edgar C., Memorial Fund	24
Clark, Gladys Ford (Mrs.) (Gift)	24
Clar-Mar Corp. (The), Columbus, Ohio	168, 676
Cleveland Browns, Inc.	400
Cleveland Institute of Electronics	405
Clow Foundation, Chicago, Illinois	560
Coakley, Henry Beckman, Foundation (The)	404
Coakley, Henry Beckman, Fund	404
Cockins, Edith, Hall - Modernization for Faculty Offices	445, 447
Cohen, A. B. and Ralph, Foundation (In the name of Mrs. A. B. "Dolly" Cohen)	164
Cohen, Dolly (Mrs. A. B.) (Gift)	280
Cole, John Dana (Gift).	405
Cole, John Dana, Fund	405
Colgate-Palmolive Company, New York, New York	441
Columbia Gas of Ohio, Inc.	171
Columbia Gas Service System, Columbus, Ohio	273-274, 557
Columbus Area Chamber of Commerce, Columbus, Ohio	512
Columbus, City of, Department of Development, Columbus, Ohio	152
Columbus Foundation (In the name of Everett D. Reese)	161
Columbus Jewish Welfare Foundation	23, 403
Columbus and Southern Ohio Electric Company	448
Comparative Medical Teaching and Research Facility	410, 411, 523
Computer-Aided Instruction	289
Computer Facility Expansion, College of Medicine	675
Conard, John B. (Gifts)	164, 442
Conard, John B., Fund for Ceramic Engineering	164, 442
Conley, Clyde G. (Gift)	23
Conley, Clyde G., Fund for Engineering	23
Consol-Truax-Traer Coal Co., Inc., Conservation Department, Library, Pennsylvania	433, 553
Construction Engineering, Professorship in	400
Continental Oil Company	161
Continental Oil Company Fellowship in Chemistry	161
Cooper-Bessemer Company	400
Cooper-Bessemer Engineering Scholarship Fund	400

Cooperative Extension Service	653
Cooperrider, Lillian Zinn (Mrs.)	403
Coplan, Robert C. (Gift)	441
Coplan, Shirley and Robert, Scholarship Fund	277, 441
Corrugated Container Company (The)	405
Corrugated Container Company Fund	405
Council on Industrial Relations for the Electrical Contracting Industry	22, 670
Crime and Delinquency Research Fund	403, 561
Critchfield, Robert M. (Gift)	304
Critchfield, Robert M., Fund for Engineering	304
Croce and Abbot	448
Cromer, James J., D.D.S. (Gift)	405
Crumman Aircraft Engineering Corporation, Bethpage, New York	406
CTH Electric Company	678
Cunz, Dieter, Hall of Languages (The)	506
Customs	170

D

Dairy Science Breeding Research Fund	560
DARO Fund, Inc.	159
Davis, Jacob E. (Gift)	278
Davis, Jacob E., Fund for College of Law	278
Dayco Corporation, Springfield, Missouri	666
Deafness Research Foundation (The), New York, New York	391
Deatherage, Fred E. (Dr.) (Gift)	278
Deere, John, Foundation	159
Degen Excavating Co., Lima, Ohio	168
Degrees	5, 258, 259, 296, 427, 544, 545, 546, 547, 655
Deisel, William P. and Pauline J., Scholarship Loan Fund	246
Deisel, William P. and Pauline J., Scholarship Loan Trust, Lima, Ohio	246
Denman Rubber Manufacturing Company	246
Denney Hall Remodeling	30, 249, 250
Dentistry Building - Compressed Air Piping	306, 563
Dentistry, College of, Centennial Fund	280, 404, 405, 406
Department of State, Agency for International Development, Washington, D. C.	19
Derby Hall Computer Facility	249
Dermatology Research Fund	404
Design, Division of	259
Diemer, Lena Champ (Mrs.) (Gift)	402
Disciplinary Action Against Students Who Participated in the April 26, 1968, "Lock-in" in the Administration Building	37
Dispatch Charities, Inc.	399
Dispatch Printing Company (The)	519
Distinguished Teachers Awards	400
Doan, Charles Austin, Fund	405
Doctor of Philosophy	544, 687
Dodd Hall Addition	169, 447, 564
Donaldson, Elvin F., Fund	162
Dorfman, Lionel E., M. D. (Gift)	278
Dow Chemical Company	160
Dow Chemical Company Scholarship and Fellowship Fund - Chemical Engineering	160
Dow Chemical Scholarship and Fellowship Fund in Chemistry	160
Drake & Ford	680
Drinko, John D. (Gift)	403
du Pont de Nemours, E. I., & Company	396

E

Earned Indirect Costs	25
Easements	171, 284, 447, 448, 564
East Asian Languages and Literatures, Division of	673
East Central Ohio Heart Association, Canton, Ohio	272
East Ohio Gas Company (The)	23
Eastman Kodak Company	160
Eastman Kodak Research Fund for Education	160
Edison Electric Institute, New York, New York	17
Education, Publications and Research Obstetrics Fund	24
Electrical Engineer	259
Electrical Engineering, Department of	407
Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts	12, 144, 268, 431, 432
Elevator Modernization	410, 678
Engineering, College of	258, 259, 671
Enrollment Report - Autumn Quarter, 1968	252
Enrollment - Summer Quarter, 1968	40
Esso Education Foundation	402
Esso Graduate Fellowship in Chemical Engineering	402
Evans, Emerson E., Gallipolis, Ohio (Gift)	400
Evans, Emerson E., Fund	400

F

Faculty Club	2
Faculty Merit Award Fund	400
Failor, Josephine S. (Gift)	304
Farber Corporation	679
Fawcett, Novice G., Professorship in Educational Administration	402, 404, 560
Federal Aviation Administration, Oklahoma City, Oklahoma	12
Fees	309
Ferro Corporation, Cleveland, Ohio	441
Ferro Corporation Fellowship Fund	441
Finance	378
Fine Arts Building	506
Firestone, Harvey S., Jr. (Gift)	403, 407
Fishel Company (The)	678
Fisher, Max M., Fund	404
Fisher, Max M. and Marjorie S. (Gift)	404
Fontana, Mars G. (Dr.) (Gifts)	247, 280
Fontana, Mars G., Scholarship in Metallurgical Engineering	247, 280
Forging Industry Educational and Research Foundation	246, 403, 561
Forging Industry Educational and Research Foundation Fund	246, 403, 561
Fosdick and Hilmer	251
Founders' Hall	260
Franklin, County of	171
Friden, Inc. - Division of the Singer Company	25
Fullen, John B., Scholarship Fund	562
Fund for Progress in Urology	278, 442

Gale Research Fund, Detroit, Michigan	407
Galvin Foundation, Lima, Ohio	159
Garage and Laundry Building, Alteration of South Portion	412, 523, 676
Garwick, J. Parker, Fund	673
Garwick & Sons, Inc.	673
Gastroenterology Research Fund	304, 561
Gates, McDonald & Company	405
General Electric Company, Ossining, New York	246, 441
General Electric Company, Sidney, Ohio	281
General Electric Graduate Research and Study Grant Fund	246
General Motors Corporation	396
General Motors Corporation Scholarship Fund	396
General Radio Company	407
General Surgery Fund in the College of Medicine	671
Gerlach, John B. (Gift)	304
Gifts-in-Kind 25, 165, 247, 281, 305, 406, 407, 521, 562,	673
Gilbert, Ivan, Fund	280
Golf Course Facility	509
Goodsell Family Memorial Scholarship Fund	397
Goodsell, Robert (Gift)	397
Goodyear Aerospace Fellowship Fund in Aeronautical Engineering	277
Goodyear Foundation Fellowship Fund	304
Goodyear Foundation Scholarship Fund	277
Goodyear Tire and Rubber Company Fund	277, 304
Gordon Electric Co.	526
Goss Laboratory - Installation of New Distilled Water and Steam System	444
Graduate Nursing Education Fund	520
Grant Hospital, Columbus, Ohio	399
Griffith, Charles W., Memorial Fund	304, 561
Griffith Foundation for Insurance Education	304, 561
Griffith Foundation Scholarship Fund	562
Group Life Insurance	294
Groza, Lou, Scholarship Fund	400
Gulf Oil Corporation Graduate Fellowship Fund	520
Gulf Oil Foundation	520

H

Hammond, William A. (Dr.) (Gift)	405
Hammond, William A., Lectureship Fund	405
Harkers Fund	560
Harner, Lester (Mr. and Mrs.), Agricultural Education Scholarship Fund	162
Harner, Lester (Mr. and Mrs.), Trust under the Will of, Xenia, Ohio	162, 279
Harvest Publishing Company (The), Cleveland, Ohio	442
Haskett Hall Remodeling	251
Havener, William H., M. D. (Gifts) 23, 278, 304,	397
Headquarters Aeronautical Chart and Information Center, St. Louis, Missouri	385
Headquarters, U. S. Army Aviation Materiel Laboratories, Fort Eustis, Virginia	659
Health, Education and Welfare, Department of, National Air Pollution Control Administration, Durham, North Carolina	512
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. 20202 (Grants) 19-21, 156-157, 244, 302, 395, 440, 557-559, 667-668,	670

Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contracts)	143, 237, 269, 658
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Grants)	389, 436
Health, Education and Welfare, Department of, Office of Education, Bureau of Education for the Handicapped, Washington, D. C. 20202	559
Health, Education and Welfare, Department of, Office of Education, Bureau of Higher Education, 226 West Jackson Blvd., Chicago, Illinois 60606	154
Health, Education and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C.	20, 393
Health, Education and Welfare, Department of, Public Health Service, 800 North Quincy Street, Arlington, Virginia	19
Health, Education and Welfare, Department of, Public Health Service, Bethesda, Maryland (Grants) 19-21, 154-157, 274, 302, 393-395, 439-440, 518-519, 557-560, 667-670	
Health, Education and Welfare, Department of, Public Health Service, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland	661
Health, Education and Welfare, Department of, Public Health Service, Bureau of Health Manpower, 800 North Quincy Street, Arlington, Virginia	244
Health, Education and Welfare, Department of, Public Health Service, Bureau of Health Manpower, Division of Physician Manpower, Arlington, Virginia	18
Health, Education and Welfare, Department of, Public Health Service, Bureau of Health Services, Division of Community Health Services and Medical Care Administration, Arlington, Virginia	11
Health, Education and Welfare, Department of, Public Health Service, Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Radiological Health, Bethesda, Maryland	435
Health, Education and Welfare, Department of, Public Health Service, General Research Support Branch, Division of Research Facilities and Resources, Bethesda, Maryland	10
Health, Education and Welfare, Department of, Public Health Service, Health Services, Bethesda, Maryland	145
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research Development, Arlington, Virginia	663
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research and Development, Bethesda, Maryland	269
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Contracts) 10, 11, 142, 149, 266-267, 270	
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grant)	387
Health, Education and Welfare, Department of, Public Health Service, Industrial Health, Bureau of Disease Prevention and Environmental Control, Washington, D. C.	661
Health, Education and Welfare, Department of, Public Health Service, National Air Pollution Control Administration, Bethesda, Maryland	433, 434
Health, Education and Welfare, Department of, Public Health Service, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, Durham, North Carolina	659
Health, Education and Welfare, Department of, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland	518

Health, Education and Welfare, Department of, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Bethesda, Maryland	554
Health, Education and Welfare, Department of, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Chevy Chase, Maryland	435
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014 (Grants)	154, 439
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland (Research Foundation Contracts)	11, 12, 142, 147, 149, 298, 384
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland (Research Foundation Grant)	387
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Arlington, Virginia	236
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland	236
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Dental Research, Bethesda, Maryland	513, 663
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland (Research Foundation Contract)	266
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland (Research Foundation Grants) 387, 388, 437, 661	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts)	10, 144, 267, 658
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Grants) 300, 387, 433, 434, 513, 515, 553, 555, 662	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland (Research Foundation Contracts)	13, 142, 236-238, 268
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland (Research Foundation Grants) 299, 386-390, 434-436, 554, 661-663	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contracts)	147, 383
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Grants) 386, 388, 437, 514, 553, 555, 663	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland (Research Foundation Contracts) 144, 149, 237-239, 265, 267, 271	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland (Research Foundation Grants) 300, 387-390, 433, 436, 513-515, 661, 664	

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Contracts)	143, 267
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Grant)	434
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland	10
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland	513
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland (Research Foundation Contracts)	11, 236, 266, 271
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland (Research Foundation Grants)	386, 435, 513, 515, 662
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Blindness, Bethesda, Maryland (Research Foundation Contracts)	142, 144, 145, 270
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Blindness, Bethesda, Maryland (Research Foundation Grant)	554
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Grants)	391, 435, 436, 660, 664, 665
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland	148
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Mental Health Administration, Bethesda, Maryland	236
Health, Education and Welfare, Department of, Public Health Service, Office of Community Health Planning, Washington, D. C.	141
Health, Education and Welfare, Department of, Public Health Service, Office of Comprehensive Health Planning, Bethesda, Maryland	143
Health, Education and Welfare, Department of, Public Health Service, Special Research Resources Branch, Division of Research Facilities and Resources, Bethesda, Maryland	268
Health, Education and Welfare, Department of, Regional Office, 226 West Jackson Boulevard, Chicago, Illinois 60606 (Grants)	393, 394
Health, Education and Welfare, Department of, Regional Office, 433 West Van Buren Street, Chicago, Illinois 60607 (Grant)	393
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Washington, D. C. 20201 (Grants)	154, 155, 156, 392
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. (Grant)	21
Health, Education and Welfare, Department of, Social Security Administration, Washington, D. C. (Research Foundation Contract)	148
Health, Education and Welfare, Department of, Vocational Rehabilitation Administration, Washington, D. C. 20201 (Grants)	155, 156, 560
Health, Education and Welfare, Department of, Vocational Rehabilitation Administration, Washington, D. C. (Research Foundation Contract)	142

Health Laboratory Facility - Land Conveyance	173
Health Research, Inc., Roswell Park Division, Buffalo, New York	432
Heart Association of Eastern Ohio, Youngstown, Ohio	272, 301
Heart Holding Fund	159
Hebraica and Judaica Book Collection, Purchase of	31
Heer Foundation	405
Heimberger, William W. (Gift)	161
Heimberger, William W., and Helen Reese Heimberger Fund	161
Heisel, Eldred B. (Dr.) (Gift)	404
Heller, Walter E., & Company	164
Heller, Walter E., Fellowship	164
Henne, Albert L. (Mrs.) (Gift)	304
Henne, Albert L., Memorial Fund	304
Hercules Fund for Chemistry	246
Hercules, Incorporated, Wilmington, Delaware	246
Hiatt, Noel E. (Dr.) (Gift)	404
High, Charles F., Foundation (The)	276, 441, 560
High, Charles F., Foundation Scholarship Fund (The)	276, 441, 560
Highway Research Laboratory - Disposition of Building Structures	173
Hildreth Foundation, Inc. (The)	246
Hirsch, Irene D. (Gifts)	161, 278, 403, 561
History of Art, Division of the	259
Hollenbeck, Holzaepfel, Williams and Zartman (Drs.)	24
Holroyd and Myers	32
Holzapfel Construction Co., Gahanna, Ohio	249, 282
Home Economics, School of	407
Honorary Degrees	428, 656
Hopkins, James R., Fine Arts Center	506
Horticulture and Forestry Building - Partial Remodeling	168
Housing Report - Autumn Quarter, 1968	253
Howard, Jess, Electric Co., Columbus, Ohio	168, 527, 676
Hoyer, William B. (Gift)	562
Humanities Center - Foreign Languages Building	506
Humanities Center - Speech Theater	169
Hynite Corporation, Oak Creek, Wisconsin	15

I

Iddings, Andrew S. (Gift)	397
Iddings, Andrew S., Fund for College of Law	397
Illinois Institute of Technology Research Institute, Chicago, Illinois	16
Illuminating Engineering Research Institute, New York, New York	240
Industrial Engineering, Department of	281, 407
Industrial Sponsor	660
Industrial Technology Scholarship Fund	22, 670
Infectious Disease Research Fund	158, 403, 442, 560
Inland Steel - Ryerson Foundation Fellowship	278
Inland Steel - Ryerson Foundation, Inc.	278
Institute for Research in Vision	160
Interior, Department of, Washington, D. C.	383, 516-517
International Business Machines	160
International Business Machines Fellowship Fund	160
International Nickel Company of Canada, Ltd. (The)	246
International Nickel Company Fellowship Fund	246
Investigation of the Mechanism of Hypertension Fund	158
Irreducible Debt of State of Ohio	134

Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968	180
Issuance of \$3,000,000 Dormitory Revenue Notes, Series 1968	180

J

Jaeger, Fred F., Jr., Estate of	157
Jaeger, Fred F., Jr. Memorial Fund in Medicine	157
Jaeger, Fred F., Jr., Memorial Insurance Fund	281
Jelenko, J. R., & Company, Inc.	405
Jelenko, Jesse, Jr., Dental Student Loan Fund	405
Jelliffe, C. Gordon (Gift)	405
Joint Use Agreement - American Chemical Society	679
Jones Graduate Tower Swimming Pool	524, 528
Jones, Wilbur K., Foundation	164
Jones, Wilbur K., Student Aid Fund	164
Journalism, School of	519
Joyce, Glenna R., Scholarship Fund	275
Joyce, Glenna R., Trust under the Will of	275
Joyce Products Company	161
Justus, Henry A.	676

K

Kaiser Aluminum & Chemical Corporation, Newark, Ohio	671
Kaiser Aluminum & Chemical Corporation Fellowship and Scholarship Fund in the Department of Mechanical Engineering	671
Kaiser Aluminum & Chemical Corporation Scholarship Fund in the Depart- ment of Metallurgical Engineering	671
Keeler, E., Company, Baltimore, Ohio	283
Kennecott Copper Corporation	304
Kennecott Copper Corporation Fellowship in Metallurgical Engineering	304
Kennedy, Carol S. (Gift)	164
Kennedy, Carol S., Scholarship Fund	164
Kennedy, Helen C. (Miss), Estate of	22, 160
Kennedy, T. J., Family Fund	22, 160
Kent Foundation (The)	161
Kidd, Walter H. (Gift)	305
Kidd, Walter H., Engineering Discretionary Fund	305
Kistler, Charles R. (Dr.), Memorial Cancer Research Fund	279
Klein, Arthur, D.D.S. (Gift)	164
Knight, John S., Fund	405
Knowlton Construction Co.	677
Koffolt, Joseph H., Undergraduate Scholarship Award in Chemical Engi- neering	399
Korda and Associates	564
Koren, Albert T. (Gift)	398
Koren, Joseph and Margaret, Memorial Scholarship Fund	398
Kuempel Company (The), Columbus, Ohio	169, 249
Kurtz, Ralph W., Coshocton, Ohio (Gift)	303

L

Laboratory Animal Center	167, 524, 525
Laboratory Animal Facility	307

Laboratory Animal Facility - Easements and Agreements to Provide for Construction of a Water Line	447
Laboratory Animal Facility, Off-Site Utilities	675
Lahm, Grace Wolfe Kenson, Student Loan Fund	303
Lakeshore Equipment & Supply Company	247
Latin American Area Studies, Certificate Program in	427
Laundry - Phase II	166, 674
Law, College of, Award for Academic Excellence	161
Law, College of, Emergency Fund	280
Law, College of, Student Financial Aids Fund	404
Lawson, J. D., Kansas City, Missouri (Gift)	399
Lawson, Phillippe Reed (Dr.), Memorial Student Aid Fund	399
Lazarus, F. & R., Company (The)	280
Lazarus Store Foundation (The)	278
Lederle Laboratories	23, 403
LeFevre, Howard E. (Gift)	405
LeFevre, Howard E., and Catherine Bonner LeFevre Scholarship Fund	405
Lett, Donald J. (Gift)	303
Library Acquisition	427
Lickliger Foundation	405
Lickliger, Ralph S., Family Fund	405
Lieb-Jackson, Inc.	527
Lighting Improvements - 12th and 19th Avenues	410, 676
Lilly, Eli, and Company	23, 158, 303, 561
Lilly, Eli, and Company, Fund for Chemistry	23, 561
Lilly, Eli, and Company, Organic Chemistry Research Fund	303
Lima Campus	283
Lima Campus - Improvements to Entranceway	166, 168, 169
Lima Campus, Mumaugh Road	159
Lima Campus/O. S. U. Fund	245
Lima Campus - Phase II	674
Lima Technical Center	410
Limbach Company, Columbus, Ohio	282, 525, 677
Lincoln Electric Company	521
Lincoln Tower	36
Link Foundation (The)	672
Link Foundation Fund for the Department of Aviation	672
Littman, Harry S. (Gift)	405
Loop, Alan B. (Gift)	404
Lord Hall Remodeling	30, 249, 250
Love, Mary McGaughy (Mrs. John G.) (Gift)	405
Lubrizol Foundation (The)	22
Lubrizol Foundation Fellowship for Chemistry	22
Lubrizol Foundation Fund for Chemical Engineering	22
Lubrizol Foundation Scholarship Fund	22

M

Magnuson, Robert H. (Dr.) (Gift)	403
Main Library	31
Management Science	378
Manor Real Estate Company, Philadelphia, Pennsylvania	400
Mansfield Campus Scholarship Fund	277
Mansfield O. S. U. Scholarship Fund	277
Mansfield Technical Center, Mansfield, Ohio	411
Marable, Samuel A. (Dr.) (Gift)	671

Marathon Oil Foundation, Inc., Littleton, Colorado	280
Marching Band Fund	406
Marine Colloids, Inc., Springfield, New Jersey	151
Marion Branch Campus	409
Marion Campus	564
Marketing	378
Marketing Managers Computer Technology Research Fund in the College of Administrative Science - Marketing	671
Markle Foundation Surgery Research Fund	158
Markle, John and Mary R., Foundation	158
Markle, John and Mary R., Fund	158
Markus, Roy and Eva, Foundation, Inc.	277
Marquand, Carl B. (Gift)	405
Marquand, Carl B., Fund for Continuing Education Center	405
Martin, Harland T. (Gift)	404
Mason, Raymond E., Jr. (Gift)	278
Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts	16, 151
Master of Arts	544, 687
Master of Arts - History of Art	655
Master Plan	260
Master of Public Administration	544, 687
Master of Science	545
Master's Degree	546
McClure, Harold M., Jr. (Gift)	561
McConnell, M. Wilson, Coshocton, Ohio (Gift)	399, 442
McCracken Power Plant - Addition to Primary Distribution System	409, 527
McCracken Power Plant - Additional Boiler No. 9	167, 282
McCulloch, Samuel B., Memorial Fund	671
McDougal, Taine G., Somerset Bridge, Bermuda (Gift)	401
McDougal, Taine G., Engineering Professorship Endowment Fund	401
McNamara, Gertrude Saylor, Memorial Fund	405
McNamara, J. Paul (Gift)	405
McPherson Chemical Laboratory - Library Renovation	445, 679
Means Hall - Additional Patient Facilities	445
Means Hall, Remodeling of	306
Means Hall - Renovation of Electrical System	307, 445
Mechanical Engineer	259
Medical Complex	31, 169, 447, 564
Medicine, College of	303
Medicine, College of, Class of 1959 Fund	561
Medicine, College of - Emergency Fund	399
Medicine, College of, Expanded Computer Facilities	527
Medicine, College of, General Surgery Fund	162, 280
Meek, Thomas B., Sr. (Gift)	162
Men's Glee Club Fund	672
Mental Retardation Center	31
Merck and Co., Inc., Rahway, New Jersey	391
Merck & Company Research Fund in Thoracic Surgery	23
Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania	23
Mershon Auditorium - Interior Wall Restoration	248, 307
Metallurgical Engineering, Department of	407
Metallurgical Engineering, Department of, Equipment and Travel Fund	396
Metallurgy, Department of	396
Metzger, Arthur J. (Dr.) (Gift)	404
Meyer, A. L., Construction Company	678

Milheim Foundation, The Colorado National Bank, Denver, Colorado	15
Millard Foundation (The)	405
Miller, Albert M. (Mrs.)	279
Miller, Helen C., Student Aid Fund	279
Millikin Road	655
Minnesota Mining & Manufacturing Company	520
Minnesota Mining and Manufacturing Company Fellowship in Ceramic Engineering	520
Minnesota Mining and Manufacturing Company Scholarship in the College of Engineering	520
Modern Language Association of America, Center for Editions of American Authors, New York, New York	272, 665
Monks, W. E.	528
Montoney Heating and Piping Company	524
Morganstern, Elliott (Gift)	407
Morris Animal Foundation, Denver, Colorado	161, 303, 441
Morris, Mark L., Animal Foundation in the College of Veterinary Medicine	161, 303, 441
Morris, William T., Foundation, Inc.	162
Morris, William T., Foundation Scholarship in Welding Engineering	162
Moser, Julon (Mrs.) (Gift)	23
Murphy, Fred A. (Gift)	305
Music Scholarship Fund	23
Music, School of, Fund	560
Music, School of, Library	673

N

Named Professorships	507, 654
Naming of Buildings	6, 134, 260, 506
Naming of Street	655
National Academy of Engineering, Washington, D. C.	433
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Contracts)	146, 149, 237
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Grants)	300, 388, 434, 514, 554, 555, 664
National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama	13, 659
National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama 35812	396
National Aeronautics and Space Administration, Manned Spacecraft Center, General Research Procurement Branch, Houston, Texas (Research Foundation Contracts)	11, 147
National Aeronautics and Space Administration, Manned Spacecraft Center, General Research Procurement Branch, Houston, Texas (Research Foundation Grants)	554, 555
National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio	17
National Cash Register Company (The), Dayton, Ohio	671
National Corporation	563
National Foundation - March of Dimes, Columbus, Ohio	150
National Fund for Graduate Nursing Education, New York, New York	520
National Fund for Medical Education	22, 159, 303, 441, 671
National Fund for Medical Education Fund	159, 303, 441, 671
National Machinery Foundation Fund for Mechanical Engineering	400
National Machinery Foundation, Inc.	400, 560

National Science Foundation, Washington, D. C. (Grants)	19, 251, 302, 393-395, 518, 559
National Science Foundation, Washington, D. C. (Research Foundation Contracts)	11-14, 146-148, 150, 239-240, 268, 270-271
National Science Foundation, Washington, D. C. (Research Foundation Grants)	300, 389, 390, 436, 437, 556, 662-664
National Society of Professional Engineers, Washington, D. C.	17, 517, 666
National Steel Corporation, Weirton, West Virginia	400
National Steel Fellowship in Metallurgical Engineering	400
National Welding Supply Association	23
National Welding Supply Association Student Loan Fund in Welding Engineering	23
Nationwide Foundation	403
Nationwide Foundation Fellowship Fund for Industrial Engineering	403
Natural Resources, School of	165
Navy, Department of the, Naval Air Systems Command, Washington, D. C.	432
Navy, Department of, Office of Naval Research, Washington, D. C.	141, 266, 298, 382, 384, 431
Nesbitt, Hazel Zeller (Gift)	404
Nesbitt, Hugh E., Memorial Fund	404
Nestle Company, Inc.	158
Nestle Graduate Research Fund	158
New York Cancer Research Institute, Inc., New York, New York	665
Newark Campus	171, 260
Newark Campus - Parking Lot Surfacing	675
Newark Campus Scholarship Endowment Fund	246
Newark - O. S. U. Development Fund	246
Nicklaus, Jack W. (Gifts)	275, 304
NII Laboratory Furniture, Hicksville, New York	525
Nordholt, Clara L. E. (Mrs.), Estate of	22
Nordholt, J. B., Jr. (Gift)	403
Nordholt, James Shelby (Gift)	403
Nordholt, John B., Memorial Scholarship Fund	22, 403
North American Rockwell Corporation, Columbus, Ohio	301
North Central Breeders Research Council	304
North Central Breeders Research Council Fund	304
Northwestern Ohio Heart Association, Inc., Toledo, Ohio	152
Norton Company, Worcester, Massachusetts	403
Norton Fellowship in Refractories Engineering	403
Norton, Sarah R., Estate of	440
Norton, Sidney Augustus, Memorial Fund	440
Nugent, Elliott J. (Gift)	281

O

Obstetrics and Gynecology, Department of	441
Odontos Fund	404
Office of Civil Defense, Washington, D. C.	438
Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C.	553
Office of Civilian Defense Fellowship Fund	277
Office of Naval Research, Procuring Contracting Officer, Department of the Navy, Washington, D. C.	660
Ohio Board of Regents	34, 309, 687
Ohio Board of Regents, Columbus, Ohio	243
Ohio Contractors Association, Columbus, Ohio	400
Ohio Dairy Products Research Fund	164

Ohio Electric Utility Institute, Columbus, Ohio	276
Ohio Electric Utility Institute Fellowship Fund	276
Ohio Legal Center (The)	135
Ohio Lions Club	246
Ohio Lions Club Blindness Research Fund	246
Ohio Lions Eye Research Foundation	159
Ohio Lions Eye Research Fund	159
Ohio Lions Research Foundation	160
Ohio Lions Research Fund	159
Ohio Power Company	171
Ohio Society of Certified Public Accountants Foundation	406
Ohio Society of Certified Public Accountants Foundation Scholarship Fund	406
Ohio Stadium Repairs	563, 564
Ohio, State of, Department of Education, Columbus, Ohio	14
Ohio, State of, Department of Education, Division of Special Education	666
Ohio, State of, Department of Health	150, 153
Ohio, State of, Department of Highways, Columbus, Ohio	16, 17, 152, 243, 273, 385, 392, 438, 517, 556, 557
Ohio, State of, Department of Mental Hygiene and Correction	17
Ohio, State of, Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio	437
Ohio, State of, Department of Urban Affairs	438
Ohio, State of, Division of Vocational Education	18
Ohio State University Budgets (The)	650, 652
Ohio State University College of Medicine Ophthalmologic Center (The)	23, 162, 397, 402, 403, 405, 406
Ohio State University Development Fund (The)	25, 165, 248, 282, 305, 407, 408, 443, 522, 562, 674
Ohio State University Dormitory Revenue Bonds (The)	187
Ohio State University Dormitory Revenue Note, Series 1968 (The)	229
Ohio State University Libraries (The)	407
Ohio State University/Lima Campus Sustaining Committee (The)	245
Ohio State University (The) - Newark Campus	246
Ohio State University Parking System Revenue Note, Series 1969 (The)	694
Ohio State University Research Foundation (The)	654
Ohio State University Scholarship Fund (The)	23
Ohio Turfgrass Foundation, Columbus, Ohio	520
Ohio Turfgrass Scholarship Fund	520
Ohio Union	2
Ohsner, Clarence "Red" S. (Gift)	406
Oman, Galen F. (Gifts)	164
Open Housing	452, 508, 542, 573
Operation Eye Research Fund	405
Operator Training Committee of Ohio (The), Mahoning Valley Sanitary District, Youngstown, Ohio	153
Ophthalmology Teaching Fund	278, 304, 397
Optometry, College of	165
Orton, Edward, Jr., Ceramic Foundation (The)	160
Ottawa Club Fund	162, 403
Overstreet, James W., Columbus, Ohio (Gift)	560
Owens-Corning Fiberglas Ceramic Mineralogy Fund in the Department of Mineralogy	520
Owens-Corning Fiberglas Corporation, Newark, Ohio	404, 407, 520
Owens-Corning Fiberglas Engineering Scholarship Fund	404
Owens-Illinois Fellowship in Ceramic Engineering	276, 561

Owens-Illinois, Inc., Toledo, Ohio	276, 561
Owens-Illinois Scholarship Fund	276

P

Pace, William G., III (Dr.) (Gifts)	162, 280
Parking Lots, Visitor Lots and Garages	172
Parking Meter Rate Increase	528
Parking Ramp - Arps Hall Area	166
Parking System Revenue Notes, Series 1969	688
Patrick, L. R., Inc.	249
Patton, Arline and Thomas, Foundation	402, 562
Patton, Thomas F., Fund for College of Law	402
Payne Fund Communications Project	441
Payne Fund, Inc., Cleveland Ohio	441
Paynter, John W. (Gift)	400
Paynter, John W., and Elizabeth Williams Paynter Scholarship Fund	400, 442
Payt Construction Company	524
Pedestrian Bridge Over Olentangy River and Olentangy River Road	283, 306, 446
Pence Electric Company	526
Peppe, Michael - Carl Wirthwein Scholarship Fund	164
Perry, Claude S. (Dr.) (Gift)	406
Petroleum Engineering Fund	161
Pfahl, John K. (Gift)	162
Pfizer, Charles, & Company, Inc.	403, 442, 560
Pharmaceutical Manufacturers Association Foundation, Inc.	158
Pharmaceutical Research Fund	160
Pharmacy Building	409
Phillips Petroleum Company	402
Phillips Petroleum Company Fellowship Fund	402
Physics and Astronomy Building	408
Physics Building	6
Piping Contractors Co., Columbus, Ohio	168, 249
Plans and Specifications	30, 31, 166, 167, 248, 306, 409, 410, 444, 445, 523, 524, 563, 675
Plant Funds	28
PMA Foundation Fellowship Fund	158
Poindexter, J. B., Jr., D.D.S. (Gift)	406
Policy Governing Residency Status of Students	5
Pomerene, Frank E. and Mary W., Professorship	654
Pomerene, Mary W., Estate of	440, 670
Pomerene, Mary W. and Frank E., Memorial Fund	440, 521, 654, 670
Portage County Branch, Akron District Heart Association, Akron, Ohio	516
Porthouse, C. R., Charitable Trust	399
Postle, Wendell D., D.D.S. (Gift)	404
Postle, Wendell D. and Helen R., Loan Fund	164
Power of Attorney - Customs	170
Power, Donald C. (Gift)	406
Power, Donald C., Fund for the College of Law	406
Price Waterhouse & Co., New York, New York	15
Pride, Frederick W. R. (Gift)	280
Primary Electric Line Relocation	680
Procter & Gamble Company, Cincinnati, Ohio (Gifts)	160, 406, 671
Procter & Gamble Company, Cincinnati, Ohio (Research Foundation Contracts)	15, 151
Procter & Gamble Fellowship Fund in Chemical Engineering	160

Procter & Gamble Graduate Research Fund in the Department of Dairy Technology	671
Procurement Division, Aberdeen Proving Ground, Maryland	660
Programmed Education, Inc.	406
Psychiatry, Department of	305
Public Administration	544
Public Administration Service, Chicago, Illinois	20

R

Ralph and Curl	412, 447
Raytheon Company, Missile Systems Division, Bedford, Massachusetts	242
Reaction Dynamics, Inc., Chicago, Illinois	386, 512
Reckless Canada and Puerto Rico Research Fund	161, 278
Reco Electric Co., Columbus, Ohio	169, 249, 250
Reed, Myron S. (Dr.) (Gift)	280
Reed, Myron S., Fund for Veterinary Medicine	280
Reese, Everett D. (Gift)	396
Reese, Everett D., Chair of Banking and Monetary Economics	396
Reese, Everett D., Scholarship and Loan Fund	561
Regents of the University of Wisconsin, Madison, Wisconsin (Research Foundation Contracts)	150, 271, 385-386, 432, 512
Regents of the University of Wisconsin, Madison, Wisconsin (Research Foundation Grant)	665
Remodeling of Tuberculosis Hospital (Means Hall)	306, 525, 526
Report on Highlights of Campus Activities	185, 253, 309
Report on the University's Investment Portfolio 40, 179, 254, 289, 310, 418, 452, 530, 566, 693	
Republic Steel Corporation Educational and Charitable Trust, Cleveland, Ohio	441
Research Center - Alterations to Area 200	675
Residence Hall Associations	2
Resler Foundation	562
Restaurant Industry Fund	25
Richardson Foundation Fund	22
Richardson Foundation, Inc. (The), Greensboro, North Carolina	22
Riley, James R., Columbus, Ohio (Gift)	404
Riley, James R., Professorship of Marketing and Logistics	429
Riley, James R., Professorship of Transportation and Business Logistics 303, 404, 429	
Ripley, Lowell E. and Floa M. (Purchase of Property)	680
River Union and Drama Facilities	169, 170, 445
Robins, A. H., Company, Inc., Richmond, Virginia	151, 304
Rockefeller Foundation (The), New York, New York	246
Roessler, Anna, Trust under the Will of 23, 157, 245, 275, 396, 442, 520, 561, 671	
Roessler, Samuel J., Memorial Medical Scholarship Fund 23, 157, 245, 275, 396, 442, 520, 561, 671	
Rohm and Haas Company	160
Rohm and Haas Scholarship in the Department of Chemical Engineering	160
Roof Repairs for Administration Building, Derby Hall, Mendenhall Laboratory	166, 282
Rose Bowl Ticket Sales	310
Rosenstiel, Dorothy H. and David J., Memorial Fund	396, 673
Rosenstiel, Dorothy H. and Lewis, Foundation	396, 673
Ross, Ed, Construction Co.	678

Ross Laboratories, Columbus, Ohio	670
Ross Laboratories Graduate Research Fund	670
Ross Laboratories Graduate Research Fund in Dairy Foods Microbiology	670
Ross, Richard M. (Gifts)	164
Rothbauer, Jean B. (Mrs.), West Mifflin, Pennsylvania (Gift).	279
Royalties	443, 522
<u>Rules for the University Faculty</u>	4, 38, 263, 426, 542, 546, 586-590, 655, 697

S

Saginaw Board of Education, Saginaw, Michigan	243
Salter, Herbert W. (Dr.) (Gift)	303
Salter, Herbert W., Fund for Family Medical Care	303
Sawtell, Edmond R., Estate of	165
Sayre Charitable Fund of the Columbus Foundation	520
Scarlett, Henry L. (Gift)	22
Scarlett, Henry L., Fund	22
Schering Corporation, Union New Jersey	520
Schering Corporation Allergy Research Fund	23, 403
Schiff, Herbert H. (Gift)	521
Schmidt, Henry G. (Gifts)	162, 403
Schooler, Seward D., Coshocton, Ohio (Gift)	442
Schramm, Elizabeth, Estate of (Gift)	158
Schramm, Parley and Elizabeth, Loan Fund	158
Schweiger, John M., & Associates	527
Scott, Dorothy D., Scholarship Fund	159
Searle, G. D., & Company	24, 158, 303, 441, 671
Searle, G. D., & Company, Research Fund	158
Searle, G. D., & Company, Research in Medicine Fund	24, 303, 441, 671
Sears-Roebuck Foundation (The), Skokie, Illinois	163, 277
Sears-Roebuck Scholarship - Retailing	163
Seelbach, Charles L. (Gift)	401
Seelbach Family Fund	401
Seely, Howard (Dr.) (Gifts)	24, 561
Seely, Howard (Mrs.) (Gifts)	24, 561
Self-Medication Study Fund in the College of Pharmacy	399, 520
Senior Class Memorial Scholarship Fund, 1968	162
Setterlin, Ralph F., Sr., Fund	406
Setterlin, Robert W., & Sons Company	406
Shell Companies Foundation Fellowship Fund in Chemical Engineering	303
Shell Companies Foundation Fellowship Fund in Mechanical Engineering	303
Shell Companies Foundation, Inc., New York, New York	303
Shell Oil Company	283
Shepard, Arthur E. (Gift)	304
Shield, Vance I., Jr., Memorial Scholarship Fund	302
Shoe Corporation of America Student Loan Fund	521
Shustick, Geo., & Sons, Columbus, Ohio	282
Sirak, Howard D. (Dr.) (Gift)	159
Slag Attack Research Fund	404
Sloan, Alfred P., Foundation, New York, New York	520
Sloan Foundation Scholarship Fund	520
Smith, A. W., Laboratory of Physics	6, 134
Smith, Alpheus, Laboratory of Physics	134
Smith, Kline & French Foundation, Philadelphia, Pennsylvania	246
Smith, Kline & French Laboratories, Philadelphia, Pennsylvania	561
Smith and Schaefer, Inc., Cincinnati, Ohio	168

Solomon Family Memorial Fund	23
Solomon, Julius F. (Gift)	23
Special Fund for Business Education Program in the College of Administrative Science	278
Special Reserve Fund	161
Speech, Department of, Area of Speech and Hearing Science, The Ohio State University	153
Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois	400
Stanley, Lawrence D. (Gifts)	520, 561
Stanley, Lawrence D., Fund for College of Law	520
Starling-Loving Hall, Renovation of Fourth Floor "B" Wing	444, 678
State Library Board, Columbus, Ohio	670
States Electric	677
Stauffer Chemical Company Chemistry Fellowship	161
Stauffer Chemical Company Foundation	161
Steele, Donald V., Estate of, Washington, D. C.	159
Steffel, Victor L. and Marie M., Student Loan Fund	164
Stephenson, Hazel L., Estate of	396
Stokely-Van Camp, Inc., Indianapolis, Indiana	300
Storer, Nell W., Estate of, Syracuse, New York	560
Street Repairs for 1968	167
Stress Relief Engineering, Inc., Costa Mesa, California	305
Strong, Lyman J., Lima, Ohio	410
Student Athlete Grant-in-Aid Fund 161, 246, 278, 305, 405,	562
Student Health Facility	506
Student Insurance Program	681
Suburban Motor Freight, Inc.	303
Summer Enrollment	40
Supplemental Retirement Benefits	250
Symbol for Centennial Celebration of The Ohio State University	261
Systems Engineering - Area 480 Computer Facility	448
Systems Engineering Group, Aeronautical Systems Division, Wright- Patterson Air Force Base, Ohio 145, 268,	552
Systems Engineering Group, Research and Technology Division, Wright- Patterson Air Force Base, Ohio	143

T

Taylor, Charles, Sons Company, Cincinnati, Ohio	153
Taylor, Robert F. (Gift)	672
Tektronix Ceramic Fellowship Fund	304
Tektronix Foundation, Beaverton, Oregon	304
Telephone Exchange - Expansion of Service 529, 564,	678
Tennessee Copper Company, Copperhill, Tennessee	243
Thompson, Francis and Louise, '06 Fund	274
Thompson, Francis M., Bequest under the Will of	274
Thompson, Ronald W. (Gift)	304
Thompson, Ronald W., Fund for Engineering	304
Thurber, James (Mrs.) (Gift)	407
Thurber, James, Memorial Fund 162,	303
Tibbals, Crumley and Musson	170
Tilton, Earl M., Professorship in Mechanical Metallurgy 246, 403,	561
Timken Roller Bearing Company, Canton, Ohio	666
Tommy's Pizza, Inc.	172
Townsend, James E. (Gift)	562
Townsend, James E. (Mrs.) (Patricia Gibson Townsend) (Gift)	562

Transfers	25, 28
Transportation, Department of, Federal Railroad Administration, Washington, D. C.	269
Transportation Research Center	529
TRW Foundation, Cleveland, Ohio	403
TRW Foundation Fund - Welding Engineering	403
Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio	151
Tweed & Eriksson	283

U

Undergraduate Agriculture Scholarship Fund	277
Underground Duct System - Twelfth Avenue	523
Underground Electric Line Easement to Provide for Additional Electricity to the Main Campus	448
Unico Heights Land Company	564
Union Carbide Company Scholarship Fund	23
Union Carbide Corporation	23, 160
Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering	160
Union Carbide Corporation, Linde Division	160
Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee	386
Union Carbide Fellowship - Welding Engineering	23, 160
United Engineering Trustees, Inc., New York, New York	673
United Health Foundation of Central Stark County	23, 246, 561
United Health Foundation, Inc., New York, New York	23, 246, 516, 561, 665
U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	269
U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia	270, 515
U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio 13, 268, 299, 383-385, 511, 659	13, 268, 299, 383-385, 511, 659
U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio	149
U. S. Air Force, Rome Air Development Center, Griffiss Air Force Base, New York	299, 512, 658
U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky	382, 431
U. S. Army, Defense Supply Service, Washington, D. C.	146
U. S. Army, Harry Diamond Laboratories, Washington, D. C.	431
U. S. Army, Medical Research and Development Command, Office of the Surgeon General, Washington, D. C.	13, 269
U. S. Army Missile Command, Redstone Arsenal, Alabama	383
U. S. Army Mobility Equipment Research and Development Center, Fort Belvoir, Virginia	145
U. S. Army Research Office - Durham, Durham, North Carolina 383, 384, 511, 555	383, 384, 511, 555
U. S. Atomic Energy Commission, Washington, D. C. (Grants)	518, 519
U. S. Atomic Energy Commission, Argonne, Illinois (Research Foundation Contracts)	10, 298, 382-384, 431, 511, 552-553, 659
U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Washington, D. C.	512
U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. 20250	393

U. S. Department of Interior, Washington, D. C.	152-153
U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C.	12, 141, 267
U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C.	143
U. S. Department of Interior, Office of Water Resources Research, Washington, D. C.	153
U. S. Office of Education, Washington, D. C.	389, 663
University of Alabama, Huntsville Campus, Huntsville, Alabama 35807	396
University College - Building No. 3	523
University College - Building No. 4	31
University Grange	163
University Grange Fellowship Fund	163
University Hall	37
University Hospital, Remodel Intensive Care - Recovery Rooms	412, 444
University Hospital, Renovation of Mechanical System in Central Service Areas	444
University Hospitals	653
University of Illinois, Urbana, Illinois	301
University of Kansas, Engineering Science Division, Center for Research, Inc., Lawrence, Kansas	15, 433
University Libraries	281
University Music Organizations, Columbus, Ohio	23
University Relations Discretionary Fund	246
University School Building Renovation	523
Upham Hall Remodeling	166

V

Van de Graaff Laboratory Addition	674
Veterinary Medicine, College of	303, 449, 561
Veterinary Medicine, College of - Dean's Education and Research Fund	246
Vice President for University Development	7, 263
Vick Chemical Company, Philadelphia, Pennsylvania	399

W

Walker Machinery Company	247
Wallace, William R. (Dr.) (Gift)	406
Waller & Lund, Inc.	678
Warren-Teed Pharmaceutical, Inc.	160
Washburn, Grace High, Trust (The)	277, 441, 560
Washburn, Grace High, Trust Scholarship Fund (The)	277, 441, 560
Welding Engineering, Department of	247, 406, 521
Welding Engineering Laboratories	134
Werkman Charitable Trust	163
Werkman, John D., South American Fund	163
Wesley-Jessem Plastic Contact Lens Company	165
West Substation Transfer	409, 526
Westwater, William K. (Gift)	404
Wherley, Harold F., M. D. (Gift)	406
WHO International Reference Center	303
Wilce, John W., Student Health Center	506
Will, E. J., & Company	406
Williams, H. A., and Associates	307
Williams, Harry E., Estate of	670

Williams, Harry E., Fund	670
Wilson, Woodrow, National Fellowship Foundation	23
Wilson, Woodrow, National Fellowship Foundation Fund	23
Winter, Chester C. (Dr.) (Gift)	442
Withdrawal from Dividend Reserve on Group Life Insurance	412
Wodecroft Foundation	406
Woelfel, Julian B. (Dr.) (Gift)	280
Wollard Aircraft Service Equipment Company, Miami, Florida	273
Wood, LeVelle, Development Fund	25
World Health Organization, Geneva, Switzerland	303

Y

Yassenoff, Leo, Scholarship Fund	161
Yassenoff, Milton R., Estate of	161
Young, Arthur, Professorship of Accounting	507

Z

Zacks Foundation	305
Zaugg, Thomas Gene, and Associates, Mansfield, Ohio	411
Zeller, Max J., Columbus, Ohio	167
Zieg, Harold F. (Gift)	281
Zinn, James Harvey, Memorial Loan Foundation	403
Zuck, Emerson S. and Lucy J., Fund	304
Zuck, Emerson S., Trust under the Will of	304

I	Amendments to <u>Rules for the University Faculty</u> . . .	43
II	Degrees Conferred at The Ohio State University Commencement Convocation - August 30, 1968 . . .	47
III	Degrees Conferred at The Ohio State University Commencement Convocation - December 14, 1968 . . .	311
IV	Revision of Rules 21.07 and 29.2709 of <u>Rules for the University Faculty</u>	453
V	Degrees Conferred at The Ohio State University Commencement Convocation - March 15, 1969 . . .	459
VI	New Section to <u>Rules for the University Faculty</u> -- 55.00. Open Housing. Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07 and 55.08 . . .	531
VII	Attorney General's Opinion Pertaining to New Section to <u>Rules for the University Faculty</u> --55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04 55.05, 55.06, 55.07, 55.08 and 55.09) . . .	571
VIII	Degrees Conferred at The Ohio State University Commencement Convocation - June 7, 1969 . . .	591
IX	Revision of Rule 29.2705 and Addition of a New Rule 29.2729 to <u>Rules for the University Faculty</u> . . .	697

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

COLUMBUS

July 1, 1969 to June 30, 1970

1969 – 1970

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

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	<i>Term Beginning</i>	<i>Term Expiring</i>
JACK G. GIBBS, ¹ Columbus	May 5, 1969	May 13, 1970
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FREDERICK E. JONES, ² Columbus	October 18, 1963	May 13, 1972
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JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977
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¹ Appointed to fill unexpired term of Bertram D. Thomas ; resigned April 8, 1969.

² Resigned June 22, 1970.

³ Appointed to fill unexpired term of Mervin B. France ; resigned April 4, 1969.

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 31, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, July 31, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and John W. Bricker.

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Minutes of the last meeting were approved.

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July 31, 1969 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Supplemental Action on the Budgets for the 1969-70 Fiscal Year

At the meeting of the Board of Trustees in June, a budget for the fiscal year 1969-70 was approved in the amount of \$188,063,338. To support this level of expenditure, revenues from State subsidies and increases in the present level of student tuition and fees will be required in the amount of \$58,858,100. Since the last Board meeting, the General Assembly through Senate Bill 297 has taken under consideration additional mandatory salary increases for all classified State employees. The increments currently under discussion will require additional revenue during the biennium to support such increases for the employees of this University.

While neither this act nor the appropriations act which will provide the subsidy for this current year have been enacted into law, it is essential that student fee and tuition levels for this current year be established at this time so that the registration process may begin without delaying the starting date of Autumn Quarter. Accordingly, contingent upon favorable action by the General Assembly on Amended Substitute House Bill 531 (the Education Appropriation Act) and Senate Bill 297 as presently amended (mandatory pay increase for State classified personnel), President Fawcett recommended that the following student fees and tuition be established for this University effective with the Autumn Quarter, 1969:

1. That the Instructional Fee (formerly known as the Instructional and General Fee) for The Ohio State University be increased \$25 per quarter for the main campus and \$5 per quarter for the University branches.
2. That the General Fee (formerly known as the Student Services Fee) for The Ohio State University be increased \$5 per quarter for the main campus and remain the same as it is now at the University branches.
3. That the Tuition Fee (out-of-state student surcharge) for The Ohio State University be increased \$150 per quarter for both the main campus and the University branches.
4. That the part-time students (those enrolled for six or less credit hours or enrolled for one term of a Summer Quarter) be assessed one-half of the full fees for both the main campus and the University branches.*

*All fees to be assessed at next even dollar amount.

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

Schedule of Student Fees, Effective Autumn Quarter, 1969

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$170	\$30	\$200	\$350	\$550
Agriculture and Home Economics	170	30	200	350	550
Arts and Sciences					
The Arts	170	30	200	350	550
Biological Sciences	170	30	200	350	550
Humanities	170	30	200	350	550
Mathematics and Physical Sciences	170	30	200	350	550
Social and Behavioral Sciences	170	30	200	350	550
Education	170	30	200	350	550
Engineering	170	30	200	350	550
Graduate School	170	30	200	350	550
Dentistry	290	30	320	350	670
Dental Hygiene and Dental Laboratory Technology	218	30	248	350	598
Law*	205	30	235	350	585
Medicine**	310	30	340	350	690
School of Allied Medical Professions	170	30	200	350	550
School of Nursing	170	30	200	350	550
Optometry	208	30	238	350	588
Pharmacy	176	30	206	350	556
Veterinary Medicine	210	30	240	350	590
University College	170	30	200	350	550
University Branches	150	25	175	350	525

*Includes an additional \$7.00 Law Library Fee.

**Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth-year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1969-70 academic year shall be \$1,020.00 for resident students and \$2,070.00 for non-resident students.

Part-time students (those enrolled for six or less credit hours or enrolled for one term of a Summer Quarter), 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.

All other fees previously approved by the Board of Trustees shall remain unchanged.

I. GENERAL RECOMMENDATIONS (continued)

B. Residence Hall Room and Board Rates

Pursuant to Section 8 of the Bond Resolution adopted April 8, 1957, by the Board of Trustees of The Ohio State University, the University and its Board of Trustees covenanted to adopt and maintain, so long as any of the bonds authorized by the Bond Resolution were outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from the residence hall facilities as will pay the cost of maintenance and operation and provide for the payment of principal and interest on the bonds and other payment to special funds required by Section 9 of the Bond Resolution.

Because of the necessity to maintain salary levels for nonclassified personnel equivalent to salary levels for State employees in the classified service mandated by the 108th General Assembly, and because of the substantial increases in costs of materials, supplies, food and contract services, it is necessary to adjust the residence hall rates.

Accordingly, President Fawcett recommended that contingent upon passage of Senate Bill 297 at the currently proposed increased salary levels, effective Autumn Quarter, 1969, the schedule of rates for all residence halls included in the Bond Resolution referred to above be as follows:

For all students whose continuous residence is six quarters or less	\$335.00 per quarter
Beginning with the seventh quarter and continuing through the ninth quarter of continuous residence	\$325.00 per quarter
Beginning with the tenth quarter of continuous residence	\$316.00 per quarter
For students residing in the Stadium Scholarship Dormitory	\$155.00 per quarter
For students residing in the Jones Graduate Tower	
For single room and meals	\$384.00 per quarter
For single room only	\$195.00 per quarter
For double room and meals	\$354.00 per quarter
For double room only	\$165.00 per quarter

July 31, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Residence Hall Room and Board Rates (continued)

It was recommended further that the University administration be authorized to establish the official rates for those residence halls not included in the Bond Resolution and less than quarterly rates for residence halls in general conformity with the schedule of rates as established in the foregoing.

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

C. Adoption of an Official Shield for The Ohio State University Hospitals

The staff of the University Hospitals has incorporated into the "Constitution, Bylaws, Rules and Regulations of the Medical Staff of The Ohio State University Hospitals" a shield for the University Hospitals. Dr. Meiling advises that all the large teaching hospitals in this country and overseas utilize shields as emblems of tradition, prestige, culture and character of the organization. The shield of the University Hospitals will be used as a shoulder patch on the uniform coats of the staff members other than the physicians. The physicians will have on their coats, as they do now, the shield of the College of Medicine. The shield will be used also on the stationery.

President Fawcett recommended therefore that the Board of Trustees approve the proposed shield as submitted by the Dean of the College of Medicine and further that the original copy of such shield be filed with the official records of the University.

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

D. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the August 29, 1969 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.

John B. Fullen
James R. Hull
Thomas B. Meek
Delbert Oberteuffer
Dorothy D. Scott

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

July 31, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on August 29, 1969, 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 105.)

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

F. Proposal for Revised Curriculum Leading to the Degree of Bachelor of Science in Landscape Architecture

The Faculty Council on June 3, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that a revised curriculum leading to the degree, Bachelor of Science in Landscape Architecture, be approved, effective Autumn Quarter, 1969.

The proposal requested that the present five-year program in the School of Architecture be replaced with a four-year program leading to the degree, Bachelor of Science in Landscape Architecture.

As a result of intensive studies conducted by the Committee on Education of the American Society of Landscape Architects and by the National Conference on Instruction in Landscape Architecture, dynamic changes in the professional practice of landscape architecture are being reflected in new goals of collegiate education. The recommended pattern involves establishment of the Master of Landscape Architecture as the first professional degree. A two-year program of graduate study, preceded by a four-year program leading to the degree, Bachelor of Science in Landscape Architecture, has approximately the same relation to current professional demands as did the five-year undergraduate program only a few years ago.

President Fawcett recommended that the above proposal for revising the curriculum in the School of Architecture and the degree, Bachelor of Science in Landscape Architecture, be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Bricker, the above recommendation was approved by unanimous voice vote.

G. Master of Science Degree Program in the School of Natural Resources

The Faculty Council on June 3, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that a Master of Science program in Natural Resources be offered through the School of Natural Resources, effective Autumn Quarter, 1969.

July 31, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Master of Science Degree Program in the School of Natural Resources
(continued)

The basic objective of the program leading to the Master of Science degree will be to provide in-depth understanding of the relevant natural, social and management sciences in their application to solving real life natural resources problems and to the methods available to achieve optimum resource management in an integrated manner.

The program will be designed primarily for the student who has substantive undergraduate preparation in a natural resources field or in a discipline which underpins specialization in a natural resources field, or who has significant employment experience in a resource management field following undergraduate education.

President Fawcett recommended that the above proposal be approved.

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

H. Establishment of the John W. Bricker
Professorship in the College of Law

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 "John W. Bricker Professorship" be established at The Ohio State University.

A group of friends of John W. Bricker on the occasion of Mr. Bricker's 74th birthday, proposed that a "Named Professorship" be established to honor the former United States Senator and former Governor of Ohio. Senator Bricker received his B. A. degree in 1916 and his LL. B. degree in 1920 (changed to J. D. degree by Board action on March 9, 1967) from The Ohio State University. He has been the recipient of 13 honorary degrees including the LL. D. degree from Ohio State in 1939. He has served continuously on the Board of Trustees since 1948. A committee was formed to solicit funds for the endowment account which would provide income to secure the services of an outstanding scholar for a professorship in the College of Law.

To date \$110,744.10 has been pledged for this professorship and \$82,492.43 has been received through The Ohio State University Development Fund. As soon as \$125,000.00 has been received in this endowment account, this professorship will be activated and a search will be inaugurated to secure a nationally known individual to fill this position.

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

Mr. Bricker stated "I am deeply grateful. I'd rather have my name attached to this than anything I can think of."

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July 31, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that the following Resignations and Promotions and Realignment of Responsibilities be approved:

A. Resignations

President Fawcett said

Dr. John E. Corbally, Jr., Vice President for Academic Affairs and Provost, will assume duties as President and Chancellor of Syracuse University on September 1, 1969.

Dr. Corbally has had an exemplary career at Ohio State, coming as an Assistant Professor of Education in 1955 and advancing to full Professor with service as Director of the Personnel Budget, Executive Assistant to the President, Vice President for Administration and Vice President for Academic Affairs and Provost. He has served ably and well, and we wish him every success at Syracuse.

Ivan C. Rutledge will resign from the Deanship of the College of Law as soon as a successor is found. Dean Rutledge has asked to be relieved of his duties as Dean so that he can return to full-time teaching. He joined the faculty at Ohio State in 1963 and was appointed Dean in 1965.

B. Promotions and Realignment of Responsibilities

James A. Robinson now Mershon Professor, Department of Political Science, and Director, Mershon Center for Education in National Security, be promoted to Vice President for Academic Affairs and Provost, effective September 1, 1969, at a salary of \$33,528.00 per annum. Dr. Robinson will continue as Director, Mershon Center for Education in National Security, at No Salary and will hold a Professorship in the Department of Political Science at No Salary.

The President recommended the following changes in line with an established policy to continually re-evaluate the administrative structure and to make such modifications as are required to effect efficiency in the management of the administrative concerns of the University:

Edward Q. Moulton now Executive Assistant to the President and Secretary of the Board of Trustees be promoted to Vice President for Administrative Operations and Secretary of the Board of Trustees, effective September 1, 1969, at a combined salary of \$31,248.00 per annum. Dr. Moulton will continue to hold a Professorship in the Department of Civil Engineering at No Salary.

II. PERSONNEL CHANGES (continued)

B. Promotions and Realignment of Responsibilities (continued)

Ronald W. Brady now Associate Provost and Director of University Budgets promoted to Executive Assistant to the President and Director of University Budgets, effective September 1, 1969, at a salary of \$28,488.00 per annum. Dr. Brady will hold a Professorship in the Division of Public Administration at No Salary.

Upon motion of Mr. Safford, seconded by Mr. Gibbs, the Board of Trustees by unanimous roll call vote approved the foregoing resignations; the appointment of the Vice President for Academic Affairs and Provost; the establishment of the position, Vice President for Administrative Operations, and the appointment to fill said position; and the promotion to fill the position of Executive Assistant to the President and Director of University Budgets.

C. Addition of Rules 11.09 and 11.1102 to Rules for the University Faculty

Pursuant to the foregoing recommendations for the realignment of duties of the Executive Assistant to the President and Director of University Budgets and the creation of the position of Vice President for Administrative Operations and Secretary of the Board of Trustees, President Fawcett recommended that the following additions be made to the Rules for the University Faculty:

11.09. Executive Assistant to the President and Director of University Budgets.*

Section 1. The Executive Assistant to the President and Director of University Budgets shall be a staff officer and member of the General Administration Division of the University.

Section 2. The major area of responsibility and authority of the Executive Assistant to the President and Director of University Budgets shall be for University budgets, administrative research, data processing and management and information studies and systems. Without limiting the generality of the foregoing, the Executive Assistant to the President and Director of University Budgets shall, under the direction of the President, be responsible and have the necessary authority for: preparing for submission to the President the annual and other University budgets to be made in consultation with the Vice President for Academic Affairs and Provost, the Vice President for Administrative Operations and such other Vice Presidents as appropriate; coordinating all administrative research including the development of official institutional studies and questionnaires; operating the University data processing division, and developing and implementing University management and information studies and systems.

*Rule initiated by Board of Trustees.

July 31, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Addition of Rules 11.09 and 11.1102 to Rules for the University Faculty
(continued)

11.1102. Vice President for Administrative Operations
and Secretary of the Board of Trustees.*

Section 1. The Vice President for Administrative Operations and Secretary of the Board of Trustees shall serve as chief operating administrator (all nonacademic functions) and as chief of staff for the President of the University.

Section 2. The major area of responsibility and authority of the Vice President for Administrative Operations and Secretary of the Board of Trustees shall be that of general administration of 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 necessary authority for: coordinating the general administration of the University (all nonacademic functions); executing University staff functions; coordinating of and serving as Secretary to the President's Cabinet and the Administrative Council; developing and implementing campus planning, and service as Secretary of the Board of Trustees.

Section 3. The Director of Campus Planning shall be an administrative officer within the Office of the Vice President for Administrative Operations and Secretary of the Board of Trustees.

*Rule initiated by Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees by unanimous roll call vote adopted Rule 11.09 for the realignment of duties for the position of Executive Assistant to the President and Director of University Budgets and Rule 11.1102 which establishes the position of Vice President for Administrative Operations and Secretary of the Board of Trustees. The Secretary of the Board of Trustees was further instructed and given authority to make editorial and other necessary changes in the Rules for the University Faculty, including numbering and realignment of functions consistent with the above Rules hereby adopted.

In addition to the foregoing personnel recommendations, President Fawcett recommended that all personnel changes since the June 12, 1969 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following additional faculty Appointments, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

July 31, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Appointments

Louis L. Bailin, Professor, Department of Electrical Engineering, effective July 1, 1969, at a salary of \$27,288.00 per annum.

Ivan Boh, Professor, Department of Philosophy, effective October 1, 1969, at a salary of \$16,848.00 per annum.

Goodwin F. Berquist, Professor, Department of Speech, effective October 1, 1969, at a salary of \$18,528.00 per annum.

E. Promotion

Charles W. Hoffmann from Professor in the Department of German to Professor in and Chairman of the Department of German, effective October 1, 1969, at a salary of \$19,008.00 per annum.

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:

Melville L. Palmer, Associate Professor (Extension Agricultural Engineer), Cooperative Extension Service, effective September 16, 1969 through June 30, 1970, to participate in a program of professional improvement at the University of Wisconsin.

G. Leaves of Absence Without Salary

Dale W. Adams, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1969 through August 31, 1969, to work as a Staff Economist in the Office of Program and Policy Coordination, AID, State Department, Washington, D. C.

Geraldine G. Price, Associate Professor, School of Nursing, effective July 20, 1969 through September 14, 1969, for personal reasons.

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective July 1, 1969 through June 30, 1970, to continue work on an advanced degree in the field of geodetic science.

July 31, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Leaves of Absence Without Salary (continued)

Robert A. Buerki, Instructor, College of Pharmacy, effective July 1, 1969 through September 13, 1969, to do research for his dissertation at the University of Wisconsin.

Marion LaVerne Cremer, Instructor, School of Home Economics, effective July 1, 1969 through September 30, 1969, to work on her Ph.D. degree.

Virginia Mary Evans, Instructor (Assistant State Leader, 4-H), Cooperative Extension Service, effective July 1, 1969 through July 31, 1969, to participate in a program of professional improvement at The Ohio State University.

Jack E. Hathaway, Instructor, Veterinary Clinics, effective July 1, 1969 through December 31, 1969, to accept a grant from NIH to do graduate work.

Alene P. Hinshaw, Instructor, Department of English, effective October 1, 1969 through September 30, 1970, for personal reasons.

Twyla Regula Ridder, Instructor, School of Home Economics, effective October 1, 1969 through June 30, 1970, for personal reasons.

H. Emeritus Titles

Tom B. Haber, Division of Comparative Literature, with the title Professor Emeritus, effective July 1, 1969.

Claude S. Perry, Department of Ophthalmology, with the title Professor Emeritus, effective July 1, 1969.

Drew L. Davies, Department of Surgery, with the title Instructor Emeritus, effective July 1, 1969.

Robert E. S. Young, Department of Surgery, with the title Instructor Emeritus, effective July 1, 1969.

Upon motion of Mr. Bricker, seconded by Mr. Shocknessy, the Appointments, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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July 31, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	30	\$1,162,157.00
Industrial and Other Research	3	92,825.00
<u>Grants</u>		
Government Research - Federal	46	1,477,453.00
Industrial and Other Research	6	<u>45,769.16</u>
Totals	85	\$2,778,204.16

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 Office of Naval Research Project No. 1086 - Mod. #19 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$8,500.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 1673-A - Mod. #7 - Department of Metallurgical Engineering).
Gross Value - \$4,500.00.
- c. 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 National Institutes of Health Project No. 2049 - Mod. #7 - Department of Veterinary Pathology).
Gross Value - \$100,640.00.
- d. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #5 - Department of Physics).
Gross Value - \$10,000.00.

July 31, 1969 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 Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Medlars Center (to be known as National Institutes of Health Project No. 2487 - Mod. #2 - Department of Medicine).
Gross Value - \$111,166.00.
- f. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as Harry Diamond Laboratories Project No. 2622 - Mod. #7 - Department of Electrical Engineering).
Gross Value - \$12,000.00.
- g. Federal Aviation Administration, Oklahoma City, Oklahoma, Research Study on Piloting Performance in Light Aircraft (to be known as Federal Aviation Administration Project No. 2626 - Mod. #1 - Department of Preventive Medicine).
Gross Value - \$24,999.00.
- h. Department of the Army, Defense Supply Service, Washington, D. C., Cytological Studies (to be known as Defense Supply Service Project No. 2645 - Mod. #3 - Department of Pathology).
Gross Value - \$20,388.00.
- i. Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio, AFIT Defense Weapon Systems Management Seminar (to be known as Air Force Institute of Technology Project No. 2659 - Mod. #2 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$18,000.00.
- j. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Massive Blowing Effects on Turbine Blade Cooling (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2674 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$21,563.00.
- k. Department of the Army, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland, Program of Research in the Study, Analysis and Design of Special Antenna Configurations (to be known as Department of the Army Project No. 2708 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$26,179.00.

July 31, 1969 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. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2731 - Mod. #1 - Research Foundation).
Gross Value - \$16,000.00.
- m. Navy Purchasing Office, Brooklyn, New York, Method to Produce Pictures With Acoustic Energy (to be known as Navy Purchasing Office Project No. 2741 - Mod. #3 - Department of Welding Engineering).
Gross Value - \$19,121.00.
- n. Aerospace Medical Division, Air Force Systems Command, Brooks Air Force Base, Texas, Endocrine Function in Proposed Spacecraft Atmospheres (to be known as Aerospace Medical Division, Air Force Systems Command Project No. 2761 - Mod. #1 - Department of Physiology).
Gross Value - \$31,652.00.
- o. National Aeronautics and Space Administration, Manned Spacecraft Center, Space Sciences Procurement Branch, Houston, Texas, Effect of Photographic Image Quality on Attainable Map Accuracy (to be known as National Aeronautics and Space Administration, Manned Spacecraft Center Project No. 2795 - New - Department of Geodetic Science).
Gross Value - \$33,800.00.
- p. Philadelphia Naval Shipyard, Purchase Division, Philadelphia, Pennsylvania, Feasibility Study to Provide an Improved Multi-function Antenna System for Use in Submarine Communications (to be known as Philadelphia Naval Shipyard Project No. 2806 - New - Department of Electrical Engineering).
Gross Value - \$7,500.00.
- q. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2819 - New - Department of Electrical Engineering).
Gross Value - \$12,000.00.
- r. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2819 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$35,000.00.

July 31, 1969 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

- s. U. S. Department of 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 U. S. Department of Labor, Manpower Administration Project No. 2820 - New - Department of Economics).
Gross Value - \$208,354.00.
- t. Procurement Division, Building 4603, Aberdeen Proving Ground, Maryland, Analysis and Monitoring of a Fast Reactor Core Coupled With Experimental Apparatus (to be known as Procurement Division, Aberdeen Proving Ground Project No. 2823 - Mod. #1 - Department of Mechanical Engineering).
Gross Value - \$205.00.
- u. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on the Pharmacology of TVOPA (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2828 - New - Department of Preventive Medicine).
Gross Value - \$40,000.00.
- v. National Aeronautics and Space Administration, Electronics Research Center, Cambridge, Massachusetts, Microwave Radiation from Natural Surfaces (to be known as National Aeronautics and Space Administration, Electronics Research Center Project No. 2832 - New - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- w. U. S. Army, San Francisco Procurement Agency, Oakland, California, Infrared Line Shape Study Using a Tunable Laser (to be known as San Francisco Procurement Agency Project No. 2834 - New - Department of Electrical Engineering).
Gross Value - \$25,232.00.
- x. Naval Air Development Center, Johnsville, Warminster, Pennsylvania, Low-Profile Scanned-Beam IFF Antenna System Development Study (to be known as Naval Air Development Center Project No. 2836 - New - Department of Electrical Engineering).
Gross Value - \$74,775.00.
- y. U. S. Atomic Energy Commission, Argonne, Illinois, Plastic-Strain Controlled Failure Criteria and Design Parameters (to be known as U. S. Atomic Energy Commission Project No. 2840 - New - Department of Metallurgical Engineering).
Gross Value - \$75,000.00.

July 31, 1969 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)

- z. National Aeronautics and Space Administration, Manned Spacecraft Center, Space Sciences Procurement Branch, Houston, Texas, Investigations Related to Selenodetic Control (to be known as National Aeronautics and Space Administration, Manned Spacecraft Center Project No. 2841 - New - Department of Geodetic Science).
Gross Value - \$99,600.00.
- aa. Naval Electronics Laboratory Center, San Diego, California, Adaptive Arrays for Anti-Jam Protection (to be known as Naval Electronics Laboratory Center Project No. 2844 - New - Department of Electrical Engineering).
Gross Value - \$2,500.00.
- bb. U. S. Department of Transportation, Federal Highway Administration, Contract and Procurement Division, Washington, D. C., Analysis of Fatigue and Fracture of Bituminous Paving Mixtures (to be known as Federal Highway Administration, Contract and Procurement Division Project No. 2845 - New - Department of Civil Engineering).
Gross Value - \$6,769.00.
- cc. Department of Transportation, Federal Highway Administration, Washington, D. C., Medical-Engineering Highway Crash Investigation Team (to be known as Federal Highway Administration Project No. 2852 - New - Department of Physiology).
Gross Value - \$42,000.00.
- dd. Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C., The Application of Communication Theory and Research to Civilian Defense Priority for Programming (to be known as Office of Civil Defense Project No. 2856 - New - Department of Speech).
Gross Value - \$49,714.00.

TOTAL - Government Research Contracts - Federal \$1,162,157.00

2. Industrial and Other Research Contracts

- a. Industrial Sponsor, Study of Dental Caries (to be known as Industrial Project No. 2065 - Letter Dated 6/25/69 - College of Dentistry).
Gross Value - \$38,833.00.
- b. Industrial Sponsor, Study of Dental Calculus (to be known as Industrial Project No. 2070 - Letter Dated 6/25/69 - College of Dentistry).
Gross Value - \$25,120.00.

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)

- c. Columbus Public Library, Columbus, Ohio, Development of a Plan for Franklin County Public Library (to be known as Columbus Public Library Project No. 2826 - New - Center for Business and Economic Research).
Gross Value - \$28,872.00.

TOTAL - Industrial and Other Research Contracts \$92,825.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, Office of Community Health Planning, Chicago, Illinois, Cytotechnology Training Program (to be known as Office of Community Health Planning Project No. 1154-I - Ext. #9 - Department of Pathology).
Gross Value - \$23,000.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575-F - Ext. #6 - College of Biological Sciences - Biophysics).
Gross Value - \$44,815.00.
- 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 National Institute of Mental Health Project No. 1653-E - Ext. #5 - College of Pharmacy).
Gross Value - \$16,933.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Blood PO₂-Artery QO₂ Relationship and Atherosclerosis (to be known as National Institutes of Health Project No. 1800-E - Sup. #1 - Department of Physiology).
Gross Value - \$858.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Hemotropic Parasite Infections, Immunology (to be known as National Institutes of Health Project No. 1873-E - Ext. #5 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$23,976.00.

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

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as Health Services and Mental Health Administration Project No. 2037-D - Ext. #4 - Department of Dairy Technology).
Gross Value - \$22, 773. 00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058-D - Ext. #4 - Departments of Medicine and Veterinary Physiology).
Gross Value - \$184, 074. 00.
- h. 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 National Institutes of Health Project No. 2060-D - Ext. #4 - Department of Otolaryngology).
Gross Value - \$20, 392. 00.
- i. National Science Foundation, Washington, D. C., Optically Active Complex Inorganic Compounds (to be known as National Science Foundation Project No. 2120 - Amend. #3 - Department of Chemistry).
Gross Value - \$50, 800. 00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Coordination of Phosphine Sulfides and Selenides (to be known as National Institutes of Health Project No. 2171-B - Sup. #2 - Department of Chemistry).
Gross Value - \$5, 400. 00.
- k. Department of Health, Education and Welfare, Public Health Service, Office of Comprehensive Health Planning, Chicago, Illinois, Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Office of Comprehensive Health Planning Project No. 2224-C - Ext. #3 - Department of Pathology).
Gross Value - \$52, 534. 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, Lipid Metabolism in the Human Placenta (to be known as National Institutes of Health Project No. 2254-C - Ext. #3 - Department of Pediatrics).
Gross Value - \$19, 120. 00.

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

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

3. Government Research Grants - Federal (continued)

- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305-B - Sup. #1 - Department of Physical Medicine).
Gross Value - \$760.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375-B - Sup. #1 - Department of Surgery).
Gross Value - \$1,057.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385-B - Sup. #1 - Department of Pathology).
Gross Value - \$1,068.00.
- p. 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 National Institutes of Health Project No. 2445-B - Ext. #2 - College of Biological Sciences - Biochemistry).
Gross Value - \$18,822.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516-A - Sup. #1 - Department of Chemistry).
Gross Value - \$1,290.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525-A - Sup. #1 - Department of Pathology).
Gross Value - \$8,443.00.

July 31, 1969 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Induction of Tolerance in the Adult Mouse and Dog (to be known as National Institutes of Health Project No. 2662-A - Ext. #1 - Department of Surgery).
Gross Value - \$27,725.00.
- t. 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 National Institutes of Health Project No. 2670-A - Ext. #1 - Department of Psychiatry).
Gross Value - \$27,373.00.
- u. 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 National Institute of Mental Health Project No. 2673-A - Ext. #1 - Department of Sociology).
Gross Value - \$87,248.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, The Role of Bile in Hepatic Regeneration (to be known as National Institutes of Health Project No. 2675-A - Ext. #1 - Department of Surgery).
Gross Value - \$13,529.00.
- w. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Human Information Processing (to be known as Air Force Office of Scientific Research Project No. 2718-A - Amend. A - Department of Psychology).
Gross Value - \$49,985.00.
- x. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Ephedrine Tachyphylaxis (to be known as National Institutes of Health Project No. 2753 - Sup. #1 - College of Pharmacy).
Gross Value - \$496.00.
- y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies (to be known as National Institutes of Health Project No. 2769 - Sup. #1 - College of Pharmacy).
Gross Value - \$1,356.00.

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)

- z. National Aeronautics and Space Administration, Washington, D. C., Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as National Aeronautics and Space Administration Project No. 2792 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- aa. U. S. Office of Education, Washington, D. C., Response Class in Learning and Memory (to be known as U. S. Office of Education Project No. 2804 - Rev. #1 - Department of Psychology).
Gross Value - \$17,000.00.
- bb. National Science Foundation, Washington, D. C., Chemistry of Bent Bonds (to be known as National Science Foundation Project No. 2825 - New - Department of Chemistry).
Gross Value - \$46,900.00.
- cc. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Comparative Study of Drug Metabolism (to be known as National Institutes of Health Project No. 2827 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$38,366.00.
- dd. National Aeronautics and Space Administration, Washington, D. C., Methods of Solution of the Integral Equation for the Foucault Test (to be known as National Aeronautics and Space Administration Project No. 2829 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,244.00.
- ee. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Systolic Intervals in Acute Myocardial Infarction (to be known as National Institutes of Health Project No. 2830 - New - Department of Medicine).
Gross Value - \$24,428.00.
- ff. 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 National Institutes of Health Project No. 2831 - New - Department of Medicine).
Gross Value - \$37,531.00.

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)

- gg. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Advisory Council of Education for Health Professions, Bethesda, Maryland, Computer-Assisted-Independent Study (to be known as National Institutes of Health Project No. 2835 - New - Department of Medicine).
Gross Value - \$336,562.00.
- hh. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Catechol-o-Methyl-transferase and Adrenergic Drugs (to be known as National Institutes of Health Project No. 2837 - New - College of Pharmacy).
Gross Value - \$11,261.00.
- ii. National Science Foundation, Washington, D. C., A Laser Raman Spectrometer (to be known as National Science Foundation Project No. 2838 - New - Department of Chemistry).
Gross Value - \$23,200.00.
- jj. National Science Foundation, Washington, D. C., Number Theory, Group Theory, Geometry of Numbers and Discrete Geometry (to be known as National Science Foundation Project No. 2839 - New - Department of Mathematics).
Gross Value - \$61,700.00.
- kk. 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 National Institutes of Health Project No. 2843 - New - College of Pharmacy).
Gross Value - \$15,634.00.
- ll. National Science Foundation, Washington, D. C., Class Numbers in Fields of Algebraic Functions (to be known as National Science Foundation Project No. 2848 - New - Department of Mathematics).
Gross Value - \$11,300.00.
- mm. National Science Foundation, Washington, D. C., Problems Related to the Divisor Problem (to be known as National Science Foundation Project No. 2849 - New - Department of Mathematics).
Gross Value - \$10,900.00.
- nn. National Science Foundation, Washington, D. C., Freudenthal Triple System (to be known as National Science Foundation Project No. 2850 - New - Department of Mathematics).
Gross Value - \$10,800.00.

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)

- oo. National Science Foundation, Washington, D. C., Demographic Projections of Student Enrollments (to be known as National Science Foundation Project No. 2851 - New - Department of Sociology).
Gross Value - \$4,400.00.
- pp. U. S. Army Research Office - Durham, Durham, North Carolina, Techniques of Parametric Interactions to Millimeter and Sub-millimeter Waves (to be known as U. S. Army Research Office - Durham Project No. 2858 - New - Department of Electrical Engineering).
Gross Value - \$6,500.00.
- qq. National Science Foundation, Washington, D. C., Geochemistry of Weathering and the Saline Cycle in Southern Victoria Land, Antarctica (to be known as National Science Foundation Project No. 2860 - New - Institute of Polar Studies).
Gross Value - \$34,400.00.
- rr. National Science Foundation, Washington, D. C., Conformational Analysis (to be known as National Science Foundation Project No. 2861 - New - Department of Chemistry).
Gross Value - \$31,700.00.
- ss. National Science Foundation, Washington, D. C., Ergodic Theory and Probability (to be known as National Science Foundation Project No. 2862 - New - Department of Mathematics).
Gross Value - \$15,000.00.
- tt. National Science Foundation, Washington, D. C., Mayer-Vietoris Functors and Bicartesian Squares (to be known as National Science Foundation Project No. 2863 - New - Department of Mathematics).
Gross Value - \$10,800.00.

TOTAL - Government Research Grants - Federal \$1,477,453.00

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 The Regents of the University of Wisconsin Project No. 1395 - Cks. Nos. C632360, C632359, C626354, C626353 - Department of Surgery).
Gross Value - \$1,927.16.

July 31, 1969 meeting, Board of Trustees

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

A. The Ohio State University and

The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- b. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America, Center for Editions of American Authors Project No. 2338 - Amend. #5 - Department of English).
Gross Value - \$590.00.
- c. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America, Center for Editions of American Authors Project No. 2338-B - Sponsor Letter Dated 6/4/69 - Department of English).
Gross Value - \$1,010.00.
- d. National Multiple Sclerosis Society, 257 Park Avenue, New York, New York, Myelin Plasmalogens and Multiple Sclerosis (to be known as National Multiple Sclerosis Society Project No. 2842 - New - Department of Physiological Chemistry).
Gross Value - \$19,142.00.
- e. American Heart Association, Inc., New York, New York, Myocardial Retroperfusion During Coronary Occlusion (to be known as American Heart Association, Inc., Project No. 2846 - New - Department of Surgery).
Gross Value - \$9,900.00.
- f. American Heart Association, Inc., New York, New York, Permeability of Heart Mitochondria (to be known as American Heart Association, Inc., Project No. 2847 - New - Department of Physiological Chemistry).
Gross Value - \$13,200.00.

TOTAL - Industrial and Other Research Grants \$45,769.16

Upon motion of Mr. Eckley, seconded by Mr. Bricker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

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

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

SUMMARY

	No. of Projects	Gross Value
Government Research Contracts	5	\$208,190.00
Industrial Research Contract	<u>1</u>	<u>4,000.00</u>
Totals	6	\$212,190.00

During the period from May 21, 1969 through June 18, 1969, 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

- SC 82 Highway and Transportation Program, Course No. 304, Council of State Governments, Chicago, Illinois 60637.
Gross Value - \$3,750.00.
 - W 127 The Ecology Impact of the Interactions Among Microorganisms and Aquatic Contaminants in Lake Erie, Office of Water Resources Research, Washington, D. C. 20240.
Gross Value - \$47,700.00.
 - W 128 Hydrologic Investigation of Small Watersheds in Ohio, Office of Water Resources Research, Washington, D. C. 20240.
Gross Value - \$46,000.00.
 - W 129 Community Reactions to Collective Stress: Its Implications for Water Resources Planning - Phase II, Office of Water Resources Research, Washington, D. C. 20240.
Gross Value - \$13,650.00.
 - W 130 A Systems Analysis of the Western Basin of Lake Erie, Phase II, Office of Water Resources Research, Washington, D. C. 20240.
Gross Value - \$97,090.00.
- TOTAL - Government Research Contracts \$208,190.00

July 31, 1969 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 Contract

327X Design Study of Blowdown Rings, Aquatrol, Inc., Chicago,
Illinois 60622.
Gross Value - \$4,000.00.

C. Authorization to Execute an Agreement Between The Ohio State University
and the Technical Institute District in Ashland-Crawford-Richland Counties

A need for technical education programs in the Mansfield and Lima areas where The Ohio State University has branch campuses was recognized and authorization to execute agreements providing for the development of such programs in cooperation with appropriate technical institutes and technical institute districts was approved by the Board of Trustees on June 13, 1968.

The authorization for state universities to establish such technical education programs in cooperation with technical institutes appropriately organized under the laws of Ohio is in accordance with action taken by the 107th General Assembly [Section 3357.09 (L), Revised Code of Ohio].

The Board of Trustees of the Technical Institute District in Ashland-Crawford-Richland Counties has approved an agreement between The Ohio State University and said technical institute district to provide for technical education programs on the Mansfield Campus of the University to begin with the Autumn Quarter 1970 or as soon thereafter as possible.

It was recommended therefore that the President, or in his absence the Secretary of the Board of Trustees of the University, be authorized to execute said agreement between the University and the Technical Institute District in Ashland-Crawford-Richland Counties.

The above said agreement has been reviewed by the Office of the Ohio Board of Regents and the Office of the Attorney General of Ohio.

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

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July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 12, 1969, 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	\$1,548,725.00
Received Through The Ohio State University Development Fund	901,618.44

A. Administered Through the Office of Business and Finance

1. \$223,298.00 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 - Operational Grant," under the direction of the College of Medicine, for the period May 1, 1969 through June 30, 1970. (Grant No. 1 G03 RM 00022-01)
2. \$115,223.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 GM01539-04)
3. \$109,620.00 additional grant 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, 1969 through June 30, 1970. (Grant No. 2 T01 MH08458-06)
4. \$95,380.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201, to the University for a "Child Welfare Training Grant," under the direction of the School of Social Work, for the period July 1969 through June 1970. (Project No. CWT-69-45)
5. \$84,925.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1969 through June 30, 1970. [Grant No. ART-70-010 (C)]
6. \$73,010.00 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, 1969 through June 30, 1970. (Grant No. AHP 7-4C-69)

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$63,660.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Mental Retardation Training Program - Core Group," under the direction of the College of Medicine - Mental Retardation Facility, for the period August 1, 1969 through July 31, 1970. (Grant No. 57978-03-69)
8. \$63,620.00 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, 1969 through June 30, 1970. (Grant No. 2 T01 NB05529-04)
9. \$59,400.00 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, 1969 through June 30, 1970. (Grant No. 2 T01 MH08386-06)
10. \$55,372.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 UI 01038-07)
11. \$53,292.00 granted by United States Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C. 20242, to the University for "Multidisciplinary Training in Water Pollution Control - Training Grant," under the direction of the School of Natural Resources, for the period July 1, 1969 through June 30, 1970. (Grant No. (1T1-WP-219-01))
12. \$51,423.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Augmentation - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. PHT 5-25D-69)
13. \$48,180.00 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, 1969 through June 30, 1970. (Grant No. 2 T01 AM05118-13)
14. \$46,080.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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 October 1, 1969 through June 1, 1970. (Grant No. OEG-5-9-450154-0074)

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$43,791.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 UI 01002-04)
16. \$42,940.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Microbiology and Infectious Disease Training," under the direction of the Department of Medical Microbiology, for the period July 1, 1969 through June 30, 1971. (Grant No. 5 T01 AI00359-02)
17. \$32,177.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 MH06748-12)
18. \$30,069.00 granted by Department of Health, Education and Welfare Public Health Service, Bethesda, Maryland, to the University for "A Comprehensive Study of Cardiovascular Sound," for a Development Award - Research Career Program under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 K03 HE28243-05)
19. \$28,726.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 NB05585-03)
20. \$27,791.00 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, 1969 through June 30, 1970. (Grant No. 5 K03 AM11519-02)
21. \$22,800.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Fellowship Program in Reading," under the direction of the College of Education. This project extends through October 31, 1970. (Grant No. OEG-0-9-450667-2279-721)
22. \$20,952.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Multidepartmental - Training Grant," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 HE05659-05)

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$17,843.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Quantitative Methods in Librarianship," under the direction of the University Libraries, for the period January 30, 1969 through September 30, 1969. (Grant No. OEG-0-9-450004-0430)
24. \$17,600.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Prospective Teacher Fellowship Program," under the direction of the Division of Art, for the period June 13, 1969 through August 31, 1970. (Grant No. OEG-0-9-059258-3969)
25. \$17,260.00 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, 1969 through June 30, 1970. (Grant No. 5 T01 GM01805-02)
26. \$12,960.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Development of Graduate Curriculum in Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1970. (Grant No. 55503-01-68-S-69C)
27. \$12,180.00 additional grant 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, 1969 through June 30, 1970. (Grant No. 5 T01 NB05397-07)
28. \$9,982.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work - Training Grant," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 1 T01 MH11981-01)
29. \$8,290.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1969 through June 30, 1970. (Grant No. N-537-70-E)
30. \$7,644.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Graduate Fellowship Program," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1969 through February 28, 1971. (Grant No. OEG-9-450226-068)

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

31. \$7,198.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "College Library Resources Program," under the direction of the Lima Campus, for the period June 17, 1969 through June 30, 1970. (Grant No. OEG-0-9-450046-9153)
32. \$6,865.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "College Library Resources Program," under the direction of the Mansfield Campus, for the period June 17, 1969 through June 30, 1970. (Grant No. OEG-0-9-450047-9147)
33. \$6,238.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "College Library Resources Program," under the direction of the Newark Campus, for the period June 17, 1969 through June 30, 1970. (Grant No. OEG-0-9-450049-9156)
34. \$6,130.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "College Library Resources Program," under the direction of the Marion Campus, for the period June 17, 1969 through June 30, 1970. (Grant No. OEG-0-9-450048-9154)
35. \$5,704.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Psychology," under the direction of the Department of Psychology, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T01 MH08526-06)
36. \$5,700.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the purchase of Instructional Scientific Equipment, under the direction of the Department of Agricultural Engineering, for the period July 1, 1969 through July 31, 1971. (GY-6563)
37. \$5,054.00 additional grant 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, 1969 through June 30, 1970. (Grant No. 5 T01 NB05461-05)
38. \$3,984.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Planning Grant in Physical Education," under the direction of the School of Physical Education, for the period June 1, 1969 through August 31, 1970. (Grant No. OEG-0-9-451713-3393)

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

39. \$3,864.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Special Purpose Training Grant - Public Health Traineeship Program," under the direction of the School of Allied Medical Professions, for the period July 1, 1969 through June 30, 1970. (Grant No. SP-22A-69)
40. \$2,500.00 granted by National Science Foundation, Washington, D. C. 20550 to the University for the purchase of Instructional Scientific Equipment, under the direction of the College of Biological Sciences - Population and Environmental Biology, for the period July 1, 1969 through July 31, 1971. (GY-6626)

TOTAL - Administered Through the Office of Business and Finance -
\$1,548,725.00

B. Received Through The Ohio State University Development Fund

1. \$260,785.82 (securities valued at \$143,485.82 and a check for \$117,300.00) through a bequest from the late Clifford C. Baltzly, formerly of Philadelphia, Pennsylvania, for the establishment of the Clifford C. Baltzly Scholarship Fund.

Clifford C. Baltzly Scholarship Fund

The Clifford C. Baltzly Scholarship Fund was established July 31, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University through the Development Fund from the late Clifford C. Baltzly, Engr. W'07, formerly of Philadelphia, Pennsylvania.

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

The income therefrom is to be used for scholarships for male students at The Ohio State University, with first preference given to applicants from Zanesville, Ohio. In all cases, financial need shall be a factor in determining the recipients. The amount of the scholarship stipend shall be determined by the unit of the University charged with operating its scholarship program, with the request that a scholarship grant from this fund shall cover up to four years of undergraduate work and graduate or professional work, if a recipient desires to take such advanced courses. The stipend may also provide some contribution toward board and lodging.

In the event that the need for such scholarships ceases to exist or so diminishes as to create unused income, then the income from the said Fund may be used by the Board of Trustees of The Ohio State University in its discretion.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$152,011.31 from Samuel M. Melton, Columbus, Ohio, for the Samuel and Esther Melton Chair of Jewish History and Studies.
3. \$98,820.93 from The Arthur Young Foundation, Santa Ana, California, (In the names of Harold H. Bach, Jr., Harmon W. Beyer, Robert H. Birkhold, Charles C. Crumley, Harold O. Davidson, James B. Gwilym, Ernest L. Hicks, David L. James, Duane L. Marx, William C. Merrick, Donald N. Payne, William B. Sellers, Jr., Melvin H. Villhauer and John M. Waterman) for the Arthur Young Professorship in Accounting in the College of Administrative Science - Accounting.
4. \$51,776.81 from the Estate of Harriet A. Paul, Columbus, Ohio, to establish the Charles E. Paul Memorial Student Loan Fund.
5. \$25,200.00 from the Eli Lilly and Company, Indianapolis, Indiana-- \$18,200.00 for the Infectious Disease Research Fund and \$7,000.00 for the Eli Lilly and Company Organic Chemistry Research Fund.
6. \$19,289.62 from the Estate of Edwin H. Penisten, Chillicothe, Ohio, for the establishment of the Ed Penisten Scholarship Fund.

Ed Penisten Scholarship Fund

The Ed Penisten Scholarship Fund was established July 31, 1969, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from Edwin H. Penisten, deceased, who was a member of the Class of 1910, formerly of Chillicothe, Ohio.

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

The income is to be used annually to provide scholarships and/or grants-in-aid for male students at The Ohio State University in such amounts as may be determined by the official University Scholarship Committee and all awards are to be made by said Committee. Preference is to be given to qualified students scholastically who are also participating in intercollegiate athletics. It was the donor's wish and hope that income from this fund should be spent, so far as possible, in benefiting worthy Ohio State athletes, especially in football, and Ohio State athletics in general.

In the event the need for such scholarships ceases to exist or so diminishes as to create unused income, then the income may be used by the Board of Trustees of The Ohio State University, in its discretion, for any purpose whatsoever.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$15,000.00 from the Bremer Foundation, Youngstown, Ohio, (In the name of Marie R. Bremer), for the Bremer Foundation Fund in the College of Medicine.
8. \$15,000.00 from Mrs. Bruce K. (Adah V.) Wiseman, Columbus, Ohio, for the establishment of the Bruce K. and Adah V. Wiseman Fund.

Bruce K. and Adah V. Wiseman Fund

The Bruce K. and Adah V. Wiseman Fund was established July 31, 1969, by the Board of Trustees of The Ohio State University with gifts to the University through the Development Fund from Mrs. Bruce K. (Adah V.) Wiseman, 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 in support of education and research in the field of medicine, particularly in projects conducted in the Wiseman Hall Research Facility, in the College of Medicine, as directed by the Dean of the College of Medicine. The principal may also be used for the above purposes.

Should the need for this support 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education and medical research.

9. \$13,200.00 from Martha Holden Jennings Foundation, Cleveland, Ohio, for the New Dimensions Program Fund.
10. \$11,646.20 from the American Medical Association Education and Research Foundation, Chicago, Illinois, to support the Faculty Seminar on Medical Education.
11. \$10,000.00 from the Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.
12. \$10,000.00 from The Penton Publishing Company, Cleveland, Ohio, for the Center for Tomorrow Fund.
13. \$10,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

IV. GRANTS AND GIFTS (continued)

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

14. \$10,000.00 from the Estate of Edmond R. Sawtell, State College, Pennsylvania, for the establishment of the Edmond R. Sawtell Fund.

Edmond R. Sawtell Fund

The Edmond R. Sawtell Fund was established July 31, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University through The Ohio State University Development Fund from Edmond R. Sawtell, deceased, formerly of State College, Pennsylvania.

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 graduate or undergraduate students studying in the field of conservation and natural resources. Students are to be recommended by the Director of the School of Natural Resources.

Should this need 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 who is then directly responsible for conservation and natural resources education.

15. \$10,000.00 from Corn Products Company, Argo, Illinois, for the Corn Products Company Graduate Research Fund in Dairy Technology.
16. \$9,925.00 from The Edward Orton, Jr., Ceramic Foundation-- \$4,925.00 for the Orton Foundation Fund for Equipment in the Department of Ceramic Engineering, \$4,000.00 for the John L. Carruthers Fellowship in Ceramic Engineering and \$1,000.00 for the Ceramic Engineering Equipment Fund.
17. \$8,500.00 from General Motors Engineering Staff, Warren, Michigan, for Low Emission Manifold Study Fund in the Department of Mechanical Engineering.
18. \$7,500.00 from International Business Machines Corporation, Armonk, New York, for the Center for Tomorrow Fund.
19. \$7,500.00 from C. Gordon Jelliffe, Columbus, Ohio, for the John W. Bricker Professorship in the College of Law.
20. \$6,500.00 from the Central Ohio Chapter, National Kidney Foundation, Columbus, Ohio, for the Department of Medicine Fellowship Fund.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$6,025.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund in the College of Medicine.
22. \$6,000.00 from Rohm and Haas Company--\$5,000.00 for the Rohm and Haas Company Fund in Chemistry and \$1,000.00 for the Department of Chemical Engineering Rohm and Haas Company Scholarship Fund.
23. \$5,069.74 from the Lima Campus/OSU Sustaining Committee for the Lima Campus/OSU Fund.
24. \$5,000.00 from Charities Foundation, Toledo, Ohio, (In the name of Owens-Illinois, Inc.), for the Center for Tomorrow Fund.
25. \$5,000.00 from James R. Riley, Worthington, Ohio, for the Center for Tomorrow Fund.
26. \$5,000.00 from Turner and Shepard, Inc., Columbus, Ohio, for the establishment of the Turner and Shepard, Inc., Fund in the College of Administrative Science.

Turner and Shepard, Inc., Fund

The Turner and Shepard, Inc., Fund was established July 31, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Turner and Shepard, Inc., as a memorial to Floyd L. Turner, C.L.U., formerly 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 income is to be awarded annually to a full-time graduate or undergraduate student in the College of Administrative Science. The student to receive the award shall be selected by the Dean of the College of Administrative Science, upon the recommendation of Helen H. Turner, widow of Floyd L. Turner, in agreement with The Griffith Foundation. Upon the death or unavailability of Mrs. Helen H. Turner, recommendations are to be made by three descendants of Mr. and Mrs. Floyd L. Turner, to wit: Thomas J. Turner, Richard H. Turner, James F. Turner, each in succession to his mother or brother in the order of their ages. Upon the death or unavailability of Mrs. Turner and all of these descendants, recommendations are to be made by The Griffith Foundation. The principal may be invaded as recommended by those who recommend the students for the award.

IV. GRANTS AND GIFTS (continued)

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

26. Turner and Shepard, Inc., Fund (continued)

Should the need for these awards 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 recommendations from the appropriate administrative official of the University who is then directly responsible for business education.

27. \$5,000.00 from Union Carbide Corporation, New York, New York, for the Union Carbide Fellowship in Chemistry.
28. \$5,000.00 from Union Carbide Corporation, Linde Division, New York, New York, for the Union Carbide Corporation Fellowship in Welding Engineering.
29. \$5,000.00 from Union Carbide Corporation, South Charleston, West Virginia, for the Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.
30. \$5,000.00 from Warren-Teed Pharmaceuticals, Inc., Columbus, Ohio, for the Warren-Teed Pharmaceuticals Bioceramic Research Fund.
31. \$4,568.75 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
32. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
33. \$4,400.00 from The Dow Chemical Company--\$2,500.00 for the Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering, \$1,400.00 for the Dow Chemical Scholarship and Fellowship Fund in Chemistry and \$500.00 for Marketing Faculty Support Fund.
34. \$4,200.00 from North American Rockwell Corporation for the North American Aviation Fellowship in Aviation Medicine.
35. \$4,087.50 from Mr. Jacob E. Davis for the Jacob E. Davis Fund for the College of Law.
36. \$4,000.00 from Abbott Laboratories, North Chicago, Illinois, for the Abbott Laboratories Antibiotics Research Fund.
37. \$4,000.00 from Miss Irene D. Hirsch for the Crime and Delinquency Research Fund.
38. \$3,500.00 from The Seven-Up Bottling Company, (In the names of Henry M. O'Neill, Jr., and Henry M. O'Neill, Sr.), for the Student Athlete Grant-in-Aid Fund.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

39. \$3,500.00 from the Stauffer Chemical Company for the Stauffer Chemical Company Chemistry Fund.
40. \$3,476.40 from Dr. Paul N. Curtiss, Jr., for the Orthopaedic Development Fund.
41. \$3,443.75 from Alex Schoenbaum--\$2,443.75 for the Alex Schoenbaum Fund and \$1,000.00 for the Marketing Faculty Support Fund.
42. \$3,050.00 from Dr. John K. Pfahl for the Elvin F. Donaldson Fund.
43. \$3,000.00 from The East Ohio Gas Company as an unrestricted gift to the University.
44. \$3,000.00 from Educational Records Bureau, New York, New York, for the E. R. B. -E. E. G. Fund.
45. \$3,000.00 from Public Welfare Foundation, Inc., Washington, D. C., for the Public Welfare Foundation, Inc., Student Emergency Loan Fund.
46. \$2,864.49 from Mr. M. Merle Harrod as an undesignated gift to the University.
47. \$2,500.00 from Sam S. Shubert Foundation, New York, New York, for the Theatre Development Fund.
48. \$2,500.00 from Cooper-Bessemer Company for the Cooper-Bessemer Engineering Scholarship Fund.
49. \$2,500.00 from Syntex Laboratories, Palo Alto, California, for the Syntex Fund for research in the Department of Obstetrics and Gynecology.
50. \$2,500.00 from the Forging Industry Educational and Research Foundation, (In the names of David E. Tilton, 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.
51. \$2,000.00 from Charles Pfizer and Company for the Infectious Disease Research Fund.
52. \$1,652.50 from the Columbus Jewish Welfare Foundation, (In the name of Mrs. Sarah M. Beckman), for the Theodore N. Beckman Fund for Research in Marketing.
53. \$1,549.00 from Dr. William E. Hunt for the Harry E. LeFever Fund for Education of Neurological Surgeons in the Department of Surgery.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

54. \$1,500.00 from The Hildreth Foundation, Inc., (In the name of Gordon E. Hildreth), for the Student Athlete Grant-in-Aid Fund.
55. \$1,500.00 from The Link Foundation for the Link Foundation Fund for the School of Aviation.
56. \$1,290.00 from Dr. William G. Pace for General Surgery Fund in the College of Medicine.
57. \$1,287.00 from Mr. Arthur E. Shepard--\$787.00 as an undesignated gift to the University and \$500.00 for the Charles W. Griffith Memorial Fund.
58. \$1,239.00 from Charles C. Crumley for the Arthur Young Professorship in Accounting.
59. \$1,218.00 from Jack N. Meeks Foundation, (In the name of Jack N. Meeks), for Neurology Research Fund.
60. \$1,040.19 from Mr. James C. Steffan for the John W. Bricker Professorship in the College of Law.
61. \$1,001.43 from Dr. Richard H. Keates for Ophthalmologic Center Fund.
62. \$1,000.00 from A. B. "Dolly" and Ralph Cohen Foundation, (In the name of Mrs. A. B. "Dolly" Cohen), for the Presidents Club Special Fund.
63. \$1,000.00 from Clyde G. Conley for the Clyde G. Conley Fund for Engineering.
64. \$1,000.00 from Walter English, [In the name of Marian Dupuis English (Mrs. Walter)], for the Food Industry Professorship Fund.
65. \$1,000.00 from Gates, McDonald & Company, (In the name of Donald C. Chapman), for the Donald C. Chapman Fund.
66. \$1,000.00 from Raymond D. Hammond, Pittsburgh, Pennsylvania, for the Raymond D. Hammond Chemical Engineering Fund.
67. \$1,000.00 from Handcraft Metals Corporation, Cleveland, Ohio, (In the name of Walter S. Klevay), for the Walter S. Klevay Fund in the College of Administrative Science.
68. \$1,000.00 from The Charles Y. and Frances N. Lazarus Family Foundation, (In the name of Mrs. Frances N. Lazarus), as an undesignated gift to the University.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

- 69. \$1,000.00 from The Charles Y. and Frances N. Lazarus Family Foundation, (In the name of Charles Y. Lazarus), as an unrestricted gift to the University.
- 70. \$1,000.00 from Richard M. Ross--\$500.00 for the Ohio Dairy Products Research Fund and \$500.00 for the School of Art Special Fund.
- 71. \$1,000.00 from The Rusoff Foundation, (In the name of Maurice B. Rusoff), for the Maurice B. Rusoff Award Fund.
- 72. \$1,000.00 from Henry G. Schmidt for the Ottawa Club Fund.
- 73. \$1,000.00 from The Joseph & Helen Skilken Foundation, (In the name of Joseph Skilken), for the Michael Peppe - Carl Wirthwein Scholarship Fund.
- 74. \$1,000.00 from Mr. Ralph N. Smeck for the Zollinger Research Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$901,618.44

Upon motion of Mr. Shocknessy, 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.

C. Report from The Ohio State University Development Fund

1. Month of May, 1969

In May, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,001	\$170,060.57
Individuals other than alumni	82	17,436.74
Nonprofit organizations	32	31,199.45
Business concerns	20	50,094.18
	<u>4,135</u>	<u>\$268,790.94</u>

Of these gifts, 3,226 totaling \$31,252.50 were undesignated and 909 totaling \$237,538.44 were designated.

July 31, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund (continued)

2. Month of June, 1969

In June, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	5, 107	\$542, 271. 22
Individuals other than alumni	239	89, 819. 96
Nonprofit organizations	64	96, 562. 51
Business concerns	41	120, 974. 44
	<u>5, 451</u>	<u>\$849, 628. 13</u>

Of these gifts, 3, 890 totaling \$39, 620. 55 were undesignated and 1, 561 totaling \$810, 007. 58 were designated.

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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, 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; and Corporation gifts for general University purposes for fiscal year 1968-69.

National Science Foundation

310064	Education	Richardson	\$ 5, 462. 71
310070	Pharmacy	Malspeis	16. 43
310072	History	Burnham	100. 65
310073	Geology	Noel	461. 70
310075	Mathematics	Brown	2, 990. 88
310076	Education	Schlessinger	703. 90
310077	Biology	Rudolph	2, 002. 36
310078	Geology	Spieker	812. 79
310079	Mathematics	Riner	3, 670. 29
310080	Education	Schlessinger	1, 006. 30
310081	Engineering	Yarrington	1, 910. 92
310084	Chemistry	Ouellette	652. 13
310085	Physics	Wigen	595. 96

Total National Science Foundation \$ 20, 387. 02

July 31, 1969 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare

320100	NIH - Entomology - Wharton	\$ 980.64
320150	NIH - Medicine - Warren	1,970.14
320152	NIH - Entomology - Wharton	3,559.47
320153	NIH - Otolaryngology - Saunders	8,316.65
320154	NIH - Veterinary Pathology - Cole	10,030.21
320155	NIH - Pharmacology - Hollander	1,513.68
320156	NIH - Pathology - Von Haam	1,602.48
320159	NIH - Psychiatry - Gregory	2,487.72
320160	NIH - Medicine - Allen	3,698.68
320161	NIH - Ophthalmology - Makley	2,545.36
320162	NIH - Pathology - Cerilli	5,275.97
320163	NIH - Surgery - Zollinger	5,428.90
320164	NIH - Medicine - Mengel	2,879.11
320165	NIH - Medicine - Warren	4,519.49
320166	NIH - School of Nursing - Newton	1,726.00
320167	NIH - Preventive Medicine - Shillito	2,459.81
320168	NIH - Pharmacology - Marks	4,601.57
320170	NIH - School of Social Work - Shimp	2,896.62
320171	NIH - Psychiatry - Gregory	4,592.40
320172	NIH - Surgery - Hunt	1,868.72
320173	NIH - Dentistry - Trippy	2,593.00
320174	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,776.88
320175	NIH - Psychiatry - Gregory	3,840.00
320176	NIH - School of Nursing - Newton	2,065.08
320177	NIH - Obstetrics and Gynecology - Besch	1,471.80
320178	NIH - Psychology - Meyer	1,196.68
320179	NIH - Medicine - Weissler	2,074.00
320180	NIH - Psychology - Wherry	2,869.37
320181	NIH - Psychology - Wickens	1,959.35
320183	NIH - School of Social Work - Shimp	2,321.67
320184	NIH - Industrial Engineering - Rockwell	3,824.68
320185	NIH - School of Natural Resources - Dambach	2,459.25
320186	NIH - School of Social Work - Cornell	144.00
320187	NIH - School of Social Work - Shimp	1,436.99
320188	NIH - Medicine - Skillman	3,903.72
320189	NIH - Medicine - Weissler	1,756.22
320190	NIH - Dentistry - Kolas	1,542.76
320191	NIH - Dentistry - Rosen	1,468.14
320192	NIH - Obstetrics and Gynecology - Ullery	2,876.25
320193	NIH - Psychiatry - Marks	1,041.53
320197	NIH - Psychology - Meyer	1,133.60
320202	NIH - Medical Microbiology - Bowman	1,298.68
320204	NIH - Medicine - Warren	2,000.00
320208	NIH - Physics - Nelson	1,887.68
320226	NIH - School of Social Work - Cornell	144.00
320235	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,629.21

July 31, 1969 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

330035	Children's Bureau - Psychology - Rie	\$ 1,350.95
330041	PHS - Medicine - Meiling	10,690.21
330042	Children's Bureau - School of Social Work - Schneiderman	4,483.79
330044	PHS - Medicine - Keller	4,850.20
330045	PHS - Medicine - Vasko	3,731.22
330046	PHS - Medicine - Gibson	3,725.89
330047	VRA - School of Allied Medical Professions - Locher	1,626.60
330048	VRA - Speech - Black	1,287.27
330049	VRA - Physical Medicine - Nagi	10,652.45
330050	VRA - Physical Medicine - Johnson	11,252.96
330053	VRA - Sociology - Nagi	1,257.29
330054	VRA - School of Allied Medical Professions - Woods	575.56
330057	Children's Bureau - Medicine - Gibson	2,821.77
330065	Children's Bureau - School of Social Work - Medhurst	253.05
340032	OE - Education - Cook	1,828.18
340061	OE - Center for Vocational and Technical Education - Huffman	2,445.86
340065	OE - Center for Vocational and Technical Education - Taylor	196,460.38
340067	OE - Education - Eberhart	5,259.23
340068	OE - School of Art - Efland	3,748.38
340070	OE - Education - Allen	4,822.25
340071	OE - Education - Hoffman	4,324.89
340075	OE - Center for Vocational and Technical Education - Hensel	2,346.45
340093	OE - Center for Vocational and Technical Education - Johnson	1,124.02
	Total U. S. Department of Health, Education and Welfare	<u>\$404,587.01</u>

U. S. Government - Other

390004	AID - Service Charges for Participants	\$ 6,296.00
390006	AID - India - Education	32,335.29
390009	USN - M. E. N. D. - Shillito	745.64
390013	Veterans' Administration - 10%	325.88
390019	AID - Guinea - Administrative Science	4,000.00
390020	AID - Brazil - Agriculture	40,000.00
390022	AID - Africa - Administrative Science	48.00
390027	AID - Africa - Administrative Science	405.00
390034	AID - India - Agriculture	13,462.11
390035	AID - India - Agriculture	15,734.79

July 31, 1969 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Government - Other (continued)

390036	U. S. Department of Labor - Education - Peters	\$ (1,660.00)
390041	AID - Purdue University (Subcontract)	699.52
390042	AID - India - Education	7,984.62
390044	AID - Administrative Science	2,000.00
390052	AID - Administrative Science	1,000.00
390054	AID - University of Illinois (Subcontract)	4,823.06
390056	Wright-Patterson Graduate Center	25,387.30
390057	Department of the Interior - School of Natural Resources - Dambach	<u>1,316.00</u>
	Total U. S. Government - Other	<u>\$154,903.21</u>

Miscellaneous

410030	State Department of Education - Jennings	\$ 269.34
410041	State Department of Education - Peters	1,244.00
410068	State Library Board - Sisson	751.00
410069	State Department of Education - Peters	1,201.61
410070	State Department of Education - Dowling	2,049.00
531037	Continental Casualty Company	20,136.00
531105	Sloan Foundation - Chemistry - Paquette	1,050.00
531117	L. S. I. Service Corporation - Education	2,417.00
531134	Sloan Foundation - Chemistry - Gassman	<u>1,050.00</u>
	Total Miscellaneous	<u>\$ 30,167.95</u>

Grand Total \$610,045.19

B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1968-69, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
University Hospital - Operating Rooms	801072	960200	\$ (8,599.09)
Main Library - Stacks	801073	149999	(6,905.11)
University Hospital - Closed Circuit Television	801078	960200	(21,557.50)
School of Nursing	801097	149999	(2,834.83)
Land	801099	149997	3,500.00
University Hospital - Dishwasher	801101	960200	(1,365.70)
Oxley Hall Remodeling	801109	149999	(17,250.00)

July 31, 1969 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Upham Hall Remodeling	801116	960200	\$ (14, 939.05)
University Hospital - Corridors and Lobbies	801121	960200	1, 074. 37
University Hospital - 2nd Floor Corridor	801122	960200	(5, 654. 94)
Starling-Loving - Room M364	801135	960200	(880. 96)
University School Remodeling	801140	149993	8, 150. 00
	801140	149997	120, 000. 00
University Hospital - Room N-1046	801142	960200	(6, 639. 24)
University Hospital - Fourth Floor Corridor	801147	960200	(4, 964. 94)
University Hospital - Intensive Care - 4E	801150	960200	(100, 000. 00)
Agricultural Administration Building - Heating and Air Conditioning	801153	149996	3, 300. 00
Sisson Hall - Remodeling West Wing	801154	149997	800. 00
Starling-Loving - Electrical System	801156	960200	57, 500. 00
Physical Education Building - Remodeling	801161	226314	35, 000. 00
Horticulture Building Remodeling	801162	149996	(25, 000. 00)
Journalism Building Remodeling	801164	149993	3, 000. 00
Brown Hall Remodeling	801165	149993	138, 500. 00
Lord Hall Remodeling	801166	149993	36, 455. 00
	801166	152525	21, 200. 00
Denney Hall Remodeling	801167	149993	22, 000. 00
Haskett Hall Remodeling	801168	149993	15, 000. 00
	801168	149996	3, 530. 00
Mendenhall Remodeling	801169	129060	16, 230. 00
	801169	149993	29, 334. 00
Industrial Engineering Remodeling	801170	149993	36, 863. 16
	801170	152525	1, 431. 00
	801170	609632	2, 000. 00
Hagerty Hall Remodeling	801171	149993	24, 900. 00
Systems Engineering Remodeling	801172	149993	28, 797. 00
	801172	149997	10, 000. 00
Medical Center Utilities	801174	149993	10, 000. 00
McPherson Laboratory Remodeling	801177	149993	51, 565. 00
	801177	149997	43, 535. 00
Power Plant - Boiler No. 9	801178	149996	200, 000. 00

July 31, 1969 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Power Plant Boilers No. 6 and No. 7	801179	124353	\$ 10,000.00
	801179	149996	130,000.00
Administration Building - Room 108	801180	149996	20,452.00
Cockins Hall Remodeling	801181	149993	62,825.00
Neil-17th Building Remodeling	801182	149993	46,774.00
Goss Laboratory Remodeling	801183	149996	24,342.00
Horticulture Gardens	801184	149993	32,669.00
Central Service Building - Police Station	801185	149996	40,354.00
Pharmacy Building Remodeling	801186	149996	17,420.00
Main Library - Thurber Collection Area	801187	149996	30,000.00
	801187	521613	9,850.00
Power Plant - Primary Electrical Distribution System	801188	149996	280,000.00
Hamilton Hall - Room 215B	801189	149996	19,789.00
University Hospital - Air Conditioning - Phase III	801190	960200	48,925.00
Administration Building - Air Conditioning - Third Floor - West	801191	117825	8,000.00
Means Hall - Toilet Facilities	801193	960200	33,300.00
Lima Entranceway	801194	149994	30,478.00
Means Hall - Fourth Floor	801195	960200	32,778.00
Starling-Loving - Computer Facility	801196	960200	300,000.00
Pedestrian Bridge	801197	921300	93,000.00
University Hospital - Air Conditioning - South Corridor	801198	960200	26,960.00
Starling-Loving - Fourth Floor - B Wing	801199	960200	26,406.00
South Dormitories - Telephone Ducts	801201	124358	85,000.00
Stadium Drive Improvement	801203	149997	5,000.00
Newark Parking Lot	801204	149994	44,000.00
Hospital - Capital Reserve	809998	960200	250,000.00
Ohio Union Garage	809999	921300	267,229.00
	809999	149993	150,000.00
Horticulture - Plastic Greenhouses	809999	522459	<u>7,014.24</u>
Total			<u>\$2,839,638.41</u>
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July 31, 1969 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 projects be approved by the Board of Trustees:

A. Mansfield Technical Building

This building will provide laboratories, storage facilities and offices for the technical education program at Mansfield leading to the Associate Degree.

Funds for this project have been provided from Item 060, H. B. 886; Item 033, H. B. 828; and an allocation from the appropriation to the Ohio Board of Regents in Am. Sub. H. B. 531.

B. Lima Technical Building

This building will be constructed at the Lima Branch Campus and will provide laboratories, storage facilities, and offices for the technical education program leading to the Associate Degree.

Funds for this project have been provided from Item 063, H. B. 886; Item 033, H. B. 828; an allocation from the appropriation to the Ohio Board of Regents in Am. Sub. H. B. 531; and a Federal Grant (Title I).

C. Roof Repairs for 1969

This project provides repairs and maintenance to the roofs of the Laundry (old) and Garage; Lord Hall; Research Center (Boiler House); and Welding Engineering.

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

D. Lighting Improvements - 1969

This project will provide improved lighting for areas on Neil Avenue, the Oval, 18th Avenue and College Road.

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

E. University Hospital - Improvements to 6th Floor and 7 East Nursing Station

This project provides walltex installation, painting, floor repair and minor electrical and mechanical work as required.

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

VI. PLANS AND SPECIFICATIONS (continued)

F. Primary Electrical Line Relocation

As a result of the construction of the Olentangy Freeway, it is necessary to relocate electrical connections. This work will be accomplished in three phases: (1) Installation of underground ducts and manholes approximately 1,600 ft. along Cannon Drive from the existing McCracken feeder line south to the proposed sub-station site; (2) Purchase of power cables; and (3) Installation and wiring of the above power cables.

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

G. Systems Engineering - Area 480 Computer Facility

This project provides conversion of the present fourth-floor classroom space to additional computer facilities for installation of IBM 360-50, 1460, and 7094 systems and seven associated offices.

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801172 (Systems Engineering Remodeling).

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

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VII. REPORT OF AWARD OF CONTRACTS

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

A. Means Hall - Renovation of Electrical System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 6-12-69)		
Electric Power & Equipment Co. (Columbus)	\$ 179,774.00	\$ 243,450.00

Funds for this project have been provided from Budget Account 801200 (a transfer from Hospital Rotary).

July 31, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Means Hall - Additional Patient Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 6-19-69)		
Waller and Lund, Inc. (Columbus)	\$ 11,840.00	\$ 13,678.00
<u>Mechanical Contract</u>		
(2 bids received 6-12-69)		
Roland Esswein and Sons, Inc. (Columbus)	<u>14,460.00</u>	<u>19,612.00</u>
<u>Total Contracts</u>	<u>\$ 26,300.00</u>	<u>\$ 33,290.00</u>

Funds for this project have been transferred from the Hospital Rotary to Budget Account 801193 (Means Hall Patient Facilities).

C. Underground Duct System - Twelfth Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 6-18-69)		
Pence Electric Company (Columbus)	\$ 17,903.00	\$ 30,000.00

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

D. University College - Building No. 3

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 6-17-69)		
XL Corporation (Columbus)		
Base bid	\$1,268,000.00	\$1,670,493.00
Alt. G-1 Sloping insulating concrete roof fill	18,000.00	21,719.00
Alt. G-3 Bronze finish on aluminum window frames	1,800.00	3,856.00
Alt. G-4 Prefinished and prefit wood doors	-0-	3,700.00
Alt. G-5 Asphalt paving block	8,000.00	22,126.00
Alt. G-6 Service court enlargement	18,000.00	16,000.00
Total Contract	<u>\$1,313,800.00</u>	<u>\$1,737,894.00</u>
<u>Plumbing Contract</u>		
(5 bids received 6-17-69)		
Sauer, Inc. (Columbus)		
Base bid	<u>\$ 99,370.00</u>	<u>\$ 141,200.00</u>

July 31, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. University College - Building No. 3 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u> <u>Conditioning Contract</u> (4 bids received 6-17-69)		
Limbach Company (Columbus)		
Base bid	\$ 386,550.00	\$ 429,850.00
Alt. HVAC-1 Alternate tempera- ture control center	-0-	-0-
Total Contract	<u>\$ 386,550.00</u>	<u>\$ 429,850.00</u>
 <u>Electrical Contract</u> (7 bids received 6-17-69)		
Blum & Son Electric, Inc. (Columbus)		
Base bid	<u>\$ 247,665.00</u>	<u>\$ 323,720.00</u>
 <u>Library Equipment Contract</u> (4 bids received 6-17-69)		
Estey Corporation (Red Bank, New Jersey)		
Base bid	<u>\$ 124,611.00</u>	<u>\$ 224,737.00</u>
<u>Total Contracts</u>	<u>\$2,171,996.00</u>	<u>\$2,857,401.00</u>

Funds for this project have been provided from Item 055, H. B. 949, Item 055, H. B. 886, and a Federal Grant (Title I).

E. Intensive Care-Recovery Rooms Remodeling, University Hospital

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 6-12-69)		
E. J. Will and Company (Columbus)		
Base bid	\$ 118,455.00	\$ 129,819.00
 <u>Plumbing Contract</u> (2 bids received 6-12-69)		
Bruner Corporation (Columbus)		
Base bid	34,226.00	38,200.00
 <u>Heating, Ventilating and Air</u> <u>Conditioning Contract</u> (3 bids received 5-27-69)		
Julian Speer Company (Columbus)		
Base bid	51,700.00	58,370.00

July 31, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Intensive Care-Recovery Rooms Remodeling, University Hospital (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (2 bids received 5-27-69) Electric Power Equipment Co. (Columbus)		
Base bid	\$ 25,281.00	\$ 26,000.00
<u>Total Contracts</u>	<u>\$ 229,662.00</u>	<u>\$ 252,389.00</u>

Funds for this project have been provided by a transfer from University Hospital Rotary to Budget Account 801150 (Remodel Intensive Care - Recovery Rooms).

F. Edith Cockins Hall - Modernization for Faculty Offices

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 6-18-69) Julian Speer Company		
	\$ 27,300.00	\$ 29,000.00

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801181 (Edith Cockins Hall).

G. Laboratory Animal Facility, Off-Site Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Water Main Contract</u> (7 bids received 7-16-69) Complete General Construction Co. (Columbus)		
	\$ 23,960.00	\$ 29,660.00
<u>Sanitary Sewer Contract</u> (7 bids received 7-16-69) Capital City Excavating Co., Inc. (Columbus)		
	\$ 63,590.07	\$ 74,915.00
<u>Total Contracts</u>	<u>\$ 87,550.07</u>	<u>\$ 104,575.00</u>

Funds for this project have been provided from Budget Account 179997 (University Treasurer Research), Budget Account 179999 (University Treasurer General Fund), Budget Account 226396 (Mershon Unrestricted), Budget Account 809998 (Hospital), Budget Account 149993 (Plant Funds Reserve) and a Public Health Service Grant.

July 31, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

H. University School Building Renovation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
7 bids received 7-17-69)		
Robert H. Johns (Columbus)		
Base bid	\$ 29,988.00	\$ 30,150.00
Alt. G-1 Provide louver screens for windows in Rooms 306, 307, 307A, 308, 308A, 309, 310, 311, 311B and 311C	<u>2,200.00</u>	<u>2,500.00</u>
Total Contract	<u>\$ 32,188.00</u>	<u>\$ 32,650.00</u>
<u>Plumbing Contract</u>		
(6 bids received 7-17-69)		
Bruner Corporation (Columbus)		
Base bid	<u>\$ 1,125.00</u>	<u>\$ 3,000.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 7-17-69)		
Bruner Corporation (Columbus)		
Base bid	<u>\$ 1,075.00</u>	<u>\$ 4,300.00</u>
<u>Electric Contract</u>		
(3 bids received 7-17-69)		
Armstrong Electric Co. (Columbus)		
Base bid	\$ 22,200.00	\$ 35,931.00
Alt. E-3 Provide 750 KVA transformer	<u>24,490.00</u>	<u>12,000.00</u>
Total Contract	<u>\$ 46,690.00</u>	<u>\$ 47,931.00</u>
<u>Total Contracts</u>	<u>\$ 81,078.00</u>	<u>\$ 87,881.00</u>

Funds for this project have been provided by a transfer from Budget Account 179999 (University Treasurer General Fund) and Budget Account 149997 (New Program Reserve) to Budget Account 801140 (University School Remodeling).

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

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- No. 14 Approves the release of \$5,739.00 from Item 038, H. B. 886, for Sound Control and Light Switches in Lecture Hall 100; additional areas for demonstration, preparation of experiments and visual aid work in the Auto-Tutorial Laboratory; relocation of light switch panel in Library Room 200; and additional circuitry for the Auto-Tutorial Carrels, at the Marion Branch.
- No. 15 Approves the award of the Plumbing Contract; Heating, Ventilating and Air Conditioning Contract; and Electrical Contract for the project "Allied Medical Professions" notwithstanding the fact that the low bids were over the estimate of cost and the transfer of \$1,918,440.00 from Item 016, H. B. 886 (Medical Complex), to Item 062, H. B. 886, (School of Allied Medical Professions) to provide funds for construction.
- No. 21 Approves the allocation and release of \$1,778,100.00 from deposits in the Improvements Fund (Federal recoveries) for the construction of the project "University College (General College) Building No. 3."

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XI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement and Three Work Agreements to Franklin County, Kinnear Road

WHEREAS, the Franklin County Engineer has requested an easement for the realignment and improvement of Kinnear Road and three work agreements to provide for the construction of backslopes and drainage facilities over and through property titled in the name of the State of Ohio on behalf of The Ohio State University; and

WHEREAS, upon completion of the relocation of Kinnear Road the County will vacate to the University the present right-of-way which will be abandoned;

THEREFORE, BE IT RESOLVED, that the Board of Trustees of The Ohio State University authorize the President and/or the Vice President for Business and Finance to execute an easement for highway purposes and the three work agreements to provide for the relocation and improvement to Kinnear Road, pursuant to Section 3335.11 of the Ohio Revised Code.

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

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

B. Laboratory Animal Facility - Private Utility Agreements

WHEREAS, a private sewer agreement and a private water agreement are required with the City of Columbus for utilities for the Laboratory Animal Facility to be connected to the City of Columbus facilities;

IT WAS RECOMMENDED that the necessary agreements to provide these utilities to the Laboratory Animal Facility be negotiated and signed with the City of Columbus; and

IT WAS RECOMMENDED FURTHER that the President and/or the Vice President for Business and Finance be authorized to sign the private sewer agreement and the private water agreement with the City of Columbus to provide the University's Laboratory Animal Facility with City utilities.

Upon motion of Mr. Dunlap, seconded by Mr. Bricker, the above resolutions were adopted by unanimous roll call vote.

C. Control of Dogs, Other Domestic Animals, or Fowl

WHEREAS, The Ohio State University has no rules at the present time to prohibit dogs from being permitted to run at large on the University campus;

IT WAS RECOMMENDED THEREFORE that a new section of the University Rules be adopted to read as follows:

No person, being the owner or keeper, or harboring or having charge of any dog, other domestic animal, or fowl, shall permit the same to run at large upon the grounds of The Ohio State University. Any dog, other domestic animal, or fowl, brought onto the grounds of The Ohio State University must, by the owner, keeper, or person having charge of such dog, other domestic animal, or fowl, keep same restrained or confined through the use of a leash at all times while on the said grounds of the University.

Any dog, domestic animal, or fowl, found to be in violation of this rule and regulation may be taken into custody by University authorities and said animal, or fowl, will be held and turned over to the Humane Society for their disposition.

Any suspected rabid 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 ten days in order to determine the definite development of rabid symptoms or for such further period as an examining veterinarian may deem necessary.

July 31, 1969 meeting, Board of Trustees

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

C. Control of Dogs, Other Domestic Animals, or Fowl (continued)

The foregoing recommendation has been reviewed by the Special Counsel for The Ohio State University, appointed by the Attorney General of the State of Ohio, and approved by him.

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

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Charles A. Dice, Professor Emeritus in the College of Administrative Science - Finance and Banking, and Melville L. Wolfrom, Regents Professor in the Department of Chemistry. 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. Charles A. Dice

The Board of Trustees expresses its sorrow at the death on May 27, 1969, of Dr. Charles A. Dice, Professor Emeritus in the College of Administrative Science - Finance and Banking.

Dr. Dice was born in Strasburg, Ohio, on November 5, 1878. He received his Bachelor of Arts degree from Ohio Northern University in 1905, and his Bachelor of Divinity degree from Drew Theological Seminary in 1908. He earned his Master of Arts degree from Harvard University in 1911, and his Doctor of Philosophy degree from the University of Wisconsin in 1925.

Professor Dice was in charge of a statistical section in the Shipping Board in Washington, D. C., in 1918, and in 1920 he was employed in the Foreign Exchange Department of the Chase National Bank in New York City. He was a Professor at Ohio Northern University from 1911 to 1913, Professor at Rockford College, 1916-1917, and Assistant Professor at Colorado College, 1917-1919. He came to The Ohio State University in 1919 as Assistant Professor of Money and Banking in the former Department of Business Organization and the Department of Economics and was promoted to Professor in 1926. He retired in 1949 after 29 years with The Ohio State University. He was awarded an honorary Doctor of Laws degree by The Ohio State University in 1957.

In 1932 he was appointed to the advisory Board of the Ohio National Bank, Columbus, Ohio, and served on the Board for many years until it was dissolved.

July 31, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Charles A. Dice (continued)

Dr. Dice, in 1952, established the Anna M. Dice Memorial Fellowship for Graduate Students, in honor of his late wife. In 1966 a group of Dr. Dice's former students, associates and friends established the Charles A. Dice Fund, designated for the advancement of knowledge and encouragement of careers in economics, business and banking.

Professor Dice held memberships in the American Economics Association and the Faculty Club; Beta Gamma Sigma and Phi Alpha Kappa, honorary fraternities; Alpha Kappa Psi, professional fraternity; and Tau Kappa Epsilon, social fraternity.

Dr. Dice gained national and international recognition with the publication in 1926 of his book The Stock Market. Dr. Dice was one of the best teachers, and perhaps the best loved professor, in the College of Commerce and Administration (now the College of Administrative Science). He is listed in Who's Who in America.

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. Melville L. Wolfrom

The Board of Trustees expresses its sorrow at the death on June 20, 1969, of Melville Lawrence Wolfrom, Regents Professor in the Department of Chemistry.

Melville Wolfrom was born in Bellevue, Ohio, on April 2, 1900. He received his A. B. degree (cum laude) with a major in chemistry from The Ohio State University in 1924, and the M. Sc. and Ph. D. degrees in organic chemistry from Northwestern University in 1925 and 1927, respectively. He was a National Research Council Fellow in Chemistry from 1927 to 1929 with C. S. Hudson (National Bureau of Standards, Washington, D. C.), P. A. Levene (The Rockefeller Institute for Medical Research, New York, N. Y.) and W. L. Evans (Department of Chemistry, The Ohio State University, Columbus, Ohio). He was a Fellow of the John Simon Guggenheim Memorial Foundation in 1939 with P. Karrer at the University of Zurich, Switzerland. He joined the faculty of The Ohio State University in 1929 as an Instructor in the Department of Chemistry and became an Assistant Professor in 1930. In 1936 he was promoted to Associate Professor and became Professor in 1940. He served as Head of the Division of Organic Chemistry in the Department of Chemistry from 1948 to 1960 when he was named Research Professor. In 1965 he was made Regents Professor. During his tenure at The Ohio State University Professor Wolfrom taught organic chemistry at all levels and supervised the research of nearly one hundred Ph.D. students, together with numerous post-doctoral associates and M.S. students.

July 31, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Melville L. Wolfrom (continued)

Professor Wolfrom was internationally recognized as an outstanding leader in carbohydrate chemistry. He was active in many professional associations. As a member of the American Chemical Society, he served as Chairman of the Cellulose Division in 1940 and the Sugar Division in 1948. He also served as Chairman of the Columbus Section in 1940. He was a Member (or Fellow) of the American Association for the Advancement of Science, Chemical Society (London), American Society of Biological Chemists, American Academy of Arts and Sciences, Phi Beta Kappa, Sigma Xi, Phi Lambda Upsilon, Pi Mu Epsilon, Alpha Chi Sigma and was listed in Who's Who in America. He was elected to the National Academy of Sciences in 1950.

Professor Wolfrom has authored more than 500 published articles describing research on the organic chemistry of carbohydrates and other natural products. His work on carbohydrates provided a wide range of basic developments in the field, and other aspects of his research are related to problems in medicine, the food industry and the textile industry. He was editor of the annual series of specialist reviews Advances in Carbohydrate Chemistry since its inception in 1944. He was also Section Editor of the Carbohydrate section in Chemical Abstracts. As chairman of the Carbohydrate Nomenclature Committee of the American Chemical Society and member of an international committee on carbohydrate nomenclature, he coordinated the development of the systematic terminology now in use for the carbohydrates. In 1952 he received the Honor Award of the Division of Carbohydrate Chemistry of the American Chemical Society. He was honored by the Austrian Government for work in connection with the 1958 International Congress of Biochemistry held in Vienna. In 1967 he received the Austin Patterson Award for his work in chemical documentation and later that year he received the Kenneth A. Spencer Award for his contributions to agricultural chemistry.

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

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XI. REPORTS

A. Report on the University's Investment Portfolio

The report dated July 30, 1969, 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.

July 31, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee

2. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and Other Matters Related Thereto

Mr. Jones presented the following resolution:

RESOLVED, that the Board of Trustees hereby adopts the Series J Bond Resolution as set forth in the Fifth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus as Trustee, (presented to this meeting and marked Supplement A, page 61).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement (as presented to this meeting and marked Supplement A) in all respects and the officers designated in the Series J Bond Resolution are hereby authorized to execute and deliver said Fifth Supplemental Trust Agreement, in substantially the form presented, to The Ohio National Bank of Columbus, as Trustee, at such time as they may deem appropriate.

FURTHER RESOLVED, that the certificates of the President and Vice President, Business and Finance, of the University, attached hereto and marked respectively Supplement B (page 97) and Supplement C (page 101) Supplement B setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution, and Supplement C certifying as to there being no default under the Original Trust Agreement and Certain Facts pursuant to Section 2.03(4) of the Trust Agreement, be and the same are hereby approved.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolutions adopted by the Board on September 1, 1958 and June 11, 1960 relating to the parietal rules governing the use and occupancy of the University dormitory facilities to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolution heretofore adopted by the Board of Trustees on July 31, 1969 pertaining to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fifth Supplemental Trust Agreement or the Original Trust Agreement, or the Loan Agreement with the United States of America Contract No. H(402)3007, dated January 1, 1968 and authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited pursuant to said Original Trust Agreement and the Executive Officer or Fiscal

July 31, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and Other Matters Related Thereto (continued)

Officer, or any one of them, are authorized to arrange for such accounts at such banks as the officer acting may determine and the Secretary of this Board is authorized to include in the minutes as hereby adopted any standard form of bank resolution required in connection with effecting the foregoing.

FURTHER RESOLVED, that the Executive Officer or Fiscal Officer of the University, or any one of them, are authorized and directed to do all things necessary for the sale of the Series J Bonds, subject, however, to all applicable provisions of the Series J Bond Resolution and the Loan Agreement with the United States of America.

FURTHER RESOLVED, that in addition to other terms herein defined, the term "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University; the terms "Original Bond Resolution," "Dormitory Facilities," "Trust Agreement," and "Project" shall have the same meanings as are given to them in the Series J Bond Resolution.

FURTHER RESOLVED, that the adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement on September 12, 1968, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement by the aforesaid act this day.

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

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Thereupon the Board adjourned to meet Thursday, September 11, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

SUPPLEMENT A

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

Page 62 Blank

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

THIS FIFTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 15th day of April, 1968 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1957 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959, April 15, 1961, April 15, 1963, and August 1, 1967, respectively entered into First, Second, Third and Fourth Supplemental Trust Agreements (which original Trust Agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$31,560,000 Series A, B, C, D, E, F, G, H and I Dormitory Revenue Bonds have been authorized and have been or are to be issued and under which additional bonds (herein called "Additional Bonds") are issuable on a parity with the said Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

WHEREAS, the University has in all respects complied with the provisions of the Trust Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$3,000,000 Additional Bonds; and

Fifth Supplemental Trust Agreement

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$3,000,000 of Additional Bonds (herein called the Series J Bonds); and

WHEREAS, the Board of Trustees of the University has duly adopted on July 31, 1969 the Series J Bond Resolution providing for the Series J Bonds and this Supplement, which resolution collectively with the Original Bond Resolution, the Series C and D Bond Resolutions adopted July 8, 1960, the Series E, F, G, and H Bond Resolution adopted June 15, 1962, and the Series I Bond Resolution adopted July 13, 1967 is referred to as the Bond Resolution; and

WHEREAS, the Series J Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$3,000,000 The Ohio State University Dormitory Revenue Bonds, Series J, as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of constructing and equipping Jones Tower.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the Board) is vested with the government of The Ohio State University (herein called the University or, when the context admits, collectively with the Board called the University) by Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all land, buildings and other property of the University and control of all expenses therefor; and

WHEREAS, by authority of Section 3345.07 of the Revised Code of Ohio, the Board is authorized to construct, equip, maintain and operate upon sites within, or in close proximity to, the campus of the University, buildings to be used as dormitories and as other suitable living quarters, or as dining halls, for students and members of the faculty and servants and wives and families of married students

Fifth Supplemental Trust Agreement

of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services of facilities to be provided by such buildings) and to pay for the same out of funds in its possession derived from operation of any such buildings under its control or out of funds borrowed therefor and to borrow funds for such purpose upon such terms as said Board may deem proper and issue notes or other written instruments evidencing such indebtedness provided that such indebtedness shall not be a claim against or lien upon any property of the State or any property of or under the control of said Board excepting such parts of the receipts of the operation of any such buildings under control of the Board as it may pledge to secure the payment of such indebtedness and by authority of said Section 3345.07 the Board is also authorized to issue such notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.07; and

WHEREAS, the University determined by resolution adopted April 8, 1957 (herein called the Original Bond Resolution and collectively with this resolution, the Series C and D Bond Resolution adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962 and the Series I Bond Resolution adopted July 13, 1967, called the Bond Resolution) to provide for the issuance of Dormitory Revenue Bonds and pursuant to the Trust Agreement dated as of April 15, 1957 with The Ohio National Bank of Columbus (herein, with the First, Second, Third, Fourth and Fifth Supplements, called the Trust Agreement), to pledge the net income of all the dormitory facilities, including married student housing and dining halls, now or hereafter under control of the University pursuant to Ohio Revised Code Section 3345.07, and to provide in said Trust Agreement for the issuance of such Bonds

Fifth Supplemental Trust Agreement

(herein called the Bonds) as from time to time authorized subject to the conditions contained in said Trust Agreement, and by the Original Bond Resolution and the Trust Agreement provided for the sale of an initial issue of \$12,000,000 consisting of \$6,000,000 Series A Bonds and \$6,000,000 Series B Bonds (herein called the Series A and Series B Bonds) and for the issuance from time to time as authorized by the Board of additional bonds (herein called Additional Bonds) on a parity with said initial issue of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds, \$2,850,000 Series H Bonds and \$10,500,000 Series I Bonds have been authorized and issued and the unmatured portions of such Series A through I Bonds are presently outstanding; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities on a basis equal or prior to the pledges under the Trust Agreement; and

WHEREAS, the University has determined to sell an issue of \$3,000,000 Additional Bonds as Series J Bonds (herein called the Series J Bonds) all as provided in the Trust Agreement; and

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip additional dormitory facilities to be known as Jones Tower (said dormitory building and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans prepared by the University Architect and approved by the Department of Public Works of Ohio and the Department of Housing and Urban Development of the United States of America (herein called the Government); and

Fifth Supplemental Trust Agreement

WHEREAS, based upon final construction and other costs, the University has determined the costs of the Project to be \$4,000,000, including capitalized interest, miscellaneous expense and contingencies; and

WHEREAS, the University has heretofore by the Series I Bond Resolution adopted July 13, 1967, allocated \$610,000 of the proceeds of the sale of the Series I Bonds to the Series J Construction Fund hereinafter provided for to be held for paying costs of the Project and the University has \$390,000 of funds otherwise available for such purpose which this Board has heretofore authorized and directed be deposited in said Series J Construction Fund to be held and used for paying costs of the Project; and

WHEREAS, the University has determined to borrow the balance of the funds to pay the foregoing costs, and to advertise for bids, subject to the terms of the loan agreement (numbered Contract No. H (402) 3007) dated as of January 1, 1968 covering Project No. CH-Ohio-216 (D) (herein with any amendments thereto called the Loan Agreement) with the Government under which the Government agrees, subject to the terms of the Loan Agreement, to purchase the \$3,000,000 Dormitory Revenue Bonds, Series J.

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

Section 1. Purpose of Series J Bonds. It is hereby determined to be necessary to construct the Project and to issue \$3,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement for the purpose of paying part of the cost of the Project and of all things incidental thereto or incidental to the financing thereof, including repayment of moneys previously borrowed or advanced for the Project or restoring amounts used for the Project from other funds of the University available for such purposes, excepting, however, the sum of \$610,000 allocated from the proceeds of the Series I Bonds and the \$390,000 of other

Fifth Supplemental Trust Agreement

funds otherwise available for such purpose deposited to the Series J Construction Fund under this Resolution.

Section 2. Terms of Series J Bonds. Said \$3,000,000 of Dormitory Revenue Bonds Series J shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds." The Series J Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of April 15, 1968, and shall be issued as negotiable coupon bonds, registrable as to principal in the denomination of \$5,000 or as single maturity fully registered bonds without coupons in denominations of \$5,000 or any multiples thereof, as requested by the Original Purchaser or Purchasers of such Bond or Bonds; provided, however, that until such time as the Original Purchaser or Purchasers request(s) the preparation of definitive bonds, a single multiple maturity, fully registered bond or bonds without coupons shall be issued in an amount equal to the bonds contracted for by said Purchaser or Purchasers and thereafter at the request of the holder(s) thereof the University will, at its expense and within ninety days from such request, issue to him in exchange therefor definitive bonds, as aforesaid, in aggregate principal amount equal to the unpaid principal of such single bond. The Series J Bonds in fully registered form without coupons shall be dated as of the interest payment date on which they are authenticated or the interest payment date next preceding the date of authentication, subject, however, to the terms of the Loan Agreement. The Series J Bonds in coupon form shall be numbered J 1 to J 800, inclusive, in order of maturity, and fully registered Bonds without coupons shall be numbered as determined by the Fiscal Officer, shall bear interest from their date or from the last interest payment date preceding the date of issuance, payable semi-annually on April fifteenth and October fifteenth of each year, beginning with October

Fifth Supplemental Trust Agreement

15, 1968, until the principal sum is paid, at the rate or rates per annum stipulated in the bid or bids of the successful bidders and approved in writing by the President or Fiscal Officer of the University, (or in the case of Bonds purchased by the Government pursuant to the Loan Agreement, at the rate specified in the Loan Agreement) provided that no such rate shall exceed 6% per annum. The Series J Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>
1971-1974	\$45,000	1989-1990	\$ 75,000	2001	\$105,000
1975-1977	50,000	1991-1993	80,000	2002-2003	110,000
1978-1980	55,000	1994	85,000	2004	115,000
1981-1983	60,000	1995-1996	90,000	2005	120,000
1984-1985	65,000	1997-1998	95,000	2006-2007	125,000
1986-1988	70,000	1999-2000	100,000	2008	130,000

The Series J Bonds maturing on and after October 15, 1979 shall be subject to redemption in whole or in part in inverse order of maturity, prior to the stated maturity thereof at the option of the University on any interest payment date on and after April 15, 1979, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 3 % if redeemed April 15, 1979 through October 15, 1983, inc.
- 2-1/2% if redeemed April 15, 1984 through October 15, 1988, inc.
- 2 % if redeemed April 15, 1989 through October 15, 1993, inc.
- 1-1/2% if redeemed April 15, 1994 through October 15, 1998, inc.
- 1 % if redeemed April 15, 1999 through October 15, 2003, inc.
- 0 % if redeemed April 15, 2004 or thereafter

If some but less than all of one maturity are to be called, the selection of coupon bonds or portions of fully registered bonds of that maturity to be called shall be chosen by lot conducted by the Trustee under the Trust Agreement. If single multiple maturity fully registered bond or bonds is or are issued for the Series J Bonds, the annual principal payments with respect thereto may be prepaid in the above manner, and, if the Government is the holder, the University may, at its option, prepay from funds available therefor, on any interest payment date, the entire unpaid principal amount of the Series J Bonds or from time to time, in the inverse chronological order of the aforesaid

Fifth Supplemental Trust Agreement

installments, a lesser proportion thereof in multiples of \$5,000. Call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series J Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation, published in the English language in New York City and in an English language newspaper of general circulation in Columbus, Ohio, the first publication to be not less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on said redemption date. If the Series J Bonds are all registered, or are issued as a single multiple maturity fully registered bond or bonds, published notice of redemption shall not be required, but notice by registered or certified mail shall be given not less than thirty (30) days prior to the date of redemption to the registered owner or owners at the address(es) appearing on the Bond Registry. Except in the case of redemption of Bonds held by the Government from the Construction Fund as provided in Section 4 of this Resolution, or in a corresponding provision of a resolution authorizing Additional Bonds, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

Subject to the terms of the Loan Agreement, the principal and interest of the Series J Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (presently, The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal corporate trust office of the United States Trust Company of New York, in the Borough of Manhattan, City and State of New York except that interest on fully

Fifth Supplemental Trust Agreement

registered bonds is payable by check as provided in the Trust Agreement, and principal on fully Registered Bonds may also be payable at such additional place or places, at the option of the holder as shall be designated by the Fiscal Officer of the University; provided, however, that payment of principal and interest on a single multiple maturity fully registered bond without coupons may at the request of the registered owner be made on each principal and interest payment date by draft or check mailed to such registered owner, or, if the Government is the registered owner, to the Federal Reserve Bank of Richmond, Richmond, Virginia, or to such other place as may be designated by the Government.

The Series J Bonds shall have such other terms and conditions and shall be issued, executed and delivered as provided by the applicable provisions of the Trust Agreement, and of or pursuant to the Loan Agreement.

Section 3. Sale of Series J Bonds. The \$3,000,000 Series J Bonds shall be advertised for sale, awarded and delivered by the President or the Fiscal Officer of the University pursuant to the provisions of the Loan Agreement, and said officers and each of them are authorized to take any and all actions necessary of the Government.

Section 4. Allocation of Proceeds of Series J Bonds. Upon the issuance and delivery of the Series J Bonds, the proceeds from the sale of said Bonds shall be forthwith deposited and applied by the University as follows:

- (1) The portion representing accrued interest to the Debt Service Fund provided for in the Original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds to the Debt Service Reserve Funds.
- (2) To the University, the amounts necessary to reimburse the University for amounts in excess of \$1,000,000 expended by it on costs of construction of the Project prior to issuance of the Series J Bonds. (Said \$1,000,000 consisting of the \$610,000 of the proceeds of the Series I Bonds allocated to the Construction Fund under the Series I Bond Resolution and the \$390,000 of funds otherwise available for such purpose and deposited by the University in the Construction Fund).

Fifth Supplemental Trust Agreement

(3) The balance to the Series J Construction Fund (hereinbefore and hereinafter called the "Construction Fund") to be held by the Trustee to pay costs of construction of the Project and to pay all incidental expenses of the Project and the financing thereof, including repayment (with interest) of money borrowed by the University for such purposes in accordance with the Loan Agreement.

(4) Any balance remaining in the Construction Fund after payment, or retention of funds sufficient to pay, costs and other amounts provided for in (3) above, shall be promptly applied to the extent possible for the retirement at par plus accrued interest in inverse order of maturity of Series J Bonds, if any, then held by the Government, and any portion not needed for such retirement shall be transferred to the Debt Service Reserve Fund.

No part of the proceeds of Series J Bonds sold to the Government shall be used to pay costs (including cost of movable equipment or fees of a financial advisor) which, under the Loan Agreement or under the rules, regulations or practices of the Department of Housing and Urban Development, may not be paid from proceeds of Bonds purchased by the Government through that agency, and proceeds of Bonds purchased by the Government as aforesaid shall be segregated in the Construction Fund to the extent necessary to effect the foregoing and none of the funds in the Construction Fund shall be applied in any manner contrary to the Loan Agreement.

The Trustee shall apply said Construction Fund to the payment of such items as from time to time are requested in writing by the Fiscal Officer of the University. Such written request shall include a certificate by such official that the amount to be paid from such Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such written request shall certify that such payment was certified as due under such contract by a qualified architect or engineer.

To the extent the moneys in the Construction Fund exceed the estimated disbursements needed to pay the costs of the Project for the next ninety (90) days the Construction Fund shall be deposited by the Trustee in banks that are members

Fifth Supplemental Trust Agreement

of the Federal Deposit Insurance Corporation, or invested by the Trustee in such direct obligations of, or obligations the principal of and interest on which are guaranteed by, the United States which shall not mature later than eighteen (18) months after the date of such investment and which shall be subject to redemption at any time, in either event as shall be directed in writing by the President or the Fiscal Officer of the University, which writing shall designate maturities and amounts which, as nearly as practicable, would, through maturities, provide funds when needed to pay costs for which the fund has been established. Such investments and the proceeds of sale thereof shall constitute part of the fund from which the investment was made. Interest on such investments may be paid to the Dormitory Revenue Fund or applied to the purposes of the fund from which the said investments shall be sold, exchanged or collected from time to time as directed in writing by the President or the Fiscal Officer of the University and the Trustee shall be under no liability in connection with such investment, sale, exchange or collection thereof provided the directions of said officers are followed. No direction shall be made to invest the Construction Fund except as permitted by the Loan Agreement.

Section 5. Additional Bonds. (a) The Board shall have the right from time to time to issue Additional Bonds under the Trust Agreement if necessary to pay the costs of completing the Project or completing any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of the documents required by Section 2.03 of the Trust Agreement. Nothing herein or in the Trust Agreement shall require any earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the

Fifth Supplemental Trust Agreement

University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such additional Bonds are issued, the University shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three-tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies, devises or grants or other sources for payment when due of principal and interest on the Bonds will be at least one and three-tenths (1.3) times the principal and interest requirements for that period; (3) showing that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates

Fifth Supplemental Trust Agreement

provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

The first call date on Additional Bonds shall not be earlier than the first call date on any issue of Bonds outstanding at the time of issue of such Additional Bonds.

Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H, I and J Bonds and all Additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall have all the incidents of negotiable instruments under the laws of Ohio, shall express upon their face the purpose for which they are issued, and shall be issued pursuant to Section 3345.07 of the Revised Code of Ohio. Unless otherwise provided by the Board, the Bonds shall be signed by the Chairman of the Board or bear his facsimile signature, shall be signed by the President of the University or bear his facsimile signature, shall be attested by the Secretary of the Board or by the Vice President, Business and Finance of the University, and may be sealed with the seal of the University or a facsimile thereof, and interest coupons attached to the Bonds shall bear the facsimile signature of the Secretary of the Board or of the Vice President, Business and Finance of the University. In case any officer whose signature or a facsimile of whose signature shall appear on any Bonds or coupons shall cease to be such officer before the delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds, of any series may be called unless the same proportion of the

Fifth Supplemental Trust Agreement

outstanding Bonds of each other series, then callable, are called at the same time. The additional Bonds shall bear such designations as may be necessary to distinguish them from other Bonds having different provisions and shall have maturities, interest rates, interest payment dates, redemption provisions, denominations, registration provisions, and other provisions as provided in the Resolution providing for issuance of the Additional Bonds, provided, however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement and in the Bonds, the Bonds shall be equally and ratably payable from and secured by pledge of, the receipts from the operation of all dormitory facilities now or hereafter under control of the Board including the dining facilities constituting a part thereof, after provision for reasonable and proper expenses of operation and maintenance of such facilities; and anything in this Resolution, the Bonds or the Trust Agreement to the contrary notwithstanding, neither this Resolution, the Bonds, nor the Trust Agreement shall be a claim against or a lien upon any property of the State of Ohio or any property of or under the control of the Board except the portion of said receipts pledged as provided herein; provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using, or pledging, to the extent it is lawfully authorized to do so, any of its other resources or revenues for the fulfillment of any of the terms, conditions or obligations of the Trust Agreement, this Resolution, or any of the bonds.

Section 7. Covenants of the University. The University covenants with the holders of the Bonds and with the Trustee under the Trust Agreement that (a) it will adopt and maintain so long as any of the Bonds are outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from, the dormitory facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special

Fifth Supplemental Trust Agreement

Funds required by Section 8 of this Resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (e) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25% of the outstanding Bonds, or their authorized representatives, to inspect the dormitory facilities and any books, documents and vouchers relating thereto; (f) it will furnish heat, light, power, water and other necessary services to the dormitory facilities at not in excess of reasonable cost; (g) it will comply with all the terms and conditions of the respective Loan Agreements with the Department of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, H and J Bonds; (h) it will insure the dormitory facilities as required by the Trust Agreement and apply the proceeds of

Fifth Supplemental Trust Agreement

such insurance as provided therein; and (i) will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund," which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

Under the Original Bond Resolution there shall be maintained in the Dormitory Revenue Fund, as an Operating Reserve, such amount as is from time to time certified by the Fiscal Officer of the University as adequate and necessary for working capital for operation and maintenance of the dormitory facilities; provided, that such Operating Reserve shall not exceed one-fourth of the operating and maintenance expenses of the dormitory facilities for the preceding 12 months.

All receipts from dormitory facilities now or hereafter under the control of the Board, including the dining halls constituting part thereof, shall be deposited in the Dormitory Revenue Fund.

The Dormitory Revenue Fund, including the Operating Reserve, shall be applied to pay when due all reasonable and proper expenses of operation and maintenance (as defined in Section 10) of the dormitory facilities, excluding extraordinary repair and replacement expenses payable from the Contingency Repair and Replacement Fund and expenses of or provision for depreciation or capital replacement.

The remainder of the Dormitory Revenue Fund, after retaining therein the then current Operating Reserve and payment of said operation and maintenance expenses then due, shall be applied as provided in the Original Bond Resolution, namely, as follows and in the following order of priority:

Fifth Supplemental Trust Agreement

First: Into the Debt Service Fund, to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, the amounts provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G, H and I Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G, H and I Bonds and, in addition, (1) on or before April 1 and October 1 of each year an amount equal to the interest due and on the next ensuing interest payment date in that year on the Series J Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount then remaining in said Debt Service Fund from the accrued interest and from the funds deposited therein for capitalized interest pursuant to Section 4 of this Resolution; (2) on or before April 1 and October 1 of each year, the equal semi-annual amounts necessary to provide for payment of any principal maturity in that year on the Series J Bonds; (3) if Additional Bonds shall be issued under the Trust Agreement, such additional amounts and at such times as specified in the resolution authorizing such Additional Bonds, which amounts shall be not less than necessary to provide in the Debt Service Fund amounts, in addition to the amounts hereinbefore provided for the Series A, B, C, D, E, F, G, H, I and J Bonds, sufficient to pay in full interest and principal on all Additional Bonds then outstanding, as the same shall become due and payable provided that no payments need be made to the Debt Service Fund so long as the amounts in the Debt Service Fund and Debt Service Reserve Fund aggregate at least the total principal and interest payable on all Bonds then outstanding to the dates of their respective maturities.

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and

Fifth Supplemental Trust Agreement

maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum principal and interest requirements for any consecutive two-year period on all Bonds at the time outstanding;

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one percent of the cost of construction on all dormitory facilities then under the control of the Board and 3 percent of the cost of movable equipment for all such dormitory facilities, which fund may be used by the University to the extent necessary for payment of principal and interest on the Bonds or for extraordinary repairs and replacements to the dormitory facilities or for construction or equipping of additional dormitory facilities;

Fourth: On April 1 and October 1 of each year, to the foregoing funds, such amounts as may be necessary to make up previous deficiency in any deposits required by the foregoing paragraphs of this section;

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Fourth above and so long as the amounts in the Debt Service Reserve Fund are at least equal to the then required reserve, any amounts in the Dormitory Revenue Fund, after reserving therein the then current Operating Reserve, may be used for any purpose of the University for which such funds may lawfully be used.

The Debt Service Fund is irrevocably pledged to and shall be used by the Trustee for the payment of principal and interest on the Bonds and, until required for such purposes, shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity

Fifth Supplemental Trust Agreement

of the respective obligations is not later than the date on which such funds will be required for payment of such principal and interest. The Trustee shall transfer from the Debt Service Fund to the Paying Agents amounts sufficient to enable said Paying Agents to pay when due principal and interest on the Bonds, or the Trustee shall make such credit arrangements with said Paying Agents as to permit such payments.

The Debt Service Reserve Fund is irrevocably pledged to, and shall be used by the Trustee for, the payment of principal and interest on the Bonds if other available funds are insufficient for that purpose, and, to the extent herein provided, for purchase or redemption of Bonds. Until required for such purposes it shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing, which obligations shall, subject to the applicable provisions of the Loan Agreement, mature not more than five years from the date of investment. The Trustee shall transfer from the Debt Service Reserve Fund to the Debt Service Fund such amounts as are necessary in addition to amounts available in the Debt Service Fund, including funds transferred from the Contingency Repair and Replacement Fund, to enable said Paying Agents to pay when due the principal and interest on the Bonds.

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any investments of the fund other than direct obligations of the United States maturing within five years from the date of such calculation, but, in all other respects, such investments shall be valued at their face amount or market value, whichever is lower.

Fifth Supplemental Trust Agreement

The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided. The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of this fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment subject, however, to the applicable provisions of the Loan Agreement.

Investments made pursuant to this Section 8 of any amounts in any Special Fund herein created and the interest thereon and the proceeds thereof shall constitute part of that Special Fund and be added to that particular fund. Such investments shall be sold, exchanged or collected from time to time as directed by the President and the Fiscal Officer of the University, and the Trustee shall be under no liability and have no responsibility in connection with such investment, or the sale, exchange or collection thereof, provided the directions of said officers are followed.

Section 9. Trust Agreement. In order to secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman

Fifth Supplemental Trust Agreement

of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fifth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the University as the Officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series J Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable to the Series A, B, C, D, E, F, G, H and I Bonds or to the Projects to be constructed from the proceeds of such Series of Bonds shall be deemed equally applicable to the Series J Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 10. Definitions. Where the context permits, the following terms as used in this Resolution or in the Trust Agreement shall have the following meanings: (1) "the Fiscal Officer" shall mean the Vice President, Business and Finance, of the University or any official or employee performing the duties of such officer for the time being. The Comptroller, or the Assistant Vice President - Assistant Treasurer, or any official or employee performing the duties of such officers for the time being, shall also be "a Fiscal Officer" when the context so permits. (2) "Additional Bonds" shall mean Bonds issued pursuant to the Trust Agreement in addition to and on a parity with the Series A, B, C, D, E, F, G, H, I and J Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, I and J Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed,

Fifth Supplemental Trust Agreement

equipped, maintained and operated by Section 3345.07 of the Revised Code of Ohio, including the dormitories, additions to dormitories, dining facilities, and married student housing facilities or projects and all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the campus;

(5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof; (6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Fifth Supplemental Trust Agreement

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the sale referred to in Section 3 above and the Loan Agreement referred to in said Section, and to effect the execution, sale and delivery of said Series J Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. It may be required as part of the terms of sale of the Series J Bonds that prior to or at the time of delivery of the Series J Bonds there shall have been executed and delivered contracts for construction of the principal portions of the Project and provisions shall have been made for obtaining sufficient amounts to pay all costs of the Project as estimated by the Project architect. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

WHEREAS, the text of the Series J Bonds and the coupons, if any, to be attached thereto and the authentication certificate of the Trustee to be endorsed thereon are to be substantially as follows:

[Form of Coupon Bond]

The form of Coupon Bond shall be identical with the form of Coupon Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate and corresponding coupon form in said Coupon Bond the following paragraphs and coupon form:

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 Dormitory Revenue Bonds of the University,

Fifth Supplemental Trust Agreement

issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and July 31, 1969 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1969, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent (0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I, and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds

Fifth Supplemental Trust Agreement

without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the facsimile signatures of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of April 15, 1968.

[Form of Trustee's Authentication Certificate]

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

[Form of Coupon Bond]

On the _____ day of _____, 19 __, unless the bond to which this coupon is attached has been called for previous redemption, The Ohio State University and its Board of Trustees, as such Trustees and not individually, will pay to bearer, but only from the sources and in the manner provided in the Trust Agreement dated April 15, 1967, and supplement thereto dated April 15, 1968, between the said University and said Board and The Ohio National Bank of Columbus, as Trustee, and not from the general or ordinary funds of the State of Ohio or said Board or University, on the surrender of this coupon at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of The United States Trust Company of New York, in the Borough of Manhattan, city and State of New York
DOLLARS (\$) _____) in lawful money of the United States of

Fifth Supplemental Trust Agreement

America, being interest then due on The Ohio State University
Dormitory Revenue Bond, Series J dated April 15, 1968.

[Facsimile Signature]
Secretary of
The Board of Trustees

Bond No. _____
Coupon No. _____

[Form of Fully Registered Bond of Single Maturity]

The form of Registered Bonds without coupons of single maturity shall be identical with the form of Registered Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate in said Registered Bond the following paragraphs:

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 of Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board of Trustees of April 8, 1957 and July 31, 1969 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1979, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent (0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as

Fifth Supplemental Trust Agreement

provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I, and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any; and with the effect provided in the Agreement.

[Form of Trustee's Authentication Certificate]

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

[Form of Single Fully Registered Bond Covering
More Than One Maturity]

The form of Single Fully Registered Bond without coupons covering more than one maturity for Series J Bonds shall be substantially as set forth in First Supplement to Trust Agree-

Fifth Supplemental Trust Agreement

ment dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate the following paragraphs and the terms of the bonds relating to denomination and alternate paying agent, the installment payments and redemption provisions shall correspond to the denominations, alternate paying agent, maturities and redemption provisions provided in the Bond Resolution for the Series J coupon Bonds which that single fully registered bond replaces.

This Bond, designated Dormitory Revenue Bond, Series J (herein referred to as the Bond), is issued in lieu of an issue of a like principal amount of serial coupon bonds of similar designation maturing in the amounts and on the dates of the above installments, bearing interest at the same rate and each in the denomination of \$5,000, and with the above coupon bonds, is authorized to be issued, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board adopted April 8, 1957 and July 31, 1969 (herein collectively called the bond Resolution) and the Supplemental Trust Agreement described below, for the purpose of paying the costs of constructing and equipping certain dormitory facilities and repaying advances made for that purpose and is secured by Trust Agreement dated as of April 15, 1957, as supplemented by the First, Second, Third, Fourth and Fifth Supplements between the University and The Ohio National Bank of Columbus as Trustee (herein called the Trust Agreement). This Bond is exchangeable at the sole expense of the University at any time, upon 90 days' notice, at the request of the registered owner hereof and upon surrender of this Bond at the office of the Trustee, together with an assignment and instructions duly executed by the registered owner in such form as shall be satisfactory to the Trustee, for Coupon Bonds authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond, with coupons attached representing all unpaid interest due or to become due thereon, or for single maturity registered bonds without coupons authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond.

In addition to the installments of principal required to be paid by the Board as hereinabove set forth, the Board, at its option, shall have the right to prepay from time to time, or at one time, in whole or in part, on any interest payment date on or after _____ in inverse chronological order of the aforesaid installments the entire then unpaid principal amount hereof, or such lesser portion thereof in multiples of \$5,000 as the Board may determine at the principal amount of such pre-

Fifth Supplemental Trust Agreement

payment plus the following premiums (expressed in terms of percentage of amount of such prepayment) plus accrued interest to the date of prepayment; provided, however, that so long as the registered owner hereof shall be the Payee, (1) the Board may, at its option, prepay from surplus proceeds of the sale of this Bond as provided in the Bond Resolution on any interest payment date the entire then unpaid principal amount hereof or from time to time in the inverse chronological order of the aforesaid installments, a lesser portion thereof in multiples of \$5,000 and (2) the prepayments authorized herein may be made at the times provided without premium. Except in the case of prepayment from surplus proceeds from the sale of this Bond as provided in the Bond Resolution, no Bonds of any series may be called or prepayments made pursuant hereto unless the same proportion of the total principal amount of then outstanding bonds of each series, then callable, are called at the same time.

Notice of any such intended prepayment shall be published by the Trustee on behalf of the University at least once a week for two consecutive weeks, the first publication to be not less than thirty (30) days prior to said redemption date, in a financial newspaper of national circulation published in the English language in the City of New York, New York, and in an English language newspaper of general circulation in the City of Columbus, Ohio. Interest upon the amount of principal as to which notice of prepayment has been given shall cease upon the prepayment date if funds have been deposited with the Trustee on or before such prepayment date in an amount sufficient to make such prepayment.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Trust Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees after provision only for reasonable operating and maintenance expenses thereof.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the Chairman of the Board of Trustees and

Fifth Supplemental Trust Agreement

by the President of the University, and to be attested by the Secretary of the Board of Trustees and to bear a facsimile of the seal of the University, all as of April 15, 1968.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Attest: _____
Secretary of the Board of Trustees

By _____
Chairman of the Board of Trustees
of and by The Ohio State University

President of The Ohio State
University

[Form of Trustee's Authentication Certificate]

Trustee's Certificate

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by First, Second and Fifth Supplements.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, and the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the 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 considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Trust Agreement and in this Supplement set forth for the equal and proportionate benefit and

Fifth Supplemental Trust Agreement

security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said agreements, without preference, priority or distinction, as to lien or otherwise, of any one bond or coupon over any other by reason of priority in the time of the issue or negotiation thereof or otherwise, except as may be otherwise expressly provided in said Trust Agreement.

AND IT IS HEREBY CONVENANTED AND DECLARED by the University with the Trustee and its successors in the trust under the Trust Agreement for the benefit of those who shall hold such Bonds and appurtenant coupons at any time issued and outstanding under the Trust Agreement as follows:

Section 1. Incorporation of Bond Resolution. The Series J Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series J Bonds. The Series J Bonds shall be executed, authenticated and delivered as provided herein, and said Series J Bonds, the coupons to be attached thereto, and the certificate of authentication of the Trustee to be endorsed thereon shall be substantially in the form provided in the preambles hereto with any necessary modifications to conform hereto and to any Requirements of the Department of Housing and Urban Development of the United States of America if the United States purchases any of said Series F Bonds.

Section 3. Proceeds of Sale. The proceeds from the sale of the Series J Bonds shall be applied as provided in the Bond Resolution.

Section 4. 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 Trust Agreement and in this or any other 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 general, each and every term and

Fifth Supplemental Trust Agreement

condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

IN WITNESS WHEREOF, the Board of Trustees has caused this Fifth Supplemental Trust Agreement to be executed and its seal to be hereto affixed and The Ohio National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused its seal to be hereto affixed all as of the day and year first above written.

[SEAL]

The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest:

By _____
President

Secretary

And By _____
Chairman of the Board

[SEAL]

The Ohio National Bank of Columbus,
Trustee

Attest:

By _____
Vice President

Trust Officer

Fifth Supplemental Trust Agreement

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this ____ day of _____, 19 ____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, 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 its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public
My Commission Expires: _____

[SEAL]

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this ____ day of _____, 19 ____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the Vice President and Trust Officer, respectively, of The Ohio 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 Ohio 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
My Commission Expires: _____

[SEAL]

Page 96 Blank

SUPPLEMENT B

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

Page 98 Blank

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

The undersigned respectively, the President and the Fiscal Officer of The Ohio State University (the latter being also the Vice President, Business and Finance of the University) pursuant to Section 6(b) of the Original Bond Resolution adopted April 8, 1957, certify as follows in connection with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

1. That the actual net income from existing dormitory facilities (other than those referred to in 2 below) for the fiscal year ended June 30, 1969, adjusted pursuant to said Section 6(b), is: \$2,636,105
(Note 1)

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series J Bonds consisting of Jones Tower is: (Note 2) 279,806

- Total of Items 1 and 2 above is: \$2,915,911

3. That the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Series A, B, C, D, E, F, G, H, I and J Bonds is: (Note 3) \$1,980,766

4. That the ratio of total of such net income to such maximum annual principal and interest requirements on Series A, B, C, D, E, F, G, H, I and J Bonds is: 1.47211

5. That there was not included in such net incomes net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of the Series J Bonds, nor any receipts against which there is any prior claim other than the use thereof for the operating expenses of the dormitory facilities.

Note 1

The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fourth Supplemental Trust Agreements. The actual net income for the year ended June 30, 1969, is adjusted to reflect the latest schedule of rates and charges approved by the Board of Trustees

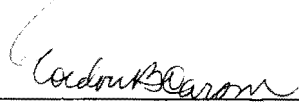
Certificate of Earnings Coverage (continued)

on July 31, 1969, and to become effective at the beginning of the Autumn Quarter of the academic year 1969-70; and gives recognition to changes in operating costs of the dormitory facilities, resulting from the review and recomputation of the basis of allocating costs of heat, light, power and water to all auxiliary facilities, including dormitory facilities, by direction of the Board of Trustees pursuant to which the revised reasonable changes therefor to the dormitory facilities are reduced by an estimated \$200,000.

- Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. It is certified that Jones Tower will be in operation and revenue producing by September, 1969.
- Note 3 Series J Bonds are computed at 3%. Series A through I Bonds are computed on basis of actual interest rates for those bonds.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

Dated: July 31, 1969

SUPPLEMENT C

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03(4) of Trust Agreement
Between the University and the Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1957 for issuance
of \$3,000,000 Dormitory Revenue Bonds, Series J

Page 102 Blank

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03 (4) of Trust Agreement
Between the University and The Ohio National Bank of Columbus,
as Trustee, Dated April 15, 1957 for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

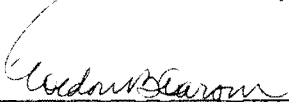
The undersigned respectively, the President and the Vice President, Business and Finance of The Ohio State University, pursuant to Section 2.03 (4) of the Trust Agreement between the University and The Ohio National Bank of Columbus, as Trustee, dated April 15, 1957, certify as follows in connection with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

- (a) That they know of no existing facts which would be an event of default under the Trust Agreement and that they know of no facts which, on granting of the application for the authentication of the Series J Bonds, would result in the University being in default in the performance of any of the terms or covenants of the Trust Agreement;
- (b) That, in the opinion of the signer thereof, all conditions provided in the Trust Agreement precedent to the granting of said application have been complied with;
- (c) That, since the beginning of the current fiscal year, there has been no material change which would adversely effect the estimates in the Earnings Certificate referred to in Section 6 (b) of the Original Bond Resolution relating to the Series J Bonds; and
- (d) That the proceeds of the Series J Bonds will be sufficient to, and are necessary to, complete the project for which they are issued.

The undersigned further certify that the Vice President, Business and Finance, is the chief financial officer of the University.



Maurice J. Sawatt
President
The Ohio State University



Edwin Pearson
Vice President, Business
and Finance
The Ohio State University

Dated: July 31, 1969

Page 104 Blank

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 29, 1969

Page 106 Blank

The Recipients of Honors

JOHN B. FULLEN

The Ohio State University
Distinguished Service Award

Nationally recognized alumnus; loyal and respected servant of The Ohio State University

For nearly forty years, this dedicated alumnus served his fellow alumni and his university as an able and articulate leader in all aspects involving the Association and the Development Fund. Upon his retirement, he was saluted as one of the most resourceful and astute personalities in this field so meaningful to higher education.

John B. Fullen received a Bachelor of Science degree in journalism from this university in 1925, and his interest in communications was manifested throughout his career.

In the archives of his profession, the emergence of the two-way communication between the campus and the alumni owes much to his courage and eloquence.

In 1928, he was selected as alumni secretary at the University. As alumni secretary (title later changed to Director of Alumni Affairs), he served as editor of The Ohio State University *Monthly* and executive director of The Ohio State University Development Fund from its inception in 1939.

To each of these important assignments, he gave distinction and gained national recognition from the American Alumni Council.

From all whose lives have become intertwined with the purposes and traditions of this university, John B. Fullen commands high admiration and deep gratitude.

JAMES R. HULL, JR.

The Ohio State University
Distinguished Service Award

An outstanding and productive force in alumni affairs; respected and influential community servant

The recipient of a degree in dentistry from this university in 1943, James R. Hull has given selfless service in behalf of his alma mater and his community. He has thereby won a unique and enduring place in the hearts of all those who love the University.

He brought a quality of leadership and boundless energy to Ohio State, where he was captain of the highly successful basketball team of 1939, which won the Big Ten Championship. That same intangible quality has underwritten his alumni service to his alma mater, as well as his role of dedicated citizenship.

In addition to service as an alumni representative to the Athletic Council, he served as a director of The Ohio State University Association. He served as reunion chairman for the Silver Anniversary of the Class of 1939. Through the years, he has made hundreds of speeches on behalf of the University, always stressing a sense of moral purpose and fundamental values of good citizenship.

Perhaps the best testimonial to his dedication and his ability is the one inscribed on a granite marker beneath a Buckeye tree in Ohio State's "All-American Arbor" near the Stadium:

*James R. Hull
For Services Beyond Anything Asked of Him*

THOMAS B. MEEK, SR.
The Ohio State University
Distinguished Service Award

Organizer, fund-raiser, friend of the University, and effective alumni leader

Thomas B. Meek, Sr., has made lasting contributions to The Ohio State University as a dedicated supporter of alumni affairs and as an able leader in fund-raising. His loyalty, hard work, and enlightened counsel have given notable service to the endeavors of this university.

Mr. Meek received the Bachelor of Science degree in journalism from this university in 1920. Over the years, despite the growing responsibilities of his business career, he has served his alma mater in a variety of ways.

His alumni activities have included the executive secretaryship of the Ohio Stadium committee, presidency of the New York Alumni Club, and campaign chairmanship of the Development Fund in New York. He has also served as the chairman of the national Development Fund Board of Directors, as well as the Journalism Committee of the Alumni Advisory Board.

As secretary of the Class of 1920, he is now working on the Centennial Reunion to be held in March, 1970. He continues to be a leading supporter of the James Thurber Collection in the University Libraries.

Thomas B. Meek, Sr., has been a devoted alumnus and an involved participant who has invested unselfishly of himself on behalf of this university.

DELBERT OBERTEUFFER
The Ohio State University
Distinguished Service Award

Devoted teacher, humanitarian, perceptive administrator in matters of University policy

Delbert Oberteuffer served with distinction from 1932 to 1966 as a member of the faculty of the Department of Physical Education. For twenty-four years as its chairman, education of the whole man was his theme. His personal drive was the generative force that elevated four education programs to the ranks of the best in the nation. These embraced curricula in freshman physical education and health education, teacher education for professional students in physical and health education, and graduate education in both fields.

As a University professor, he wore the academic robes with dignity and pride, stirred youth, stimulated scholars, prodded council members, encouraged the administration, and held high the central task of the University.

His achievements brought national fame to the University when three national organizations elected him president, four presented him their distinguished service award, and three universities gave him honorary degrees.

Delbert Oberteuffer has been a devoted leader, a respected counselor, a productive participant in University affairs, an author, and an educator who gave unselfishly of himself in order that the University might fulfill its most important mission.

DOROTHY D. SCOTT
The Ohio State University
Distinguished Service Award

Revered teacher, administrator, nationally known and valued leader in home economics

Dorothy D. Scott served the School of Home Economics at The Ohio State University thirty-one years, the last thirteen as Director of the School and the last ten also as Associate Dean of the College of Agriculture and Home Economics. Under her administration, the School grew and progressed. She inspired colleagues and students by her professional standards of excellence, her spirit of service, and her concern for people.

Dr. Scott received the B.S. and M.S. from Ohio State, and the M.A. and Ed.D. from Columbia. In her early years as a faculty member, she played an important part in developing the student guidance program for the School of Home Economics. She served also as professor and chairman of home economics education and made significant contributions to teacher education and research.

Through her nation-wide leadership in academic circles and professional organizations, Dr. Scott brought honor to herself and to her alma mater. She served the University effectively in many roles, including membership on the Advisory Committee on the Selection of the President, Faculty Advisory Committee to the President and Board of Trustees, and the University Honorary Degrees Committee. In every dimension, the career of Dorothy D. Scott has been one of dedication and distinction.

Graduate School

Dean: Richard Armitage, Ph.D.

Doctor of Philosophy

Two hundred and twenty-one candidates

Joseph Anthony Abruscato, Lakewood, N. J.

B.A., M.A. (Trenton State College)

Dissertation: The Student Communication Analysis (SCAN) System: Its Development and Preliminary Utilization

Field of Specialization: Education

John Thomas Adolph, Mogadore

B.A. (University of Akron) ; M.Ed. (Ohio University)

Dissertation: The Effects of Ethyl Alcohol on Physical Performance

Field of Specialization: Physical Education

Wolfgang Peter Ahrens, Toronto, Ont., Canada

B.A. (University of Toronto) ; M.A.

Dissertation: Johann Michael Moscherosch's *Genichte*: A Study of Structural Devices

Field of Specialization: German

Ester Laigo Albano, Dingras, Ilocos Norte, Philippines

B.Sc. (University of the Philippines)

Dissertation: Synthetic Transformations of a 2,3-Unsaturated Sugar Leading to Novel Sugars

Field of Specialization: Chemistry

Mihsin O. Al-Nassrawi, Baghdad, Iraq

B.A. (University of Baghdad) ; M.A. (University of Wisconsin)

Dissertation: An Analysis of Concepts and Techniques Basic to a Proposed Experimental Program of Adult Rural Education in Iraq

Field of Specialization: Education

*Carl Richard Ashbaugh, Miamisburg

B.S.Ed. (Ohio University) ; M.Ed. (Miami University)

Dissertation: Strategies for Building Constituent Support: A Comparison of School System and Municipal Government Efforts to Acquire Increased Operating Revenue

Field of Specialization: Education

Elizabeth Carolyn Ater, Frankfort

B.S. in H.E., M.S.

Dissertation: Interaction of Family Relationship Qualities and Managerial Components in Selected Family Situations

Field of Specialization: Home Economics

David Hugh Ayers, Columbus

B.A., M.A.

Dissertation: The Apprenticeship of Robert Anderson

Field of Specialization: Theatre

Lena Charles Bailey, Columbus

B.S. (Morehead State College) ; M.S. in Ed. (University of Kentucky)

Dissertation: The Feasibility of Using Videotape Recordings as a Substitute for Direct Observation in a Home Economics Methods Course

Field of Specialization: Education

* Degree granted in cooperation with Miami University

E. Kent Barefield, Gracey, Ky.

B.S. (Western Kentucky University)

Dissertation: Nickel(II) Complexes of Linear and Cyclic Tetramines

Field of Specialization: Chemistry

Russell M. Barefield, San Antonio, Tex.

B.B.A. (University of Texas) ; M.Acc.

Dissertation: The Effect of Method of Forecast Revision on Forecast Validity: A Laboratory Study

Field of Specialization: Accounting

William Robert Barnard, Bozeman, Mont.

B.S., M.S. (Montana State University)

Dissertation: Communication Design: The Nature and Use of a Communication Model in Chemical Education

Field of Specialization: Education

Stephen Jonathan Bass, Cincinnati

B.B.A., M.B.A. (University of Cincinnati)

Dissertation: A Theory of Institutional Change in Retailing

Field of Specialization: Business Organization

Reuben Hays Bell, Lamartine, Pa.

B.S. (Grove City College) ; M.S.

Dissertation: Synthesis with Thio Sugars: Formation and Decomposition of Acetylated Glycosylsulfenyl Bromides

Field of Specialization: Chemistry

James Gordon Bennett, Jr., Winter Haven, Fla.

B.S., M.B.A. (Syracuse University)

Dissertation: Disadvantaged and Non-Disadvantaged Urban High School Students Perceptions of Work within General Merchandise Retail Department Stores

Field of Specialization: Education

Robert Louis Beran, Euclid

B.S. in Edu., M.A.

Dissertation: The Cytoarchitecture of the Pontine and Medullary Reticular Formation of the Opossum (*Didelphis virginiana*)

Field of Specialization: Anatomy

George Emery Biles, Worthington

B.S. (United States Naval Academy) ; A.M. (George Washington University)

Dissertation: Attitudinal Patterns of Unionized Public Employees: An Empirical Study

Field of Specialization: Business Organization

Thomas Joseph Birch, Wheeling, W. Va.

B.S. (Marietta College) ; M.S.

Dissertation: Sources of Pollution in the Drainage Basin Contributing to the Eutrophication of Hoover Reservoir, a Water-Supply Impoundment for the City of Columbus, Ohio

Field of Specialization: Zoology and Entomology

Douglas D. Bishop, Sterling, Colo.

B.S. in Agr., M.E. (Colorado State College)

Dissertation: Effectiveness of Prior Exposure to Performance Objectives as a Technique for Improvement of Student Recall and Retention

Field of Specialization: Agricultural Education

- Maryann Baird Blum, Columbus
A.B. (Colorado State College); M.S. (Educ.) (Texas Agricultural and Mechanical University)
Dissertation: The Elementary School Counselor and the Educable Mentally Retarded Child
Field of Specialization: Education
- Robert Warren Blum, Baltimore, Md.
B.S. (United States Military Academy); M.S., M.A. (University of Arizona)
Dissertation: The Attack of Ground Targets by Artillery Fire: A Bayesian Application
Field of Specialization: Industrial Engineering
- Richard Christian Bosse, Toledo
B.A. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.
Dissertation: Origins of Lutheran Higher Education in Ohio
Field of Specialization: Education
- Joe Thomas Boyd, Pittsburgh, Pa.
B.S. (Pennsylvania State University); M.S.
Dissertation: Linear and Nonlinear Spectral Analysis of the Dynamics of a Q-Switched Laser Pulse
Field of Specialization: Electrical Engineering
- Carl Otto Bozler, Columbus
B.E.E., M.S.
Dissertation: Preparation and Characteristics of InAs Films Grown by Coplanar Chemical Transport
Field of Specialization: Electrical Engineering
- Thomas Allen Brackey, Portsmouth
B.E.E., M.S.
Dissertation: Application of Spatial Diversity to Atmospheric Optical Line-of-Sight Communication Systems
Field of Specialization: Electrical Engineering
- Eric Dale Braden, Euclid
A.B. (Case Western Reserve University); M.A.
Dissertation: Verbal Conditioning of Positive and Negative Self-Report in High and Low Self-Esteem Subjects
Field of Specialization: Psychology
- Constance Cline Brady, New Matamoras
B.A. (Marietta College); M.A.
Dissertation: The Functions, Characteristics and Limitations of Psychological Openness
Field of Specialization: Education
- James Ehrlic Brandau, Athens
B.S.Ed., M.A. (Ohio University)
Dissertation: Ohio's 1967 Senate Bill 350: A Case Study of Political Influence on Education Legislation
Field of Specialization: Education
- Lynne Sechrist Broderick, Cuyahoga Falls
B.A. (Ohio Wesleyan University); M.S. (University of Wisconsin)
Dissertation: Light and Electron Microscopy of Vegetative Cells and Developing Zygotes of Isolated Strains of *Chlamydomonas Mexicana* Lewin
Field of Specialization: Botany
- William Alvin Bruce, Poughkeepsie, N. Y.
B.S. (Saint Lawrence University); M.S.
Dissertation: The Perception of Infrared Radiation by the Spiny Rat Mite *Laelaps echidnina* (Acari: Laelapidae)
Field of Specialization: Zoology and Entomology
- Robert George Burrows, Ft. Lauderdale, Fla.
B.S. (Utah State University); M.S. (University of Utah)
Dissertation: An Analysis of the Role Perceptions of the College Supervisor of Elementary Education Student Teachers
Field of Specialization: Education
- Ronald Joseph Busch, Cleveland
B.A. (Miami University); M.A. (Northwestern University)
Dissertation: Stability and Change in Party Images: A Longitudinal Analysis
Field of Specialization: Political Science
- Walter Audry Cameron, Blacksburg, Va.
B.S. (North Carolina State University); M.S. (Virginia Polytechnic Institute)
Dissertation: Remote In-Service Vocational-Technical Teacher Education for Beginning Teachers
Field of Specialization: Agricultural Education
- Leland Arnold Carlson, Westerville
B.A.A.E., M.S.
Dissertation: Radiative Transfer, Chemical Nonequilibrium and Two-Temperature Effects behind a Reflected Shock Wave in Nitrogen
Field of Specialization: Aeronautical and Astronautical Engineering
- Sister Mary Margaret Carr, Nazareth, Ky.
B.S. (Catherine Spaulding College); M.S.
Dissertation: The Feasibility of a Pre-Service Methods Course Adapted to Teaching Youth from Depressed Areas
Field of Specialization: Home Economics
- Richard Dale Carter, Orrville
B.S. in Agr., M.S.
Dissertation: The Effect of a Capital Development Project on the National Income of a Developing Country: Malaysia
Field of Specialization: Agricultural Economics and Rural Sociology
- Pietro Steve Carusone, Cincinnati
B.F.A. (University of Cincinnati); M.B.A. (Xavier University)
Dissertation: The Impact of Decentralization on the Retail Trade Structure of the Small City
Field of Specialization: Business Organization
- John Stephen Chilson, Centralia, Wash.
B.A. in Ed. (Western Washington State College); M.S. (Stout State University)
Dissertation: Occupational Qualifications and Success of On-the-job Trainees
Field of Specialization: Education
- Frederick Adetokunbo Christian, Lagos, Nigeria
B.S. (Allen University); M.S. (Wayne State University)
Dissertation: Life History Studies of *Spinitectus microspinosus* sp. n. (Nematoda: Rhabdochoniidae) with Emendation of the genus *Spinitectus* Fourment, 1883
Field of Specialization: Zoology and Entomology
- Lawrence Mason Clopper, Jr., Denton, Md.
B.A. (Johns Hopkins University); M.A.
Dissertation: The Structure of the Chester Cycle: Text, Theme and Theatre
Field of Specialization: English

- John Joseph Cogan, Columbus
B.S. in Educ. (Kent State University); M.A.
Dissertation: Political Education in the Elementary School: A Decision-Making Rationale
Field of Specialization: Education
- Dale Holdrege Conant, San Jose, Calif.
B.S. (College of Idaho); M.S. (Oregon State University)
Dissertation: The Interaction of Chlorophyll and Derivatives with 2,4,7-trinitro-9-fluorenone
Field of Specialization: Chemistry
- James William Cooper, Columbus
A.B. (Oberlin College); M.S.
Dissertation: Homoconjugation in Pyridylalkyl Anions
Field of Specialization: Chemistry
- Robert Lee Cowan, II, Columbus
B.Met.E., M.S.
Dissertation: The Electrode Kinetic Behavior of Nickel in Dilute Acid Solutions from 25°C to 300°C
Field of Specialization: Metallurgical Engineering
- Robert Vincent Coyne, Westerville
B.S., M.S. (University of Minnesota)
Dissertation: The Effects of a Space-Cabin Atmosphere on the Immune Response
Field of Specialization: Anatomy
- Robert Lee Crane, Columbus
B.Cer.E., M.S.
Dissertation: A Study of the Crystal Structure of Långbanite
Field of Specialization: Mineralogy
- Marion Laverne Cremer, Bellaire
B.S. (Miami University); M.S.
Dissertation: Analysis of Quality Factors in Meal Components Processed by Freezing
Field of Specialization: Horticulture and Forestry
- Richard Lee Cryberg, Nashua, Ia.
B.S. (Iowa State University)
Dissertation: Nitrenium Ions Derived from 2-Azabicyclo [2.2.1]heptanes
Field of Specialization: Chemistry
- Vincent Carmen D'Ambrosio, Oswego, N. Y.
B.S. of Ed., M.S. of Ed. (New York State University College at Oswego)
Dissertation: Comparative Psychomotor Achievement in Two Industrial Arts Courses
Field of Specialization: Education
- Fritz Philip Dautermann, Columbus
B.A., B.S. in Edu., M.A.
Dissertation: The Syntactic Structures Employed in Samples of Narrative Writing by Secondary School Students
Field of Specialization: Education
- Abraham L. Davis, Tuskegee Institute, Ala.
B.A. (Morehouse College); M.S. (University of Wisconsin)
Dissertation: The Utilization of Sociological Data in Judicial Decision-Making at the Supreme Court Level
Field of Specialization: Political Science
- Arnold Ralph Davis, Trenton
A.B. (Berea College); M.S. (University of Tennessee)
Dissertation: The Effectiveness of Micro-Teaching and Video-Tapes in Training Prospective Elementary Teachers in Specific Technical Skills of Teaching
Field of Specialization: Education
- Hugh Houck Davis, Findlay
B.A. (Ohio Wesleyan University); M.A.
Dissertation: The Reform Career of Joshua Leavitt, 1794-1873
Field of Specialization: History
- James Emerson Deck, Newark
B.S., M.S.
Dissertation: *In Vivo* and *In Vitro* Studies on the Metabolism of the Swimbladder Gas Gland of the Bluegill Sunfish
Field of Specialization: Zoology and Entomology
- David Charles DeMartini, Cincinnati
B.S. in Physics (University of Notre Dame)
Dissertation: The Polarization of Neutrons from the $^{13}\text{C}(^3\text{He},n)^{12}\text{O}$ and the $^{24}\text{Mg}(^3\text{He},n)^{26}\text{Si}$ Reactions between 4 and 6 MeV
Field of Specialization: Physics
- Harold Dickerscheid, Worthington
B.S. in Edu.; M.Ed. (Miami University)
Dissertation: Curricular Implications of Mathematical Concepts of the Preschool Child
Field of Specialization: Education
- Duane Harmon Dillman, Strongsville
B.S. (Otterbein College); M.A.
Dissertation: A Simulation Exercise for the Training of Educational Research and Development Program Managers
Field of Specialization: Education
- Ralph Edward Dirksen, Cincinnati
B.S. in Edu. (Miami University); M.E. (Bowling Green State University)
Dissertation: Relevant Learnings for the Industrial Manufacturing Operative
Field of Specialization: Education
- Robert Clifton Dolbeer, Springfield
B.S. in Ed., B.Mus. (Wittenberg University); M.M. (Northwestern University)
Dissertation: Programed Instruction in Detecting Aural-Notational Errors in Musical Performance
Field of Specialization: Education
- Charles Robert Dudgeon, Mt. Vernon
B.A. (Kenyon College); M.S.
Dissertation: On the Exact Power Functions of Some Rank Tests
Field of Specialization: Mathematics
- Floyd Eugene Earle, Akron
B.S., M.A. (Kent State University)
Dissertation: Acoustic Aspects and Intelligibility of Vowels Produced by Partially Glossectomized Speakers
Field of Specialization: Speech
- Donald Stephen Elder, Columbus
B.A. (Kalamazoo College); M.A.
Dissertation: Georg Rudolf Weckherlin: An Evaluation of Some Sonnets
Field of Specialization: German

Anna Jane Ellis, Upper Sandusky
B.A. (Ohio Wesleyan University); A.M. (University of Michigan)

Dissertation: Development of Tests to Measure Perceptual-Motor Performance of First, Second, and Third Grade Children
Field of Specialization: Physical Education

Michael Dwight Fenton, Sacramento, Calif.
B.S., M.S. (University of Wyoming)
Dissertation: The Evolution of the Isotope Composition of Terrestrial Strontium
Field of Specialization: Geology

George Wayne Fisher, Columbus
B.S. in Edu., M.S.Ed. (Westminster College)
Dissertation: A Conceptual Framework for School System Planning
Field of Specialization: Education

Humphrey Sek-Ching Fong, Kowloon City, Hong Kong
A.B. (Carroll College); M.S.
Dissertation: Contributions to the Ergodic Theory of Semi-Markovian Operators
Field of Specialization: Mathematics

Leo Joseph Frainier, Buffalo, N. Y.
B.S., M.S. (Canisius College)
Dissertation: The Reactions of Dinitrogen Tetroxide with Olefins in Dimethyl Sulfoxide
Field of Specialization: Chemistry

Harvey Richard Freeman, Cleveland
A.B. (Miami University); M.A.
Dissertation: The Effect of Previous Preference and Recognition on Future Preference
Field of Specialization: Psychology

Saul S. Friedman, Westerville
B.A. (Kent State University); M.A.
Dissertation: Official United States Policy toward Jewish Refugees, 1938-1945
Field of Specialization: History

Dale Albert Gaeddert, Kingsville, Tex.
B.A. (Bethel College); M.A. (University of Kansas)
Dissertation: The Franco-Bavarian Alliance during the War of the Spanish Succession
Field of Specialization: History

Neftali Garcia-Martinez, Rio Piedras, Puerto Rico
B.S. (University of Puerto Rico)
Dissertation: Mass Spectrometry of Symmetric Benzoic Anhydrides
Field of Specialization: Chemistry

Leonard Garland Gaston, Dayton
B.S. (Texas Technological College); M.B.A.
Dissertation: The 221(d) (3) Below Market Interest Rate and Rent Supplement Housing Program
Field of Specialization: Business Organization

James Wayne Geibel, Morgantown, W. Va.
A.B., A.M. (West Virginia University)
Dissertation: An Annotated Bibliography of British Criticism of George Eliot, 1858-1900
Field of Specialization: English

Valorie Stauffer Gilbert, Stittsville, Ont., Canada
A.B. (Antioch College); M.A.
Dissertation: Stereotypes of the Gifted: An Experimental Analysis
Field of Specialization: Psychology

B. June Gilliam, Cleveland
Ph.B. (University of Chicago); M.A. (Case Western Reserve University)
Dissertation: Teaching French Poetry in the American Secondary School
Field of Specialization: Education

Joseph William Goldsbury, Columbus
B.S. in Ed., M.A.
Dissertation: A Feasibility Study of Local Field Trips Taken Vicariously through Slide-Tapes
Field of Specialization: Education

Jeffrey Haskell Goldstein, Norwalk, Conn.
B.A. (University of Connecticut); M.S. (Boston University)
Dissertation: Effects of Dimensionality and Articulation on Judgment
Field of Specialization: Psychology

Peter Alexis Goudinoff, Columbus
B.A., M.A.
Dissertation: Party, Constituency, and Issue Salience in Congressional Voting
Field of Specialization: Political Science

Burdette Lamar Green, Columbus
B. Mus., M.A.
Dissertation: The Harmonic Series from Mersenne to Rameau: An Historical Study of Circumstances Leading to its Recognition and Application to Music
Field of Specialization: Music

Ina Lynch Green, Abilene, Tex.
B.S. (Abilene Christian College); M.A.
Dissertation: Curiosity in Institutionalized Mental Retardates
Field of Specialization: Psychology

Chester Woodrow Gregory, LaGrange, N.C.
A.B., M.A. (North Carolina College at Durham)
Dissertation: The Problem of Labor during World War II: The Employment of Women in Defense Production
Field of Specialization: History

Walter John Halen, Warrensburg, Mo.
B.M. (Miami University); M.F.A. (Ohio University)
Dissertation: An Analysis and Comparison of Compositional Practices Used by Five Contemporary Composers in Works Titled "Symphony"
Field of Specialization: Music

John Russell Hassard, Atlanta, Ga.
B.S. Ed. (State Teachers College, Bridgeport, Massachusetts); M.Ed. (Boston University)
Dissertation: An Investigation of Teacher and Student Behavior in Earth Science Classrooms
Field of Specialization: Education

*Herbert Krueger Heger, Cincinnati
B.S.Ed., M.Ed. (Miami University)
Dissertation: Verbal and Nonverbal Classroom
Communication: The Development of an Observational
Instrument
Field of Specialization: Education

Roger Lee Herman, Columbus
B.S. in Agr.
Dissertation: Some Physiological and Histological Effects
of Gossypol on Rainbow Trout (*Salmo gairdneri*)
Field of Specialization: Zoology and Entomology

William Morton Hildebolt, Eaton
B.S. Food Tech., M.S.
Dissertation: The Influence of Preservation Methods on
the Color and other Quality Attributes of Green Beans
(*Phaseolus vulgaris* L.)
Field of Specialization: Horticulture and Forestry

John Clarence Hill, Granville
B.S. (Mount Union College); M.A.
Dissertation: The Analysis of Content Development
through Classroom Communication
Field of Specialization: Education

Kenneth Randolph Hille, Fremont
B.S. (Wagner College); M.A. (Bowling Green State
University)
Dissertation: The Effects of Different Concentrations of
LAS on the Toxicity of Dieldrin to the Bluegill (*Lepomis
macrochirus*)
Field of Specialization: Zoology and Entomology

James Leroy Hoerner, San Jose, Calif.
B.S. in Educ. (Iowa State University); M.A. (Los
Angeles State College)
Dissertation: An Assessment of Micro-Teaching as a
Means for Improving the Effectiveness of the Pre-Service
Trade and Industrial Teacher Education Workshop
Field of Specialization: Education

Gerald Holdsworth, Christchurch, New Zealand
B.E., B.S. (University of New Zealand); M.S.
Dissertation: Mode of Flow of Meserve Glacier, Wright
Valley, Antarctica
Field of Specialization: Geology

Brian Patrick Holleran, Cuyahoga Falls
B.S. (Kent State University); M.A.
Dissertation: Effects of Pupil Feedback upon the
Communication Behaviors of Student Teachers
Field of Specialization: Education

Theodore Mathews Hollis, Palo Alto, Calif.
B.A. (San Jose State College); M.S.
Dissertation: Cholesterosis on Oxidative Metabolism of
Rabbit Renocortices: Analysis of Lactic Dehydrogenase
Activity
Field of Specialization: Physiology

Benjamin Lawrence Honeycutt, Cliffsides, N.C.
B.A. (Wake Forest University); M.A.
Dissertation: The Role of the Knight in the Old French
Fabliaux
Field of Specialization: Romance Languages

* Degree granted in cooperation with Miami University

Chi-Pong Huang, Kowloon, Hong Kong
B.S.E. (National Taiwan University); M.S.E. (Purdue
University)
Dissertation: Similar and Non-Similar Solutions of the
Fully Viscous Flow in Slender Channels
Field of Specialization: Aeronautical and Astronautical
Engineering

Ann Scheib Hubbard, Columbus
A.B. (Case Western Reserve University); M.A.
Dissertation: Recent Changes in State Institutions for the
Mentally Retarded
Field of Specialization: Psychology

Ronald J. Huff, Marengo
B.E.E., M.S.
Dissertation: An Investigation of Time Division Multiple
Access Space Communications Systems
Field of Specialization: Electrical Engineering

Anita Roberg Hughes, Stamford, Conn.
B.A., M.A. (University of Wisconsin)
Dissertation: Study I: The Accurate Empathy Ratings of
Therapists in Telephone and Face-to-Face Interviews
Study II: The Effect of Group Sensitivity-Training on the
Accurate Empathy Ratings of Therapists
Field of Specialization: Psychology

Lachman Singh Hundal, Hasai, Punjab, India
B.V.Sc. (Punjab Veterinary College)
Dissertation: Changes in Dietary Fatty Acids as They
Pass through the Rumen and Abomasum of Sheep
Field of Specialization: Animal Science

Samuel Aaron Hyatt, Cullowhee, N.C.
B.Mus., M.Mus. (University of Cincinnati)
Dissertation: A Behavioral Study of Management and
Leadership in Higher Education
Field of Specialization: Education

Gene Allan Isler, Prospect
B.S. in Agr., M.S.
Dissertation: Genetic Parameters and Selection Schemes
in Swine
Field of Specialization: Animal Science

Willie Sherman Jackson, Columbus
B.A. (Southern University); M.A. (North Carolina
College at Durham)
Dissertation: Ohio and Amendment Thirteen: A State
Biography of the First National Reform Amendment,
1861-1865
Field of Specialization: History

Robert Ottinger Jacoby, Columbus
D.V.M. (Cornell University); M.S.
Dissertation: Studies in Canine Immunobiology with
Special Reference to Mechanisms of Lymphoid Cell
Depletion in Viral Disease
Field of Specialization: Veterinary Pathology

Banad Nandiswar Jagannath, Bangalore, India
B.E. (University of Mysore); M.E. (Indian Institute
of Science)
Dissertation: Certain Mechanical Properties of
Gyrotory Compacted Kaolin Clay
Field of Specialization: Civil Engineering

- Clyde Willard Jentoft, Columbus
B.A. (Captial University); M.A.
Dissertation: Rhetoric and Structure in the Poetry of Henry Howard, Earl of Surrey
Field of Specialization: English
- Charles Lee Johnson, Dayton
B.A. (State University of Iowa); M.S. in Ed. (Bowling Green State University)
Dissertation: An Analysis of Letter Prediction Responses of Adults with Lateralized Cerebral Lesions
Field of Specialization: Speech
- Charlsie Tesmer Keferl, Columbus
B.S. in Edu., M.S.
Dissertation: Some Effects of High Temperature Incubation upon the Liver of the Developing Chick Embryo
Field of Specialization: Anatomy
- Kenneth Richard Kimble, Lima
B.S., M.S.
Dissertation: On the Algebraic Closure of the Field of Mikusinski Operators
Field of Specialization: Mathematics
- Albert Jonathan Klein, Kettering
B.S., M.S.
Dissertation: Semi-Uniform Spaces and Hyperspace Constructions
Field of Specialization: Mathematics
- Dilbagh Singh Kooner, Doaba, Punjab, India
B.V.S. and A.H. (Vikram University); M.Sc. Dairy Science (Punjab University)
Dissertation: Some Factors Associated with the Release of Hyaluronidase from Bovine and Rabbit Spermatozoa under Conditions of Simulated Capacitation
Field of Specialization: Dairy Science
- Nicholas K. Krier, Columbus
B.S.
Dissertation: On Infinite Ovals and Möbius Planes
Field of Specialization: Mathematics
- Walter Kruppa, Reading, Pa.
B.S.E.E. (University of Akron); M.S.
Dissertation: Design Considerations for Integrated Microwave Linear Amplifiers
Field of Specialization: Electrical Engineering
- Chui Ngor Kwong, Kowloon, Hong Kong
A.B. (University of California)
Dissertation: Surface Properties of Cholesterol Esters and Methyl Esters of Polyenoic Fatty Acids
Field of Specialization: Physiological Chemistry
- David George Larson, Newark, Del.
B.A. (Concordia College); M.S. (University of Delaware)
Dissertation: The Critical Equilibrium Activity of Adult Females of the House Dust Mite, *Dermatophagoides farinae* Hughes
Field of Specialization: Zoology and Entomology
- David Leroy Larson, Findlay
B.A. (Wittenberg University); M.B.A. (University of Michigan)
Dissertation: Factors in the Development of Social Security: A Comparative Study of National Systems
Field of Specialization: Sociology
- John K. Lauber, Archbold
B.S., M.A.
Dissertation: The Role of the Septo-Hypothalamic Tract and the Nucleus Accumbens in the Septal Rage Phenomenon
Field of Specialization: Psychology
- William Everett Leonard, Lubbock, Tex.
B.A., M.A. (Texas Technological College)
Dissertation: The Professional Career of George Becks in the American Theatre of the Nineteenth Century
Field of Specialization: Theatre
- Charles William Lifer, Danville
B.S. in Agr., M.S.
Dissertation: An Evaluation of Self-Learning Centers in Adult Education
Field of Specialization: Agricultural Education
- Demetrice Irving Lyles, Tuskegee Institute, Ala.
D.V.M. (Tuskegee Institute); M.S.
Dissertation: The Effects of X-Irradiation on Embryogenesis, Infectivity, and Migratory Behavior of the Larvae of *Toxocara canis* (Werner, 1782) in White Mice
Field of Specialization: Veterinary Parasitology
- William Montgomery Malloy, Hickory, N. C.
B.A. (Denison University); M.Ed. (Wittenberg University)
Dissertation: Interinstitutional Cooperation Among Selected Institutions in North Carolina: An Attitude Perception Study
Field of Specialization: Education
- Mansour Ahmed Mansour, Cairo, Egypt
M.S. (University of Colorado)
Dissertation: The Legal Rights of Federal Employees to Unionize, Bargain Collectively, and Strike
Field of Specialization: Business Organization
- Alan John Markworth, Cleveland
B.S. (Case Western Reserve University); M.S. (University of Colorado)
Dissertation: The Spin-Dependent Scattering of Thermal Neutrons from Polarized Nuclei in Magnetically Ordered Solids
Field of Specialization: Physics
- David William Martin, Cincinnati
B.A. (Hanover College); M.A.
Dissertation: A Divided Attention Approach to Organization in Memory
Field of Specialization: Psychology
- Emmett Elwell Mason, St. Albans, W. Va.
B.S.Ed. (Northwest Missouri State College); A.M. (Colorado State College)
Dissertation: The Associative Meaning and Content Validity of Selected Elements from the Industrial Arts Curriculum Project's Taxonomy as Determined by Continued Word Association
Field of Specialization: Education
- Robert Fletcher Mathis, Columbus
B.S., M.S.
Dissertation: Error Bounds in Discrete Potential Theory
Field of Specialization: Mathematics

- Roger Dean McCormick, Kettering
B.S. in Edu. (Miami University); M.A.
Dissertation: The Influence of Dissimilar Group Guidance Activities upon the Vocational Interests of Eighth Grade Pupils
Field of Specialization: Education
- Ronald Fritz Mengert, Columbus
B.S. in Edu.; M.Ed. (Kent State University)
Dissertation: An Existential View of an Experimental Teacher Education Project
Field of Specialization: Education
- Robert McKisson Mennel, Belmont, Mass.
B.A. (Denison University); M.A.
Dissertation: Attitudes and Policies toward Juvenile Delinquency in the United States, 1825-1935
Field of Specialization: History
- James Andrew Mezick, Throop, Pa.
B.S. (University of Scranton)
Dissertation: Studies on the Mechanism of Hemolysis Induced by Menadione
Field of Specialization: Physiological Chemistry
- Donald Charles Miller, Worthington
B.S. in Edu.; M.Edu. (Bowling Green State University)
Dissertation: Knowledge of the Scientific Process Attained by Prospective Elementary School Teachers
Field of Specialization: Education
- Ahmet Minbay, Eskisehir, Turkey
M.S.
Dissertation: An Experimental Study of the Pathogenesis of Fowlpox Infection in Chickens
Field of Specialization: Microbiology
- Jessie Sykes Morrison, Camp Springs, Md.
B.A., M.A. (University of Maryland)
Dissertation: Characteristics of Students in Two-Year Post-High School Occupational Education Programs
Field of Specialization: Education
- Lyle Edward Nauman, Columbus
B.S.Ed. (Western Illinois University); M.S.
Dissertation: Endocrine Response to DDT and Social Stress in the Male Mallard
Field of Specialization: Zoology and Entomology
- Leon Harry Nawrocki, Columbus
B.S., M.A.
Dissertation: The Effect of Varying Stimulus Uncertainty, Response Uncertainty, and Stimulus Class upon Choice Reaction Time
Field of Specialization: Psychology
- Donald Dewey Nelson, Fresno, Calif.
B.S. (Fresno State College); M.S. (University of California, Davis)
Dissertation: Protein and Nonprotein Nitrogen Utilization in the Horse
Field of Specialization: Animal Science
- William George Nickels, Rocky River
B.S. in Bus. Adm.; M.B.A. (Case Western Reserve University)
Dissertation: The Effect of Systemic Changes on Attitudes in a Sales Organization
Field of Specialization: Business Organization
- Reginald Duston Noble, Gallipolis
B.A., M.A. (Marshall University)
Dissertation: Photosynthetic ¹⁴C Labeling Patterns in Maturing Soybeans with Special Consideration of Amino Acid Metabolism
Field of Specialization: Botany
- George Elwood Overholt, Columbus
B.S. in Edu., M.A.
Dissertation: Freedom, Facticity, and Education: The Educational Implications of Sartrean Existentialism
Field of Specialization: Education
- Frances Yoakam Parker, Lancaster, Calif.
B.S. (San Fernando Valley State College); M.A. (California State College)
Dissertation: The Vocational Homemaking Teacher Opinion Leader as a Referent in the Communication of Change
Field of Specialization: Home Economics
- Paula Jacoby Parker, Berea
B.A. (Ohio Wesleyan University)
Dissertation: Studies on Manganese(I) Carbonyl Complexes Containing "Hard" Donor Atoms
Field of Specialization: Chemistry
- Roger Alan Parker, Hawkeye, Ia.
B.S. (University of Iowa)
Dissertation: The Synthesis and Biochemical Pharmacology of Cholestane- β , 5 α , 6 β -Triol and Related Amino Analogs as Hypocholesterolemic Agents
Field of Specialization: Pharmacy
- Arnold Richard Parr, Calgary, Alberta, Canada
B.Ed., M.A. (University of Alberta)
Dissertation: Group Emergence under Stress: A Study of Collective Behavior during the Emergency Period of Community Crises
Field of Specialization: Sociology
- Terry Wayne Parsons, Johnstown
B.A. (Denison University); M.Ed. (Bowling Green State University)
Dissertation: A Descriptive Analysis of the Achievement Level Realized by Grant-in-Aid Athletes as Compared to Matched Non-Athletes at the Ohio State University
Field of Specialization: Physical Education
- John Charles Peterson, Waterloo, Ia.
B.A., M.A. Educ. (University of Northern Iowa)
Dissertation: Effect of Exploratory Homework Exercises upon Achievement in Eighth Grade Mathematics
Field of Specialization: Education
- John Francis Pettibone, Delmar, N. Y.
B.A. in Edu. (Ball State Teachers College); M.A.
Dissertation: Orientation Programs and Orientation Leadership in the Public Two-Year Institutions of New York State
Field of Specialization: Education
- Atheal Pierce, Dublin, Ga.
B.S.(Ag.), M.S. (Ag.) (Tuskegee Institute)
Dissertation: A Relationship between Intrinsic and Extrinsic Job Satisfaction and the Performance of Prospective Teachers
Field of Specialization: Agricultural Education

Bertram Phillip Price, Cleveland
B.A. (Wittenberg University); M.S.
Dissertation: Distribution Free Estimation
Field of Specialization: Mathematics

Richard Lionel Price, Prairie View, Tex.
B.S. (The Prairie View Agricultural and Mechanical
College of Texas); M.A. (University of Texas)
Dissertation: Scholastic Aptitude Test in Mathematics
as a Predictor of Student Selection of Algebraic Versus
Geometric Approaches to Problem Solving
Field of Specialization: Education

Glen Weston Probst, Pleasant Grove, Utah
B.A., M.A. (Brigham Young University)
Dissertation: Two Basic Methods of Presenting Spanish
at the University Level
Field of Specialization: Education

Robert Baring Prynne, Columbus
B.S. in Agr., D.V.M., M.S.
Dissertation: The Effect of the Intra-Carotid Injection of
Ceramic Microspheres on the Electroencephalogram
of the Dog
Field of Specialization: Veterinary Physiology

William Stephen Quigley, Granville
B.A. (Maryville College); B.D. (Union Theological
Seminary); M.A.
Dissertation: The Ohio Protestant Clergy: Political
Attitudes and Roles
Field of Specialization: Political Science

Gregor Allen Ramsey, Payneham, Australia
B.Sc. (Adelaide University)
Dissertation: The Development of Chemistry Content by
the Teachers of CHEM Study in High Schools in
Franklin County, Ohio
Field of Specialization: Education

John Leigh Ratliff, Columbus
B.S. in Met. Engr., M.S. in Met. Engr. (University of
Missouri School of Mines)
Dissertation: Reaction-Diffusion in a Metal-Nonmetal
Binary System and the Multicomponent Systems Ti/SiC
and Ti-6Al-4V/SiC
Field of Specialization: Metallurgical Engineering

Ronald Lee Redick, Westerville
B.S.Educ. (Ashland College); M.A.
Dissertation: The Attitude of Ohio School Board Members
toward Teaching as a Profession
Field of Specialization: Education

James Frederick Reed, Pomeroy
B.S. (Westminster College); M.A.
Dissertation: Determination of the Complexity Constants
of Transition Metal Halides and Polyphosphates
Field of Specialization: Chemistry

Lois Peterson Renker, Columbus
B.S. in Home Econ. (Syracuse University); M.S.
Dissertation: A Study of Certain Aspects of Tryptophan
Metabolism in Mast Cell Neoplasm in Mice
Field of Specialization: Home Economics

Donald Baldwin Reutener, Jr., Cleveland
A.B. (Oberlin College); M.A.
Dissertation: Background, Symbolic and Class Shift in
Short-Term Memory
Field of Specialization: Psychology

Reta Hamilton Richardson, Columbus
B.S.Educ. (Kent State University); M.S.
Dissertation: Stimuli in Homemaking Activities
Associated with Heart Rate Changes in Women from
Two Socioeconomic Levels
Field of Specialization: Home Economics

William Fraser Rogers, Hayesville
B.S. in Edu. (Miami University); M.Ed. (Kent State
University)
Dissertation: The Historical Development of the Ohio
Council for Education
Field of Specialization: Education

Norton Michael Rubenstein, University, Ala.
B.S., M.S. (University of Alabama)
Dissertation: Morphometric Analysis of Ontogenetic
Allometry in Six Species of the Salamander Genus
Desmognathus (Baird)
Field of Specialization: Zoology and Entomology

Victoria Waters Rudick, Akron
B.A. (College of Wooster); M.S.
Dissertation: Cell Size and Macromolecule Composition
during Aging in Cultures of *Acanthamoeba castellanii*
Field of Specialization: Zoology and Entomology

Ralph Joseph Sabock, Worthington
B.A. (Muskingum College); M.A.
Dissertation: A History of Physical Education at The
Ohio State University—Men and Women's Divisions:
1898-1969
Field of Specialization: Physical Education

James Schofield Saeger, Columbus
B.A., M.A.
Dissertation: The Role of Jose de Antequera in the
Rebellion of Paraguay, 1717-1735
Field of Specialization: History

Edgar L. Sagan, Oneonta, N. Y.
B.A. (Hartwick College); M.S. (Educ.) (University of
Wisconsin)
Dissertation: A Network Model for Planning and
Establishing Higher Education Consortiums
Field of Specialization: Education

David Anthony Santoro, Cleveland Heights
B.S.S., M.A. (John Carroll University)
Dissertation: Interview and Relationship Perceptions in
Counselor Education
Field of Specialization: Education

Ramon Stewart Satterwhite, Little Rock, Ark.
B.S.E.E. (University of Arkansas); M.S. (University of
New Mexico)
Dissertation: Diffraction by a Plane Angular Sector
Field of Specialization: Electrical Engineering

Armin Ludwig Schadt, Sharon, Pa.
B.A. (Youngstown State University); M.A. (Kent State University)
Dissertation: The Volkshochschule: A Comparative Study of Adult Education in the Federal Republic of Germany and the German Democratic Republic
Field of Specialization: Education

Stephen Patrick Scherer, Columbus
B.A., M.A.
Dissertation: The Life and Thought of Russia's First Lay Theologian, Grigoriĭ Savviĭ Skovoroda (1722-94)
Field of Specialization: History

Herbert Henry Schneider, Columbus
B.A., B.S. in Edu., M.A.
Dissertation: A Comparative Study of Political Power and Educational Decision-Making in Two Small City School Districts
Field of Specialization: Education

Seward Dean Schooler, Jr., Coshocton
B.A. (Wesleyan University); M.A.
Dissertation: Scientists and the Executive Branch: Scientific Inputs in American National Policy, 1945-1968
Field of Specialization: Political Science

Frank Lee Scott, New Orleans, La.
B.S. (Tulane University); M.S.
Dissertation: A New Hyper-Uniformity with Applications to Multi-Valued Mappings
Field of Specialization: Mathematics

Robert Elias Abu Shanab, Beirut, Lebanon
B.A., M.A. (San Jose State College)
Dissertation: Logical Positivism, Operationalism, and Behaviorism
Field of Specialization: Philosophy

John Kincaid Shank, Columbus
A.B. (Oberlin College); M.B.A. (University of Pittsburgh)
Dissertation: Income Determination under Conditions of Uncertainty: An Application of Markov Chains
Field of Specialization: Accounting

Lawrance Neil Shaw, St. Vincent, Minn.
B.S. (North Dakota State University); M.S.Ag.Eng. (Purdue University)
Dissertation: A Method of Analyzing Dynamic Responses of a Semi-Mounted Farm Implement
Field of Specialization: Agricultural Engineering

Bong Ju Shin, Pusan, Korea
B.A. (Pusan National University); M.A.
Dissertation: Inflation and Economic Growth: An Empirical Study Based on the Korean Experience 1948-1967
Field of Specialization: Economics

Terry Emerson Shoup, Tipp City
B.M.E., M.S.
Dissertation: An Analytical Investigation of the Large Deflections of Flexible Beam Springs
Field of Specialization: Mechanical Engineering

Badruddin Siddiqui, Karachi, Pakistan
B.S. (University of Karachi); M.S.
Dissertation: Lipid Components of Sialosylgalactosylceramide of Human Brain and Studies of Gangliosides of Bovine Adrenal Cortex and Adrenal Medulla
Field of Specialization: Physiological Chemistry

Kent Cooper Simmonds, Redlands, Calif.
B.A. (Lewis and Clark College)
Dissertation: Philosophical Comments on *Symposium* 201d-7a
Field of Specialization: Philosophy

William Earl Slinkard, San Antonio, Tex.
B.S. Chemistry (Trinity College)
Dissertation: The Coordination Properties of Tertiary Phosphine Sulfide and Selenides
Field of Specialization: Chemistry

Patricia Marie Smith, Ipswich, Mass.
B.S. (University of Massachusetts); M.S.Ed. (University of Bridgeport)
Dissertation: Experimentation to Determine the Feasibility of Remote Supervision of Student Teachers
Field of Specialization: Home Economics

Wendell Lee Smith, Ponca City, Okla.
B.S., M.S. (University of Oklahoma)
Dissertation: Outdoor Recreational Resource Development Through Vocational Agriculture and the Cooperative Extension Service
Field of Specialization: Agricultural Education

Bernard Steginsky, Troy, N.Y.
B.S. in Chem. Engr. (Massachusetts Institute of Technology); M.Ch.E. (Rensselaer Polytechnic Institute)
Dissertation: Macroscopic Oscillatory Behavior and the Momentum Distribution Function of a Normal Fermion System
Field of Specialization: Physics

L. Tomlin Stevens, Youngstown
B.A. (University of Chicago); M.A. (Case Western Reserve University)
Dissertation: Carter Braxton: Signer of the Declaration of Independence
Field of Specialization: History

Stephen Stollmack, Columbus
B.Mgt.E. (Rensselaer Polytechnic Institute); M.S.
Dissertation: Visual Detection-Time Models—Parameter Estimation and Prediction
Field of Specialization: Industrial Engineering

Diane Weltner Strommer, Greensboro, N.C.
B.A. (University of North Carolina); M.A.
Dissertation: A Critical Edition of an Anonymous, Titleless Play, Dated 1643, in British Museum MS. Egerton 1994
Field of Specialization: English

Warren Lee Stutzman, Palatine, Ill.
B.S. (University of Illinois); M.S.
Dissertation: Synthesis of Shaped-Beam Radiation
Patterns
Field of Specialization: Electrical Engineering

Robert Winford Suter, Dover
B.A. (Bluffton College); M.S.
Dissertation: The Nature of Phosphorus (V) Chloride in
Carbon Tetrachloride Solutions
Field of Specialization: Chemistry

Shuzaburo Takeda, Imabari, Japan
B.S., M.S. (Keio University)
Dissertation: The Effect of Defects on the
Photoconductivity of Auramine
Field of Specialization: Physics

Patricia Winifred Tanner, Springfield
B.A. (Ohio Wesleyan University); M.Ed. (Wittenberg
University)
Dissertation: The Relationships of Selected Measures of
Body Image and Movement Concept to Two Types of
Programs of Physical Education in the Primary Grades
Field of Specialization: Physical Education

Howard Robert Terry, Lone Wolf, Okla.
B.S., M.S. (Oklahoma State University)
Dissertation: Composite Profiles of Agricultural
Machinery Service Occupations as Derived from
Comparative Analyses across Incumbents
Field of Specialization: Agricultural Education

Campbell Bonner Titchener, Columbus
B.A.; B.Mus., M.S. (University of Illinois)
Dissertation: A Content Analysis of B-Values in
Entertainment Criticism
Field of Specialization: Speech

Alexander Featherston Toogood, Havelock, New Zealand
B.A. (Victoria University); M.A. (University of North
Carolina)
Dissertation: Canadian Broadcasting: A Problem of
Control
Field of Specialization: Speech

Marlin Frank Troiano, Columbus
B.A. (Kent State University); D.D.S. (Medical College
of Virginia); M.S.
Dissertation: The Prenatal Development of the Human
Premaxillae in Relation to Cleft Palate Formation (A
Gross Anatomical, Histological, and Radiographic Study)
Field of Specialization: Anatomy

Richard Harold Turpin, Anaheim, Calif.
B.S. in E.E., B.S. (Iowa State University); M.S. in E.E.
(University of Southern California)
Dissertation: Basis Transformation, Least Square, and
Characteristic Mode Techniques for Thin-Wire Scattering
Analysis
Field of Specialization: Electrical Engineering

Martin Ray Venneman, Chardon
B.S., M.S.
Dissertation: Experimental Salmonellosis:
Characterization of Immunogenic Ribosomal and
Ribosomal-Associated Ribonucleic Acid Preparations
Obtained from *Salmonella Typhimurium*
Field of Specialization: Microbiology

Ronald James Versic, Dayton
B.S. (University of Dayton); M.A. (Johns Hopkins
University)
Dissertation: The Role of Molecular Clustering in the
Growth of Crystals and the Theory of Liquids
Field of Specialization: Mineralogy

Emma Clement Walker, Fort Valley, Ga.
B.A. (Livingstone College); M.A. (Atlanta University)
Dissertation: A Study of the Fiction of Hemingway and
Faulkner in a College Sophomore English Class
Field of Specialization: Education

Roger Wynn Wallenius, Wayne, Pa.
B.S. (Pennsylvania State University); M.S.
Dissertation: Antithyrototoxic Factor in Roughages and
Feces and Problems Associated with its Measurement by
Bioassay Techniques
Field of Specialization: Dairy Science

Horace S. Ward, Jr., London
A.B. (Cedarville College); B.S. in Edu. (Central State
University); M.A.
Dissertation: Factors Related to the Choice of Health
Professions
Field of Specialization: Education

Diana Wortman Warshay, Columbus
B.A. (Brooklyn College); M.A.
Dissertation: Instrumental and Affective Language Styles
in Sex Status
Field of Specialization: Sociology

Jack Calvin Waymire, West Milton
A.B. (Earlham College)
Dissertation: Studies on Renal Aspartic Carbamyl
Transferase
Field of Specialization: Physiology

William Badertscher Wead, Columbus
B.A. (Wabash College); M.S.
Dissertation: Dynamics of Stress Relaxation of the
Rabbit Papillary Muscle
Field of Specialization: Physiology

Leben Li Wee, Zamboango City, Philippines
B.S. (University of the Philippines); M.S.
Dissertation: Integral of Real-Set-Valued Set Functions
with Respect to Banach-Set-Valued Measures
Field of Specialization: Mathematics

David John Wells, Lorain
B.A. (Baldwin-Wallace College); M.A. (Case Western
Reserve University)
Dissertation: Comic Atmosphere in Selected Comedies of
Molière
Field of Specialization: Romance Languages

Arthur George Wentz, Pittsburgh, Pa.
B.S. in B.A. (Duquesne University); M.B.A. (University
of Pittsburgh)
Dissertation: Intrinsic Value and Its Use as a
Determinant of Cost of Capital: A Test
Field of Specialization: Business Organization

- William Elmer West, Columbus
B.S.Ed. (Ohio University); M.A.
Dissertation: The Influence of the Industrial Arts Curriculum Project's Curriculum Materials on the Occupational Choices of Eighth Grade Male Students
Field of Specialization: Education
- Marvin Hart White, Laurel, Md.
B.S.E., M.S. (University of Michigan)
Dissertation: Characterization of Microwave Transistors
Field of Specialization: Electrical Engineering
- Oscar Renal Williams, Jr., Winston-Salem, N.C.
B.A., M.A. (North Carolina College)
Dissertation: Blacks and Colonial Legislation in the Middle Colonies
Field of Specialization: History
- Vera Estelle Williams, Oshkosh, Wis.
B.S. (Wisconsin State University); A.M. (University of Michigan)
Dissertation: The Contributions of Hans Christopher Reuter to Physical Education at La Crosse and in the State of Wisconsin
Field of Specialization: Physical Education
- Edward Matthew Wilson, St. Mary, Jamaica
B.Sc.(Ag.), M.Sc. (McGill University)
Dissertation: Some Physico-Chemical, Immunological and Electrophoretic Properties of Bovine Seminal Plasma and Their Implications in the Reproductive Process
Field of Specialization: Dairy Science
- John Thomas Wilson, Falls Church, Va.
B.S. (Worcester Polytechnic Institute); M.S.
Dissertation: Warping Torsion in Curved Beams of H-Section
Field of Specialization: Civil Engineering
- Richard Michael Wilson, Gary, Ind.
A.B. (Indiana University); M.S.
Dissertation: An Existence Theory for Pairwise Balanced Designs
Field of Specialization: Mathematics
- Roger Kohler Winger, Mansfield
B.S. (Ashland College); M.A.
Dissertation: The Influence of Level of Auditory Signal, Time since Birth, and Other Factors upon the Hearing Screening of Newborn Infants
Field of Specialization: Speech
- Nancy Carolyn Wood, Moundsville, W. Va.
B.A. (Marshall University); M.A.
Dissertation: Development of Cognitive Complexity in Adolescents
Field of Specialization: Psychology
- William John Wright, Hollywood, Fla.
B.A., M.A. (Stetson University)
Dissertation: Reformation Influence on Hessian Education
Field of Specialization: History
- Letha Eann Yurko, Weirton, W. Va.
B.S., M.S.
Dissertation: Immunofluorescent Detection of an Autologous Globulin Reactive with Canine Tumor Tissue
Field of Specialization: Microbiology
- Margaret Ann Zahn, Lorain
B.S. in Soc. Wel., M.A.
Dissertation: Physical Impairment and Interpersonal Relations
Field of Specialization: Sociology
- Joseph Richard Zecher, Lebanon
B.A.; M.A. (University of Delaware)
Dissertation: An Evaluation of Four Econometric Models of the Financial Sector
Field of Specialization: Economics
- Donald Lewis Zelman, San Bernardino, Calif.
B.A. (University of California); M.A. (University of Oregon)
Dissertation: American Intellectual Attitudes toward Mexico, 1908-1940
Field of Specialization: History
- Theodore Ayres Zimmer, Chico, Calif.
B.S., M.Ed. (University of California)
Dissertation: Occupational and Educational Characteristics of Male Graduates of Non-Metropolitan Ohio Schools in which Vocational Agriculture was Offered
Field of Specialization: Agricultural Education
- Woodford Walton Zimmerman, Dayton
B.S. in Edu., M.A.
Dissertation: Verbal Description of Aural Musical Stimuli: A Pilot Study of High School Students' Listening Attainment
Field of Specialization: Education
- Larry Jay Zook, Canton
B.Cer.E., M.S.
Dissertation: An Investigation of the Influences of Thermal Treatments on the Dielectric Properties of Lithia-Alumina-Silica Glasses
Field of Specialization: Ceramic Engineering

Certificate of Specialist in Educational Administration

One candidate

David Monroe Speicher, Marysville
B.A. (Bluffton College);
M.A. (Michigan State University)

Certificate in Teaching English Speakers of Other Languages

One candidate

Dorothy Elaine Steingarten Pressman,
Winnipeg, Man., Canada
B.A. (University of Manitoba); M.A.

Master of Accounting

Three candidates

Gerald Brian Blouch, Lakewood
B.S. in Bus.Adm. (Bowling Green
State University)
Field of Specialization: Accounting

Stephen Joseph Stephens, Cleveland
B.S. in B.A. (John Carroll
University)
Field of Specialization: Accounting

Maurice Joseph Sullivan, Jr., Canton
B.S. in B.A. (John Carroll
University)
Field of Specialization: Accounting

Master of Arts

Four hundred and thirty-eight candidates

Linda McDonnell Adamsen, Columbus
B.S. in Edu.
Field of Specialization: Education

Albert Victor Adcock, Sandusky
B.S. in Edu.
Field of Specialization: Education

Bernard Irwin Agin,
University Heights
B.S. in Bus.Adm.
Field of Specialization: Economics

Judith Anne Alcock, Upper Montclair,
N. J.
A.B. (Rutgers—The State
University)
Field of Specialization: History

Linda Burton Amspough, Columbus
B.S. in Edu.
Field of Specialization: Education

Christine Cermak Anderson,
Willowick
B.S. in Edu.
Field of Specialization: Education

Harold Paul Anderson, Jr.,
Drexel Hill, Pa.
B.A. (Villanova University)
Field of Specialization: History

Margo Lynn Anderson, Austin, Minn.
B.A. (Saint Olaf College)
Field of Specialization: Physical
Education

Mary S. Hauck Anderson, Columbus
B.S. in Edu.
Field of Specialization: Education

Monte LaVern Anderson,
Watervliet, Mich.
B.S. (Purdue University)
Field of Specialization: Education

Shelley Evans Anderson, Columbus
A.B. (University of Michigan)
Field of Specialization: Education

Thomas Wilbert Andreas, Sugarcreek
B.S. (Ohio University)
Field of Specialization: Education

Janet Young Angles, Columbus
B.S. in Edu.
Field of Specialization: Education

Gwyn Delmont Angus, Columbus
B.A. (Anderson College)
Field of Specialization: Education

Cinda Smith Ankney, Columbus
B.S. in Edu.
Field of Specialization: Education

Lauren Hibshman Arango, Mansfield,
Mass.
B.A. (Ohio Wesleyan University)
Field of Specialization: Romance
Languages

Janet Louise Arbogast, Springfield
A.B. (Ohio University)
Field of Specialization: Romance
Languages

Earl Franklin Arnett, Coshocton
B.S. in Ch.E., M.S. in Ch.E.
(University of Texas)
Field of Specialization: Sociology

Lowell Elmer Arthur, Jr., Springfield
B.S. in Educ. (Wittenberg
University)
Field of Specialization: Music

Demetrie Lambros Augustinos,
Albuquerque, N. Mex.
B.A. (Eastern New Mexico
University)
Field of Specialization: History

Elio Bafle, Waynesburg
B.A. (University of Notre Dame)
Field of Specialization: Economics

Donald Maxwell Baldwin, Eugene,
Ore.
B.A. (University of Oregon)
Field of Specialization: History

Matthew Stephen Baldwin, Jr.,
Whitewater, Wis.
B.S. (Loyola University)
Field of Specialization: Sociology

Jerome John Banyots, Youngstown
B.S. in Edu.
Field of Specialization: Education

Clarence Robert Barnett, Columbus
B.A. (Marshall University)
Field of Specialization: Physical
Education

David William Bartelt, Philadelphia,
Pa.
A.B. (Temple University)
Field of Specialization: Sociology

Joyce Ellen Barve, Fort Wayne, Ind.
B.S.Ed. (Ball State University)
Field of Specialization: Education

Ellie Feinblatt Bauer, Denver, Colo.
B.F.A. (University of Denver)
Field of Specialization: Art

Beth Wear Bauman, Worthington
B.S. (Oregon College of Education)
Field of Specialization: Education

Barbara Marion Bazzone,
McKeesport, Pa.
B.S. (Kent State University)
Field of Specialization: Education

Mary Kortier Beach, Westerville
B.S. in Educ. (Capital University)
Field of Specialization: Education

Martha Sisley Beidler, Lancaster
A.B. (Grove City College)
Field of Specialization: Romance
Languages

Martin Beller, Huntington Station,
N. Y.
B.A. (C.W. Post College)
Field of Specialization: English

Nancy Lou Bennett, Piqua
B.S. in Edu.
Field of Specialization: Education

Andrea Elaine Berman,
Shaker Heights
B.S. in Edu.
Field of Specialization: Education

Reginald Bess, Columbus
B.S. in Educ. (West Virginia
State College)
Field of Specialization: German

- Alice Judd Betsill, Columbus
B.A. (Bennett College)
Field of Specialization: Education
- Marjorie Moore Beu, Chillicothe
B.S. (Eastern Michigan University)
Field of Specialization: Education
- Beverly Wright Biggers, Columbus
B.S. in Edu.
Field of Specialization: Education
- Roberta Lea Booth Bishop, Columbus
B.S. in Edu.
Field of Specialization: Education
- Margaret Ellen Bisio, Durango, Colo.
B.A. (Fort Lewis Agricultural and Mechanical College)
Field of Specialization: Education
- Robert Joseph Black, Piqua
B.S. in Edu.
Field of Specialization: Physical Education
- Edward Merle Blackstad, La Salle, Minn.
B.S. (Mankota State College)
Field of Specialization: Education
- Jean Humphreys Blakeslee, Delaware
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Verne Blalack, Salmon, Ida.
B.S.Ed. (University of Idaho)
Field of Specialization: Education
- Sister Dolores M. Bianz, Green Bay, Wis.
B.A. (Saint Mary's College, Indiana)
Field of Specialization: Education
- James Andrew Bobula, Chicago, Ill.
B.A. (Bellarmino College)
Field of Specialization: Speech
- James Henry Boeckman, Minster
B.A. (University of Dayton)
Field of Specialization: Education
- Joan Bringle Boese, Indianapolis, Ind.
B.A. (Hanover College)
Field of Specialization: Education
- George William Bollenback, Columbus
B.A. (San Francisco State College)
Field of Specialization: Political Science
- Phyllis Thuma Boone, Fredericktown
B.A. (College of Wooster)
Field of Specialization: Education
- Dorothy Heskett Boser, Cardington
B.A. in Edu. (University of Arizona)
Field of Specialization: Education
- Judith Annette Boss, Pataskala
B.S. in Edu.
Field of Specialization: Art
- John Cameron Boyle, Columbus
B.S. in Edu.
Field of Specialization: Education
- Marjorie Ruth Bracken, Dallas, Tex.
B.S. (O.T.) (Washington University)
Field of Specialization: Art
- Leigh Phillipson Bradfield, Johannesburg, South Africa
B.A. (University of Natal)
Field of Specialization: Education
- Carolyn Coburn Bradford, Lima
B.S. in Edu.
Field of Specialization: Education
- John Paul Brantingham, Salem
B.Rel.Edu. (Malone College);
A.B. (Ashland College)
Field of Specialization: East Asian Languages and Literatures
- Gerald Francis Braza, Milwaukee, Wis.
B.S. (Wisconsin State University, La Crosse)
Field of Specialization: Physical Education (Health Education)
- John Paul Brennan, Columbus
A.B., M.A. (Saint Paul's College, Washington, D.C.)
Field of Specialization: Education
- Edith Pauline Bresloff, Far Rockaway, N. Y.
B.A. (Queens College)
Field of Specialization: Physical Education
- Steven Ernest Breyfogle, Massillon
B.A.
Field of Specialization: History
- Kent Stewart Bromwell, Baltimore, Md.
B.S. (United States Naval Academy)
Field of Specialization: Education
- Eugene Edward Brown, Alexandria
B.S. (Indiana State College); B.D. (Anderson Newton Theological School)
Field of Specialization: Education
- Harold Haywood Brown, Columbus
B.S. (Ohio University)
Field of Specialization: Education
- Loretta Cecile Lomasz Buffer, Columbus
B.A. (Marycrest College)
Field of Specialization: Education
- Robert Eugene Burch, Columbus
B.S.Sec.Ed. (West Virginia University)
Field of Specialization: Education
- Jack Douglas Burgess, Portsmouth
B.S. in Edu.
Field of Specialization: Education
- Ayleen Hilt Burns, Columbus
B.S. in Edu.
Field of Specialization: Music
- Lewis Percy Burrell, Newark
B.S. (Anderson College)
Field of Specialization: Education
- Lester Gene Butler, Denver, Colo.
B.S.Ed. (Central State College)
Field of Specialization: Education
- Judith Marie Buzard, Riverside, N. J.
B.A. (Glassboro State College)
Field of Specialization: Education
- Anicia Dabal Mojica Cadena, Salem
B.S.Com.Ed. (University of the East, Philippines)
Field of Specialization: Education
- Max George Carey, DeGraff
B.S. in Edu.
Field of Specialization: Education
- Merrill Lee Castle, Westerville
B.S.Ed. (Ohio Northern University)
Field of Specialization: Education
- Barbara Kirk Chandler, Columbus
B.A.
Field of Specialization: Education
- Adrian Derral Cheatwood, Ponca City, Okla.
B.A. (Oklahoma State University)
Field of Specialization: Sociology
- Donald Grover Chenoweth, Davenport, Ia.
B.S. (Loras College)
Field of Specialization: Psychology
- David Raymond Chesnut, Jr., Martinsburg, W. Va.
B.S.Ed. (Shippensburg State College)
Field of Specialization: Education
- Peter Anthony Citano, Youngstown
B.S.Ed. (Youngstown State University);
M.Ed. (Kent State University)
Field of Specialization: Education
- Carl Dennis Clark, McCook, Nebr.
A.B. (Colorado State College)
Field of Specialization: Art
- Patricia Chenot Clous, Columbus
B.S.Educ. (Kent State University)
Field of Specialization: Education
- Loren Douglas Cocking, Cartersville, Ill.
B.A. (Iowa State University)
Field of Specialization: Speech

Arnold Sidney Cohen, Morrisville, Pa.
B.A. (Dickinson College)
Field of Specialization: Classics

Ronnie Gene Combs, Middletown
B.S. in Edu.
Field of Specialization: Education

Sherry McNew Conklin,
Yellow Springs
A.B. (Ohio University)
Field of Specialization: Education

Carol Ann Conley, Columbus
B.S. in Ed. (University of Dayton)
Field of Specialization: Education

Shirley Rose Conley, Columbus
B.S. in Edu.
Field of Specialization: Education

Ella Louise Kasner Conner, Killbuck
B.S. in Edu.
Field of Specialization: Education

Lois Lloyd Conrad, Geneva
B.A. (Otterbein College)
Field of Specialization: Psychology

Sister Miriam Claire Corcoran,
Columbus
B.S. (Villa Maria College)
Field of Specialization: Education

Susan Koppelman Cornillon,
Cleveland Heights
B.A. (Case Western Reserve
University)
Field of Specialization: English

Janice Wachter Cornwell, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Steven Douglas Cornwell,
North Olmsted
B.S. (Denison University)
Field of Specialization: Education

Jo Ann Crabbe, West Farmington
B.S. in Edu.
Field of Specialization: Education

Herman Thomas Crane, Westerville
B.A. (Otterbein College)
Field of Specialization: Education

William LeRoy Cromley, Dayton
B.A.
Field of Specialization: Political
Science

Marjorie Lee Crowder, Nashville,
Tenn.
B.A. (Carson Newman College)
Field of Specialization: Education

Peggy Rimbart Crutcher, Oberlin
B.S.Ed. (Central State University)
Field of Specialization: Education

Joanna Ross Dalrymple, Marietta
B.A. (Marietta College)
Field of Specialization: Education

Harvey Jay Dattle, Westerville
B.A. (Otterbein College)
Field of Specialization: Education

Phyllis Davidovitz, Batavia, N. Y.
A.B. (Syracuse University)
Field of Specialization: Education

Gail Ellen Deegan, Amsterdam, N. Y.
B.S. in Ed. (College of Saint Rose)
Field of Specialization: History

Abdurrahman Demirtas, Ankara,
Turkey
Field of Specialization: Education

Carl Jon Denbow, Columbus
B.S.J. (Ohio University)
Field of Specialization: Journalism

Paul Francis Denver, Chatham, N. J.
B.A. (Williams College)
Field of Specialization: German

Howard Francis Devine, Danville, Ill.
B.A. (Creighton University)
Field of Specialization: Psychology

Robert Di Donato, Greenville, Pa.
B.A. (Canisius College)
Field of Specialization: German

Anita Dinesh Dighe, Baroda, India
B.A., M.A. (University of Baroda,
India)
Field of Specialization: English
(TESOL)

Ester Gran Dipasupil, Mandaluyong,
Rizal, Philippines
B.A. (University of the Philippines)
Field of Specialization: Journalism

Anthony Joseph DiStefano, Verona,
N. J.
B.A. (Villanova University)
Field of Specialization: Political
Science

Richard Arlen Dodge, Powell
B.S. in Edu.
Field of Specialization: Education

Edward Lee Doemland, Des Plaines,
Ill.
B.A. (Lawrence University)
Field of Specialization: Education

Barbara Ann Dombrowski, Norwich,
Conn.
A.B. (Connecticut College)
Field of Specialization: History

Richard Royal Donaca, Sweet Home,
Ore.
B.A. (San Francisco State College)
Field of Specialization: Political
Science

William Glen Double, Lester, Pa.
B.S. (Temple University)
Field of Specialization: Journalism

Katharine Ellen Dougherty,
Falls Church, Va.
B.S. in Edu.
Field of Specialization: Education

Georgene Hovance Douglas, Cleveland
B.S. in Edu.
Field of Specialization: Education

Frank Thomas DuByne, Jr., Haslett,
Mich.
B.S., M.A. (Michigan State
University)
Field of Specialization: Education

Paul Miller Dunkle, Circleville
B.S. (Ed.) (University of Cincinnati)
Field of Specialization: Music

Tommy Lee Dupler, Lancaster
B.S. in Edu. (Ohio University)
Field of Specialization: Education

Verlin Gene Eash, Genoa
B.S.Ed. (Bowling Green State
University)
Field of Specialization: Music

Dorothy Carol Eberhart, Murrysville,
Pa.
B.S.Ed. (Muskingum College)
Field of Specialization: Education

Roger Thomas Ebersole, Findlay
B.S. in Edu.
Field of Specialization: Education

Randall Wayne Engle, Dunbar,
W. Va.
B.A. (West Virginia State College)
Field of Specialization: Psychology

Mary Louise Erickson, Erie, Ill.
B.F.A. (University of Illinois)
Field of Specialization: Art

Johnnie Joe Evans, Weston, W. Va.
A.B.Ed. (Glennville State College)
Field of Specialization: Education

Nancy Jane Evans, Reynoldsburg
B.S. in H.E.
Field of Specialization: Education

William Gordon Fagan, Manuels,
Newf., Canada
B.P.E. (Memorial University of
Newfoundland)
Field of Specialization: Physical
Education

- James David Fairbanks, Youngstown
B.A. (Greenville College)
Field of Specialization: Political Science
- Regina Louise Farnelli, Doylestown, Pa.
B.A. (American University)
Field of Specialization: Journalism
- Ralph Judson Feasel, Jr., Sunbury
B.S. in Edu.
Field of Specialization: Education
- Celeste Ramey Feazell, Cleveland
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Theatre
- Haralambos Fekkos, Milford
B.S. (Antioch College)
Field of Specialization: Education
- Charles Roy Fender, Loveland, Colo.
B.A. (Colorado State University)
Field of Specialization: Art
- Maureen Louise Finn, Columbus
B.A., B.S. in Edu.
Field of Specialization: Education
- Lois Mildred O'Dell Fisher, Worthington
B.S. in Edu.
Field of Specialization: Education
- Carolyn Dudley Fleming, Delaware
B.S. (Otterbein College)
Field of Specialization: Education
- Maria Dolores Flores, Humboldt, Kan.
B.A. (University of Missouri at Kansas City)
Field of Specialization: Education
- Gretchen Ake Fluke, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: History
- Charlotte Isbell Ford, Columbus
B.F.A., B.S. in Edu.
Field of Specialization: Education
- Lyda Lee Forney, Dayton
B.S. in Mus.Ed. (University of Dayton)
Field of Specialization: Music
- Emily Elizabeth Foster, Greer, S. C.
A.B. (Youngstown University)
Field of Specialization: English
- Brenda Beeney Frank, Massillon
B.A. (Mount Union College)
Field of Specialization: English
- Richard Dempsey Frasher, Columbus
B.M.E.
Field of Specialization: Education
- Susan Sheppard Friend, Washington
C. H.
B.S. in Edu.
Field of Specialization: Education
- Ulisse Frissora, Columbus
B.S. in Edu.
Field of Specialization: Education
- Barbara Howe Galloway, Youngstown
B.M.E. (Baldwin-Wallace College)
Field of Specialization: Music
- Glenn Harris Gardner, II, Westerville
B.A.
Field of Specialization: Political Science
- Alice Walsh Garry, Worthington
B.A. (University of Iowa)
Field of Specialization: Education
- Pamela Doerrer Gaskill, Ashland
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education
- Marjorie McWherter Gast, Worthington
B.S. in H.E.
Field of Specialization: Education
- Evelyn Janice Gauthier, Bellevue, Wash.
A.B. (Occidental College)
Field of Specialization: Psychology
- Edith Gorsuch George, Columbus
B.S. in Edu.
Field of Specialization: Education
- Suzanne Gay Geysler, Cedarville
B.S. (Cedarville College) ; B.S. (Ed.) (Central State University)
Field of Specialization: Education
- Antonio Gimenez-Cruz, Madrid, Spain
Field of Specialization: Romance Languages
- Curtis Larry Godfrey, College Station, Tex.
B.A. (Texas Christian University)
Field of Specialization: Political Science
- Francyl Nadroski Greenlee, Westerville
B.F.A. (Ohio University)
Field of Specialization: Music
- David Ralph Greer, Glenmont
B.S. in Edu.
Field of Specialization: Education
- Janice Mulquin Greider, Newark
B.S. in Edu.
Field of Specialization: Education
- Donald Neil Griggs, Mt. Vernon
B.S. in Edu.
Field of Specialization: Education
- Shirley Saunders Griggs, Mt. Vernon
B.S. in Edu.
Field of Specialization: Education
- Fredric Otto Grimm, Columbus
B.S. in Edu.
Field of Specialization: Education
- Howard Earl Guenther, Cleveland
B.A.
Field of Specialization: Journalism
- Alda Douthett Haddad, Toledo
B.S. (Ed.) (Bowling Green State University)
Field of Specialization: Music
- Deborah Bush Haffey, Cuyahoga Falls
B.A. (Cedarville College)
Field of Specialization: Speech
- Carroll Lee Hall, Vienna, W. Va.
B.A. (Marshall University)
Field of Specialization: Education
- Jack Russell Haller, Columbus
B.F.A.
Field of Specialization: Art
- James Basil Hamblin, Sandusky
A.B. (Miami University)
Field of Specialization: English
- Barbara Jean Hameetman, Indianapolis, Ind.
A.B. (Indiana University)
Field of Specialization: Education
- Barbara Ann Beatty Hansen, Cambridge
B.S. in Edu.
Field of Specialization: Education
- Joanna Winget Haskins, Chillicothe
B.S. in Edu.
Field of Specialization: Education
- Betsy Louise Hayden, Hatfield, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Art
- Robert Allen Henderson, Wadsworth
B.A. (Muskingum College)
Field of Specialization: Education
- Robert Fredrick Henderson, Columbus
B.S. in Edu.
Field of Specialization: Education
- Sister Mary Robert Patrice Heney, Mundelein, Ill.
B.A. (Mundelein College)
Field of Specialization: Art
- Virginia Johnson Heringer, Columbus
B.A.
Field of Specialization: English (TESOL)
- Joe Walter Hess, Columbus
B.S. in Ed. (Capital University)
Field of Specialization: Education

- Caren Lee Hiedovitz, Munhall, Pa.
B.S. (University of Pittsburgh)
Field of Specialization: Education
- Constance Hill, Southport, Conn.
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- John Franklin Hilliard, Plain City
B.S. in Edu.
Field of Specialization: Education
- John Roger Hinton, Gilbert, Pa.
B.S.Ed. (East Stroudsburg State College)
Field of Specialization: Education
- Marcia Sue Hoare, Columbus
B.A. (Capital University)
Field of Specialization: Education
- Sandra Weaver Hodge, Circleville
B.S. (State University of New York at Albany)
Field of Specialization: Education
- Margaret Ann Hodgen, Chillicothe
B.S.Ed. (Central State University)
Field of Specialization: Education
- Judy Lee Holland, Dover, Del.
B.S. (P.E.) (University of Delaware)
Field of Specialization: Physical Education
- Carolyn Leslie Holman, Columbus
B.S. in Edu.
Field of Specialization: Education
- Gail Caldwell Hopper, Hudson, N. Y.
B.A. (Nasson College)
Field of Specialization: History
- Rosetta Sowers Horst, Galloway
B.S. in Edu.
Field of Specialization: Education
- Michael Joseph Hosemann, New Orleans, La.
B.S. (Spring Hill College)
Field of Specialization: Education
- Charles Thomas Howard, Leipsic
B.S. in Edu.
Field of Specialization: Education
- Cora Cannon Howard, Charlotte, N. C.
B.S. (Johnson C. Smith University)
Field of Specialization: Education
- Mary Brown Howard, Columbus
B.S. (Albany State College)
Field of Specialization: Education
- Mary Estelle Hoyer, West Haverstraw, N. Y.
B.A. (New York State University College, Oneonta)
Field of Specialization: Education
- Sister Roberta Jacqueline Hudlow, Louisville, Ky.
A.B. (Webster College)
Field of Specialization: Art
- Sharon Marea Huesman, Columbus
B.S.Ed. (Bowling Green State University)
Field of Specialization: Physical Education
- Ethel Mae Brown Hughes, Fairborn
B.S. (Eastern Kentucky State College)
Field of Specialization: Education
- Robert Emmett Hughlett, Baltimore, Md.
B.S. (Towson State Teachers College)
Field of Specialization: Education
- David Van Jacobsen, Scottsbluff, Nebr.
B.A. (Hastings College)
Field of Specialization: Journalism
- George Edward James, Reynoldsburg
B.S.Ed. (Ohio University)
Field of Specialization: Physical Education
- Cheryll Ann Johnson, Duluth, Minn.
B.A. (Macalester College)
Field of Specialization: Psychology
- Helen Jane Johnson, Columbus
B.S. in Edu.
Field of Specialization: Education
- Judith Ann Johnson, Newark
A.B. (Hiram College)
Field of Specialization: English
- Minnie Fells Johnson, Dayton
B.S. (Tuskegee Institute)
Field of Specialization: Sociology
- Shyla Suzanne Jones, Columbus
B.A. (Wittenberg University)
Field of Specialization: Education
- Douglas Nelson Kantner, Wapakoneta
B.S. in Edu.
Field of Specialization: Education
- Linda Marie Keim, Green Springs
B.M.Ed. (Otterbein College)
Field of Specialization: Music
- Susan Jean Keim, Winona, Minn.
B.A. (University of Minnesota)
Field of Specialization: Slavic Languages and Literatures
- Steven Keller, Akron
B.S. in Bus.Adm.
Field of Specialization: Speech
- Kathleen Kelley, Washington C. H.
B.S. in Ed. (Wilmington College)
Field of Specialization: Education
- Mary Boss Kesilman, Dayton
B.S. in Edu.
Field of Specialization: Education
- Katherine Kirk Kibbee, Pittsburgh, Pa.
B.A. (Duquesne University)
Field of Specialization: Journalism
- Karen Annis Kircher, Oakville, Ont., Canada
B.S. (University of Washington)
Field of Specialization: Psychology
- Karen Elnora Kolb, Portland, Ore.
B.A. (Portland State College)
Field of Specialization: Education
- Pamela Gall Kowan, Lexington, Ky.
B.S. in Edu.
Field of Specialization: Speech
- Joanne Lally Kraska, Maple Heights
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Mary Jo Ann Kraus, St. Louis, Mo.
B.A. (Saint Louis University)
Field of Specialization: Political Science
- William Edward Krehmeier, St. Louis, Mo.
B.S.Ed. (Southwest Missouri State College)
Field of Specialization: Art
- John William Kreis, Cardington
B.S. in Edu.
Field of Specialization: Education
- Bridget Finnegan Kuhns, Shelby
B.S. in Edu.
Field of Specialization: Education
- Mario Julio Kujawski, Cleveland
B.A. (Brown University)
Field of Specialization: Art
- Sister Jeannette Lampe, Wilmette, Ill
B.A. (Siena Heights College)
Field of Specialization: Art
- Francine Silver Landau, Columbus
B.A. (City College of New York)
Field of Specialization: English
- Thomas Keith Lang, Wintersville
B.S. in Edu.
Field of Specialization: Art
- Edward Russell Lentz, Dayton
A.B. (Princeton University)
Field of Specialization: History
- Thomas James Leo, Madison, Wis.
B.S. in Ed. (Wisconsin State University, Stevens Point)
Field of Specialization: Education

- Louis Joseph Leonardi, Bronx, N. Y.
B.A. (City College of New York)
Field of Specialization: History
- Edith Lew, San Francisco, Calif.
B.A. (University of California, Berkeley)
Field of Specialization: Art
- I-cheng Liang, Taichung, Taiwan
B.A. (Tunghai University, Taiwan)
Field of Specialization: East Asian Languages and Literatures
- Anthony Frank Libertella, New Rochelle, N. Y.
B.A. (Iona College)
Field of Specialization: History
- Martha Schenk Lindner, Columbus
B.S. in Bus.Adm., B.S. in Edu.
Field of Specialization: Education
- Leslee Diann Litt, Warren
B.S. in Edu.
Field of Specialization: Education
- Pamela Blazer Long, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Sister M. de Chantal Lorenz, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Education
- Lawrence Orlando Louviere, Memphis, Tenn.
B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Education
- Mary Boileau Lownie, Columbus
B.S. in Soc.Wel.
Field of Specialization: Education
- Cheryl Williams Lucks, Columbus
B.S. in Edu.
Field of Specialization: Physical Education (Health Education)
- Linda Ruth Lucks, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education
- Jacquelyn Yvonne Madry, Jacksonville, Fla.
B.A. (Fisk University)
Field of Specialization: Education
- James Richard Mansfield, Columbus
A.B. (Ohio University)
Field of Specialization: Education
- Catherine Piper Mansperger, Euclid
B.Mus. (Ohio Wesleyan University)
Field of Specialization: Music
- Marvin Jennings Mason, Marengo
B.S. in Agr.
Field of Specialization: Education
- Richard James Mattis, Watertown, N. Y.
B.S. (New York State University College, Potsdam)
Field of Specialization: Education
- Donald Richard Maxwell, Dinuba, Calif.
A.B. (Fresno State College)
Field of Specialization: Art
- Albert Daniel Mazzarella, Rochester, N. Y.
B.S. in Edu. (New York State University College, Buffalo)
Field of Specialization: Art
- Martha Jo McClatchie, Worthington
B.S. in Educ. (Kent State University)
Field of Specialization: Journalism
- Moira Dixie McCluney, North Plainfield, N. J.
B.A. (Montclair State College)
Field of Specialization: Romance Languages
- Sandra Hastings McCormick, Columbus
B.S. in Edu.
Field of Specialization: Education
- Norman Wesley McCray, Crooksville
B.S. in Edu.
Field of Specialization: Education
- Mary Ann Augspurger McCualsky, Columbus
B.S. (Otterbein College)
Field of Specialization: Physical Education
- James Walter McDonald, Columbus
B.S. in Edu.
Field of Specialization: Music
- Sister Irene McGee, Denver, Colo.
B.S.Ed. (Athenaeum of Ohio); A.B. (College of Mount Saint Joseph on the Ohio); M.A. (Creighton University)
Field of Specialization: Art
- James Michael McIntyre, Stow
B.F.A.
Field of Specialization: Art
- Barry Arnold McLaughlin, New Milford, N. J.
B.S. in Educ. (Northeast Missouri State Teachers College)
Field of Specialization: Physical Education
- Charles Rodrick McLean, Westerville
B.S. in Edu.
Field of Specialization: Education
- Roger Grant McMurrin, Columbus
B.S. (Olivet Nazarene College)
Field of Specialization: Music
- Barbara Annear Meeker, Columbus
B.B.A. (University of Wisconsin, Madison)
Field of Specialization: Education
- Willda Cannon Melton, Lakemont, Ga.
B.S. (North Georgia College)
Field of Specialization: Education
- Rosalina Ignacio Mendiola, Ashland
B.A. (Philippine College of Criminology); B.S. Ed. (University of the East, Philippines)
Field of Specialization: Education
- Herbert Joseph Merrick, Jr., Arlington Heights, Ill.
B.A. (Northwestern University)
Field of Specialization: Classics
- Betty Saxa Meyer, La Grange
B.S. in Edu.
Field of Specialization: Education
- Russell Joseph Meyer, Columbus
B.A.
Field of Specialization: English
- John Richard Mihocik, Euclid
B.A. (Wittenberg University)
Field of Specialization: Education
- Jerilyn Elizabeth Miller, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education
- Sue Ellen Miller, Sinks Grove, W. Va.
A.B. in Educ. (University of Kentucky)
Field of Specialization: Physical Education
- Wayne Joseph Miller, Columbus
B.S. in Edu.
Field of Specialization: Education
- William Hubert Miller, Cincinnati
B.S.Ed. (University of Dayton)
Field of Specialization: Speech
- Elaine Stansbury Mills, Springfield
B.S. in Educ. (University of Nebraska)
Field of Specialization: Speech
- Joyce Ward Mills, Columbus
B.A. (Bennett College)
Field of Specialization: Education
- Sister Patricia Mitchell, Columbus
A.B. (College of Saint Francis)
Field of Specialization: Education
- Sandra Atkinson Moore, Washington C. H.
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education

- Elinora Dumaraos Moral, Manila, Philippines
B.A. (University of the Philippines)
Field of Specialization: Journalism
- Daniel Louis Morocco, Columbus
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education
- J. Gordon Morris, Columbus
B.S. in Edu.
Field of Specialization: Education
- Joan Bradshaw Morrison, Lockbourne AFB
B.S. in Educ. (Miami University)
Field of Specialization: Education
- Roberta Rice Mucha, Parma
B.S. in Edu.
Field of Specialization: Education
- William Oakley Mulbarger, Columbus
B.S. in Edu.
Field of Specialization: Education
- Harry Murutes, Canton
B.S. in Educ. (Kent State University)
Field of Specialization: Art
- Peter Ngiri Mwaura, Nairobi, Kenya
B.A. (Honours) (University of East Africa)
Field of Specialization: Journalism
- Paul Joseph Napierala, Toledo
B.S. in Edu.
Field of Specialization: Education
- Byron Albert Naum, Columbus
B.S. in Bus.Adm., B.S. in Edu.
Field of Specialization: Education
- Robert Louis Nelson, Hartland, Wis.
B.E. (Wisconsin State University, Whitewater)
Field of Specialization: Education
- Gary Ned Newman, Brooklyn, N. Y.
B.A. (New York State University College, Fredonia)
Field of Specialization: History
- Ralph Lee Nix, Blacklick
B.S. (Maryville College, Tennessee)
Field of Specialization: Education
- Grace T.U. Noda, Honolulu, Hawaii
Ed.B. (University of Hawaii)
Field of Specialization: Education
- Clarice Pauline Noland, Indianapolis, Ind.
A.B. (Butler University)
Field of Specialization: Classics
- Marilyn Faye Obrecht, Loudonville
B.S. in Edu.
Field of Specialization: Music
- Douglas Warren Ohlin, Baltimore, Md.
B.S. (Towson State College)
Field of Specialization: Speech
- Charles Wesley Orr, Groveport
B. in Mus.Edu. (Capital University)
Field of Specialization: Music
- Marsha Miller Orr, Columbus
B.S. in Edu.
Field of Specialization: Education
- David Hire Ott, Springfield
B.S. in Edu.
Field of Specialization: Music
- Patricia Ann Pacenta, Akron
B.A. (Marquette University)
Field of Specialization: English
- Thomas Joseph Palardy, Springfield
B.S. in Edu.
Field of Specialization: Education
- Beverly Blazey Palmer, Columbus
B.A. (University of Michigan)
Field of Specialization: Education
- Paul Palmik, Worthington
B.F.A.
Field of Specialization: Art
- Mary Wedell Patterson, Shreve
B.S. in Soc.Adm.
Field of Specialization: Education
- Joan Cassandra Payne, Nashville, Tenn.
B.A. (Howard University)
Field of Specialization: Speech
- Rebecca Barkhurst Peltz, Ashland
B.A.Ed. (Marshall University)
Field of Specialization: Education
- David Neil Pence, Columbus
B.S. in Edu.
Field of Specialization: Education
- Ruann Ernst Pengov, Columbus
B.S. in Edu.
Field of Specialization: Education
- Mary Anne Penzone, Columbus
B.S. in Edu.
Field of Specialization: Education
- Charles William Peschel, Madison, Wis.
B.S.Ed. (University of Wisconsin, Madison)
Field of Specialization: Education
- Dorothea Ford Peterjohn, Columbus
B.S. in Med.Tech. (Wayne State University)
Field of Specialization: Education
- Shirley Range Peters, Columbus
B.S. in Edu.
Field of Specialization: Education
- Vivian Lizotte Petrik, Bonner, Mont.
B.A.Educ. (Montana State University)
Field of Specialization: Education
- William Roger Pfeil, Columbus
B.S. in Edu.
Field of Specialization: Physical Education
- Lois Carol Phillips, Toledo
B.S. in Ed. (Miami University)
Field of Specialization: Education
- Patricia Ann Pifer, Mansfield
B.A. (Spring Arbor College)
Field of Specialization: History
- Richard Mark Pohl, Norwalk
B.S. in Bus.Adm.
Field of Specialization: Business Organization
- David Malcolm Polk, Columbus
B.S. in Edu.
Field of Specialization: Education
- Elias McClellan Poston, III, Ashley
B.A. (American University of Beirut)
Field of Specialization: Sociology
- Helen McIvor Prebus, Columbus
B.A.
Field of Specialization: English
- Susan Pope Proano, Rittman
B.S. in Edu.
Field of Specialization: Speech
- Mildred Turner Pruitt, Johnstown
A.B. (Milligan College)
Field of Specialization: Education
- Patty Jo Ptacek, Cheyenne, Wyo.
B.S. (Colorado State University)
Field of Specialization: Political Science
- Betty Jean Clayborne Quant, East St. Louis, Mo.
B.S. in Educ. (Central State University)
Field of Specialization: Education
- Evelyn Roush Ralston, Circleville
B.S.Ed. (Ohio University)
Field of Specialization: Education
- James Lee Ray, Pettisville
B.A.
Field of Specialization: Political Science
- Robert Cecil Ready, Mansfield
A.B. (Asbury College)
Field of Specialization: Education

- Leroy William Reed, Dexter City
B.S. in Agr.
Field of Specialization: Education
- Thomas Dale Reed, Grove City
B.A. in Educ. (Fairmont State College)
Field of Specialization: Education
- Juergen Michael Reindl, Wayside, N. J.
A.B. (Rutgers—The State University)
Field of Specialization: German
- Cynthia Wyatt Reinhoudt, Williamsville, N. Y.
B.A. (Psy.) (State University of New York at Buffalo)
Field of Specialization: Psychology
- Norman Thomas Reiser, Columbus B.S. (Wilmington College)
Field of Specialization: Education
- Sandra Sue Reisinger, Columbus B.S. in Edu.
Field of Specialization: Journalism
- Sylvia White Reiss, Circleville B.S. (University of Houston)
Field of Specialization: Education
- Alvin Daniel Rewee, II, Tiffin B.S. in Agr.
Field of Specialization: Journalism
- Key Reynolds, Shreveport, La. B.M. Edu. (Louisiana State University and Agricultural and Mechanical College)
Field of Specialization: Music
- George Lee Rich, Jr., Washington, D. C.
B.S. (West Virginia State College)
Field of Specialization: Education
- Donn Charles Richardson, Indianapolis, Ind.
B.A. (Butler University)
Field of Specialization: Journalism
- Dorothy Meinert Richardson, Louisville, Ky.
A.B. (University of Louisville)
Field of Specialization: Education
- Marsha McDaniel Rizer, Columbus B.S. Ed. (Ohio University)
Field of Specialization: Education
- Charles Harry Rockey, Jr., Colorado Springs, Colo.
B.A.E. (Art Institute of Chicago)
Field of Specialization: Art
- Jean Muir Rogers, Worthington B.A. (College of Wooster); M.A.
Field of Specialization: History
- Edward Eston Rohrer, Jr., Pittsburgh, Pa.
B.S. Ed. (Indiana University of Pennsylvania)
Field of Specialization: Education
- Annie Burks Roseboro, Columbus B.S. in Edu.
Field of Specialization: Education
- Arthur Rosenberg, Columbus B. Ed. (University of Miami)
Field of Specialization: Art
- Bonnie Seidman Roth, Columbus B.S. in Edu.
Field of Specialization: Education
- William John Rothwell, Malden, Mass. B.S. (University of New Hampshire)
Field of Specialization: Physical Education
- Constance Edith Rudd, Arlington, Mass.
B.F.A. (Rochester Institute of Technology)
Field of Specialization: Art
- Susan Kincheloe Russel, Columbus A.B. (Illinois College)
Field of Specialization: Romance Languages
- Beth Paul Sael, Columbus B.S. Ed. (Capital University)
Field of Specialization: Education
- Dianne Loquist Salamon, Columbus B.S. (EL. Ed.) (University of Illinois)
Field of Specialization: Education
- Margaret Denman Scarbrough, Fredericktown B.S. Ed. (Ohio University)
Field of Specialization: Education
- Linda Rae Schenck, York, Pa. B.A. (Elizabethtown College)
Field of Specialization: Psychology
- Rosemary Therese Scheuering, Westminster, Colo.
B.A. (University of Albuquerque)
Field of Specialization: Art
- Deanna Sue Schmidt, Fairborn B.A. (Miami University)
Field of Specialization: Education
- Rosalie McClain Schmidt, Upper Sandusky B.S. in Edu.
Field of Specialization: Education
- Sister Angela Schreiber, St. Paul, Minn.
B.A. (College of Saint Catherine)
Field of Specialization: Education
- Dale Edward Scott, Apple Creek B.S. in Agr.
Field of Specialization: Education
- Sandra Eileen Scott, Spring City, Tenn.
B.S. Ed. (Bowling Green State University)
Field of Specialization: Physical Education
- Mary Malenick Sefton, Columbus B.A. (Shepherd College)
Field of Specialization: Education
- Michael Joseph Sens, Lima B.S.
Field of Specialization: Art
- Alfred Richard Sentieri, Mansfield Mus. B. (Oberlin College)
Field of Specialization: Music
- Maurice Joseph Sevigny, Jr., Kingston, Mass.
B.S. (Massachusetts College)
Field of Specialization: Art
- Elizabeth Stranathan Shaw, Worthington B.S. in Edu.
Field of Specialization: Education
- Janette Herdman Sheets, Lancaster B.S. in Edu.
Field of Specialization: Education
- Peggy Clark Sheets, Circleville B.S. in Edu.
Field of Specialization: Education
- Victoria Gasuras Sherer, Bucyrus B.S. in Edu.
Field of Specialization: Education
- Sha-Li Shu, Hualien, Taiwan B.A. (National Taiwan University)
Field of Specialization: Education
- John Ebin Simpson, New Boston B.A.
Field of Specialization: History
- Rita Ann Sinclair, Wellston B.S. (Rio Grande College)
Field of Specialization: Education
- Carol Peterson Siyahi, Merrick, N. Y. B.A. (Beloit College)
Field of Specialization: Journalism
- Norman Lavor Skanchy, Ogden, Utah B.S. (Utah State University)
Field of Specialization: Art
- Elizabeth Tracy Smith, Batavia B.S. in Edu.
Field of Specialization: Education
- Elizabeth Truesdell Smith, Columbus B.A. (Elmira College)
Field of Specialization: Education

- John Christian Smith, Westlake
B.S. in Edu. (Capital University)
Field of Specialization: Education
- Norman Harold Smith, Columbus
B.S.E. (University of Arkansas)
Field of Specialization: Physical Education
- Ruth Klinger Smith, Columbus
B.A. (Purdue University)
Field of Specialization: Sociology
- Kenneth Solomon, Columbus
B.S. in Edu.
Field of Specialization: Education
- James Roland Somerville, Toledo
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education
- Dorothy Ann Spiva, Akron
B.A.; B.A.Ed. (University of Akron)
Field of Specialization: Education
- Clarence Herbert Sprows, Jr., Medina
A.B. (West Liberty State College);
M.Ed. (University of Pittsburgh)
Field of Specialization: Education
- Nancy Walters Sprows, Medina
B.A. (West Liberty State College)
Field of Specialization: Education
- Carlene Walters Stallsmith, Columbus
B.S. in H.E.
Field of Specialization: Education
- David Alan Stech, Armonk, N. Y.
B.S. (University of Minnesota)
Field of Specialization: Music
- Merrill Ray Stevens, Pleasant City
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Robert Harry Stewart, Youngstown
B.S.Ed. (Youngstown State University)
Field of Specialization: Art
- Mabel Lawson Stolzberg, Carlisle
B.S. in Edu. (Miami University)
Field of Specialization: Education
- Susan Stotsky, South Euclid
B.S. in Edu. (Miami University)
Field of Specialization: Education
- John David Studebaker, Grove City
B.S. in Edu. (West Virginia State College)
Field of Specialization: Education
- Phyllis Ann Suvak, South Euclid
B.S.Ed. (Saint John College of Cleveland)
Field of Specialization: Education
- Robert Lynn Swedenborg, Ashtabula
B.S. in Edu.
Field of Specialization: Education
- Robert Emmet Swihart, Columbus
B.S. in Edu.
Field of Specialization: Education
- Sandra McCoy Szerenyi, Loveland
B.S. in Edu.
Field of Specialization: Education
- Ostap Szwabinsky, Cleveland
B.S. in Edu.
Field of Specialization: Education
- Clay Frederick Tanner, Columbus
B.S. in Edu.
Field of Specialization: Education
- Charles Edward Taylor, Columbus
B.A.
Field of Specialization: Education
- David Neil Taylor, Loveland
A.B. (Morehead State College)
Field of Specialization: Romance Languages
- Kenna Clyde Taylor, Shadyside
B.A.
Field of Specialization: Economics
- William Allen Ternent, Pataskala
B.S. in Edu.
Field of Specialization: Speech
- Linda Lou Thompson, Columbus
B.A., B.S. in Edu.
Field of Specialization: Education
- Donald Allen Tischer, Seville
B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Alfred Joe Townsley, Cedarville
B.S. in Edu.
Field of Specialization: Education
- Thelma Hoover Toy, Westerville
B.S. in Edu.
Field of Specialization: Education
- Miriam Magno Travina, Iloilo City, Philippines
B.S.E., M.A. (Central Philippine University)
Field of Specialization: Education
- Teresa Ann Trostmiller, Findlay
B.A. (Albion College)
Field of Specialization: Education
- Ronald Carl Tvedt, Newburg, N. Dak.
B.A. (University of North Dakota)
Field of Specialization: Education
- Judith Swankie Vanderkooi, Columbus
B.A. (Houghton College)
Field of Specialization: Education
- Carole Jean Van Osdol, Kansas City, Mo.
A.B. (University of Missouri)
Field of Specialization: Psychology
- Virginia Mary Vigrass, Cleveland
B.S. Ed. (Baldwin-Wallace College)
Field of Specialization: Education
- James William Vyskocil, Corunna, Mich.
A.B. (University of Michigan)
Field of Specialization: Education
- Sister Mary Marcia Wachowski, Adrian, Mich.
B.A., M.A. (Siena Heights College)
Field of Specialization: Art
- Karen Lee Wa'dman, Louisville, Ky.
B.S. in Ed. (Indiana University)
Field of Specialization: Speech
- Dolores Walker, Miami, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Speech
- Gloria Laticia Walker, Columbus
B.S. in Ed. (Central State University)
Field of Specialization: Education
- Gerald Frederick Walton, Sarasota, Fla.
B.A. (Saint Lawrence University)
Field of Specialization: Education
- Elizabeth Watkins, Dayton
B.S. in Edu.
Field of Specialization: Education
- Janelle Walker Weber, Columbus
B.S. in Edu.
Field of Specialization: Education
- Terrence Michael Weddle, Spencerville
B.S. in Edu.
Field of Specialization: Education
- Bradley Eric Weidenhamer, Goshen, Ind.
B.A. (Ashland College)
Field of Specialization: History
- Neal Terry Weintraub, Evanston, Ill.
B.A. (Michigan State University)
Field of Specialization: Journalism
- Eldon Jacob Wetter, Platteville, Wis.
B.S. (Wisconsin State University)
Field of Specialization: Geography
- Michael Ross Wheatley, Commerce, Tex.
B.S. (East Texas State University)
Field of Specialization: Art
- Patricia Yingling White, Wichita, Kan.
B.A. (Pomona College)
Field of Specialization: History
- Fredric Max Wild, Jr., Sebring, Fla.
B.A. (Emory University)
Field of Specialization: English

Alberta Monica Wilkes, Toledo
B.S. in Educ. (Kent State University)
Field of Specialization: Journalism

Rebecca King Wilkins, West Liberty
A.B. (Eastern Kentucky University)
Field of Specialization: Music

Delores Washington Williams,
Hallandale, Fla.
B.S. in Edu. (Central State
University)
Field of Specialization: Education

Harold Frederick Williams, Columbus
B.A.
*Field of Specialization: Political
Science*

Jean Block Wilson, Chicago, Ill.
B.A. (Indiana University)
Field of Specialization: Speech

David Robert Winter,
Highland Park, Ill.
B.A. (Xavier University)
Field of Specialization: Classics

Jerry Lee Wircenski, Columbus
B.S. in Edu.
Field of Specialization: Education

Jo Anne Hays Witherspoon, Columbus
B.S. in H.E.
Field of Specialization: Education

James Earl Witty, Plainview, Minn.
B.S. (Mankato State College)
Field of Specialization: Education

Dianne Brown Woodruff, Massillon
B.S. in Edu.
Field of Specialization: Dance

Sandra Hysell Woodyard, Columbus
B.S. in Edu.
Field of Specialization: Education

Eugene Woolery, Dayton
B.S. in Edu.
Field of Specialization: Education

James Calvin Wortham, Akron
B.A. in Educ. (University of Akron)
Field of Specialization: Education

Roy Hunter Worthington, Jr.,
Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Carol Boeke Wroblewski, Columbus
B.S. in Edu.
Field of Specialization: Education

Ann Marie Wuellner, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Education

Melvin DeWayne Wygant, Columbus
B. of Music Ed. (Capital University)
Field of Specialization: Music

Beverly Irene Yakatan, Philadelphia,
Pa.
A.B. (Temple University)
Field of Specialization: Education

Albert Laughlin Zimmer,
East Liverpool
B.A. (Miami University)
Field of Specialization: English

Bonita Kay Zinda, Appleton, Minn.
B.A. (Moorhead State College)
Field of Specialization: Psychology

Ann Louise Zook, Miami, Fla.
B.A. (University of South Florida)
Field of Specialization: Psychology

Ronald Wayne Zwiers, Hudsonville,
Mich.
A.B. (Calvin College)
Field of Specialization: Music

Master of Business Administration
Thirty-one candidates

James Tague Bentz, Columbus
B.S. in Bus.Adm.
*Field of Specialization: Business
Organization*

Richard Edward Brister, Columbus
B.B.A. (Ohio University)
*Field of Specialization: Business
Organization*

Steven Douglas Carroll, New Albany,
Ind.
B.S. (Butler University)
*Field of Specialization: Business
Organization*

Gary Alan Close, Fairborn
B.S. (United States Air Force
Academy)
*Field of Specialization: Business
Organization*

John Robert Deislinger, Girard
B.S. in Bus.Adm.
*Field of Specialization: Business
Organization*

Clark Benton Dorsey, Bangor, Me.
B.S. in I.M. (Georgia Institute of
Technology)
*Field of Specialization: Business
Organization*

Leonard Oscar Eklund, Portland,
Mich.
B.S. (Western Michigan University)
*Field of Specialization: Business
Organization*

Myron William Gallogly, Mt. Vernon
B.M.E., M.S.
*Field of Specialization: Business
Organization*

Dennis Dwight Garber, Glen Rock,
N. J.
B.S. (Marietta College)
*Field of Specialization: Business
Organization*

Joseph Macy Hample, Kettering
B.S.Aero.Eng. (Aeronautical
University); B.Mech.Engr.
(University of Dayton)
*Field of Specialization: Business
Organization*

Harvey Lee Hivnor, McConnelsville
B.S. in Ed. (Ohio University)
*Field of Specialization: Business
Organization*

Louie B. Hoop, Jr., Cascilla, Miss.
B.B.A. (University of Mississippi)
*Field of Specialization: Business
Organization*

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

Allen LeRoy Johnson, Dayton
B.S. (University of Illinois);
M.S. in E.E. (Northwestern
University)
*Field of Specialization: Business
Organization*

David Lee Kapp, St. Joseph, Mo.
B.S. (United States Air Force
Academy)
*Field of Specialization: Business
Organization*

William Arthur Kehler, Lockland
B.S. in Bus.Adm.
*Field of Specialization: Business
Organization*

Thomas Allen Kruger, Columbus
B.S. (University of Wisconsin)
*Field of Specialization: Business
Organization*

William George Loeber, III,
Cuyahoga Falls
B.A.
*Field of Specialization: Business
Organization*

James Anthony Lopresti,
Maple Heights
B.S. in Bus.Adm.
*Field of Specialization: Business
Organization*

Henri Edouard Mesley, Paris, France
*Field of Specialization: Business
Organization*

Geoffrey Groman Meyers, Toledo
B.A. (Northwestern University)
*Field of Specialization: Business
Organization*

Joseph John Milisits, Lancaster
B.S. (Pennsylvania State University)
*Field of Specialization: Business
Organization*

Robert Alan Oakley, Columbus
B.S.Aero. and Astro. Engr. (Purdue
University)
*Field of Specialization: Business
Organization*

Jack Richard Pingry, Columbus
B.S.M.E. (Purdue University);
M.S. (University of Virginia)
*Field of Specialization: Business
Organization*

John Fredric Randall,
West Carrollton
B.S.
*Field of Specialization: Business
Organization*

Arthur Lewis Schneider, Canton
B.A. (College of Wooster)
*Field of Specialization: Business
Organization*

Donald Nelson Scott, Cincinnati
B.S.I.M. (Purdue University)
*Field of Specialization: Business
Organization*

Ben Susman, Frontenac, Mo.
B.S. (Bus.) (University of Colorado)
*Field of Specialization: Business
Organization*

Carl Millon Tucker, III,
Pageland, S. C.
B.A. (Wake Forest University)
*Field of Specialization: Business
Organization*

Richard Steven Vogel, Syosset, N. Y.
B.S. in Bus. Adm.
*Field of Specialization: Business
Organization*

Ralph William Weimer, Jr.,
Columbus
B.S. in Phar.
*Field of Specialization: Business
Organization*

Master of City Planning

Five candidates

Friedrich Bohm, Krems, Austria
*Field of Specialization: City and
Regional Planning*

Donald Walter Lenz, Little Neck,
N. Y.
B.A. (City College of New York)
*Field of Specialization: City and
Regional Planning*

Rex Thomas Molyneaux, Basseterre,
St. Christopher Is., West Indies
*Field of Specialization: City and
Regional Planning*

David Coleman Peebles, Jr.,
Cleveland
B.A. (Loyola University)
*Field of Specialization: City and
Regional Planning*

John Nicholas Woelfl, Parma
B.S. (Tri State College)
*Field of Specialization: City and
Regional Planning*

Master of Fine Arts

Six candidates

Nan Penney Prudden Denning,
Columbus
A.B. (Cornell University)
*Field of Specialization: Fine Arts
(Painting)*

Dean Roger Lettenstrom, Superior,
Wis.
B.F.A. (Wisconsin State University,
Superior); M.A. (University of
Dallas)
*Field of Specialization: Fine Arts
(Painting)*

Van Michael Oxley, Newark
B.F.A.
*Field of Specialization: Fine Arts
(Painting)*

Bruce Lee Papier, Columbus
B.F.A., M.A.
*Field of Specialization: Fine Arts
(Graphics)*

Patricia Ann Renick, Tampa, Fla.
B.S. (Florida State University);
M.A.
*Field of Specialization: Fine Arts
(Graphics)*

Dixie Henning Worcester, Stow
B.F.A.; M.A. (University of
Wisconsin)
*Field of Specialization: Fine Arts
(Ceramics)*

Master of Music

One candidate

Dan Olin Clark, Columbus
B.S. in Edu.
Field of Specialization: Music

Master of Science

One hundred and fifty-seven candidates

Bruce Nils Anderson, Worthington
B.A. (Pacific Union College);
M.D. (Loma Linda University)
Field of Specialization: Psychiatry

Philip Simon Babel, Fairborn
B.E.E. (University of Detroit)
*Field of Specialization: Computer and
Information Science*

Robert McClernand Bader, Xenia
B.C.E.
*Field of Specialization: Engineering
Mechanics*

Sister Julia Raymond Barrett,
Nazareth, Ky.
B.S. (Catherine Spalding College)
*Field of Specialization: Preventive
Medicine*

Scott McComb Barrick, Alliance
B.Ch.E.
*Field of Specialization: Chemical
Engineering*

Raymond Gene Barry, Lima
B.S.
Field of Specialization: Mathematics

Jane VanGundia Barton, Tiffin
A.B. (Heidelberg College)
*Field of Specialization: Home
Economics*

Robert Daniel Bero, Parma Heights
B.M.E.
*Field of Specialization: Industrial
Engineering*

K. Ramachandra Bhat, Paivalike,
India
B.S. (University of Mysore);
M.S. (Banaras Hindu University)
Field of Specialization: Chemistry

Thomas Leo Bills, St. Henry
B.S. in Phys.
Field of Specialization: Physics

John Philip Bishop, Marysville
B.S. in Agr., D.V.M.
Field of Specialization: Dairy Science

Katherine Ann Bobula, Delaware
B.S. in H.E.
*Field of Specialization: Home
Economics*

Willem Eduard Bok, Port Elizabeth,
South Africa
B.M. and B. of Surgery (University
of Capetown)
Field of Specialization: Psychiatry

Carol Marie Boyum, St. Paul, Minn.
B.A. (Saint Olaf College)
Field of Specialization: Mathematics

- John Royal Brasel, Jr. Larchmont, N. Y.
B.S. in Math (Massachusetts Institute of Technology)
Field of Specialization: Mathematics
- James Louis Braun, Cincinnati B.Ch.E.
Field of Specialization: Chemical Engineering
- *Dennis Neil Breiter, Yellow Springs
Field of Specialization: Mathematics
- Gail Graham Burns, Torrance, Calif. B.S. (San Fernando Valley State College)
Field of Specialization: Home Economics
- **Donald Leon Byrckett, Kettering
Field of Specialization: Industrial Engineering
- Stephen Michael Caiola, Cuyahoga Falls
B.S. (Duquesne University)
Field of Specialization: Pharmacy
- Rosalyn Kathleen Callahan, Lima B.S. in Ed. (Ashland College)
Field of Specialization: Home Economics
- Tsuey-Jen Chau, Taipei, Taiwan B.Sc. (Taiwan Provincial Chung-Hsing University)
Field of Specialization: Agronomy
- John-lin Chen, Pington, Taiwan B.S. in Agr. (National Taiwan University)
Field of Specialization: Dairy Technology
- Chun-Wu Chow, Shiang, Taipei Hsien, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Chemistry
- David Steven Colombo, Parkersburg, W. Va.
B.A. (Marietta College)
Field of Specialization: Computer and Information Science
- Michele Messenger Constable, Orrville B.S. in Food Tech.
Field of Specialization: Horticulture
- *Keith Eugene Crawford, Canal Fulton
Field of Specialization: Aeronautical and Astronautical Engineering
- Linda Cook Cronkleton, Columbus B.S. in H.E.
Field of Specialization: Home Economics
- Charles Deans Crystle, Columbus B.S. (Franklin and Marshall College); M.D. (University of Pennsylvania)
Field of Specialization: Obstetrics and Gynecology
- Raul Dantas d'Arce, Sao Paulo, Brazil Eng. Agr. (University of Sao Paulo)
Field of Specialization: Animal Science
- Uttam Das Gupta, West Bengal, India B.Sc., M.Sc. (University of Kalyani)
Field of Specialization: Chemistry
- Bernice Ethel Davis, Wernersville, Pa. B.S. (Pennsylvania State University)
Field of Specialization: Home Economics
- Charles Stephen DeSilets, Drexel Hill, Pa.
B.S. in Phys.
Field of Specialization: Physics
- Mary Ellen Eakin Echelbarger, Canal Winchester
B.S. in Nurs.
Field of Specialization: Nursing
- *Joseph Michael Eller, Newark
Field of Specialization: Ceramic Engineering
- David Eugene Ervin, Mansfield B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Augustine Onwura Ezenwa, Enugu, East Nigeria
B.S. Agr. (University of Arizona)
Field of Specialization: Entomology
- Andre Ezis, Findlay B.Cer.E.
Field of Specialization: Nuclear Engineering
- Ching-Chiou Feng, Taipei, Taiwan B.S. (National Taiwan University)
Field of Specialization: Engineering Mechanics
- Christine Martino Fink, West Haverstraw, N. Y.
B.S. (Good Counsel College)
Field of Specialization: Chemistry
- Grover Thomas Frederick, Cleveland B.S.
Field of Specialization: Microbiology
- Robert Harold French, Bellaire B.E.E.
Field of Specialization: Electrical Engineering
- Joseph Dominic Gargiulo, Wickliffe B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Norman Lawrence Gearhart, Jr. Youngstown
B.S. (Youngstown State University)
Field of Specialization: Physics
- Leonard Albert Gideon, Jr., Fort Worth, Tex.
B.S. (Texas Agricultural and Mechanical University)
Field of Specialization: Veterinary Surgery
- Russell John Gosnell, Columbus B.S.
Field of Specialization: Mathematics
- Dorothy Crowell Grossman, Berea, Ky. B.A.
Field of Specialization: Pathology
- Margaret Louise Grunnet, Minneapolis, Minn.
B.A., B.S., M.D. (University of Minnesota)
Field of Specialization: Pathology
- Jorge Arciniega Guzman, Mexico, F.D., Mexico
Ing. Quim. (National University of Mexico)
Field of Specialization: Chemical Engineering
- Charles Thomas Hammond, Colchester, Ill.
B.S. in Educ. (Western Illinois University)
Field of Specialization: Botany
- Frederick William Hanson, Columbus B.A., M.D. (University of California)
Field of Specialization: Obstetrics and Gynecology
- Adolph Harris, Dayton B.S. As.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Barbara Ann Miller Henshaw, Brockway, Pa.
B.S. in Home Ec. (Indiana University of Pennsylvania)
Field of Specialization: Home Economics
- Lynn B. Hetland, Billings, Mont. B.A. (Eastern Montana College)
Field of Specialization: Pathology
- Masataka Higa, Naha, Okinawa B. Eng. (Hiroshima University)
Field of Specialization: Civil Engineering

- * Also Bachelor of Arts, Colleges of the Arts and Sciences
- ** Also Bachelor of Industrial Engineering, College of Engineering
- * Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
- * Also Bachelor of Ceramic Engineering, College of Engineering

Mark Stewart Hirsh, Denver, Colo.
B.A. (University of Colorado)
Field of Specialization: Mathematics

Bernard Louis Huff, Jr., Ste. Marie, Ill.
B.S. (University of Illinois)
Field of Specialization: Entomology

William Ward Hunter, Jr., Fresno
D.V.M.
Field of Specialization: Physiology

William Charles Husum, Toledo
B.S.
Field of Specialization: Anatomy

Angelina Amaonye Iregbulem, Port
Harcourt, Biafra
B.S. (University of Arizona)
*Field of Specialization: Home
Economics*

Michael Anthony Jaeger,
River Grove, Ill.
B.S.A.E. (Saint Louis University)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Janet Haas Johnson, Worthington
B.S. in Occ. Ther.
*Field of Specialization: Home
Economics*

Ralph Walton Johnson, Harleysville,
Pa.
B.S. (Ursinus College)
Field of Specialization: Mathematics

Charlie Mae Jones, Fairfield, Ala.
B.S. (Tuskegee Institute)
Field of Specialization: Nursing

James Dean Joseph, Grove City
B.S. in Phys.
Field of Specialization: Physics

Robert George Kalinsky, Cleveland
B.S. (University of Dayton)
Field of Specialization: Botany

Nick Alan Kaluger, Shadyside
B.I.E.
*Field of Specialization: Industrial
Engineering*

*Harold Eugene Karcher, Richwood
*Field of Specialization: Agricultural
Education*

Evelyn Smith Kinzel, Mansfield
B.S. in Phys.
Field of Specialization: Physics

**James William Kirkpatrick, Jr.,
Columbus
*Field of Specialization: Electrical
Engineering*

Sue Wilson Kirkpatrick, West Liberty
B.S. in H.E.
*Field of Specialization: Home
Economics*

Arthur Theodore Koch, Depew, N.Y.
B.S. (Canisius College)
Field of Specialization: Chemistry

George Konomos, Columbus
B.M.E. (Auburn University)
*Field of Specialization: Electrical
Engineering*

James Lee Lager, Maumee
B.S.
Field of Specialization: Mineralogy

John O. Landers, Gary, Ind.
A.B. (MacMurray College)
Field of Specialization: Chemistry

Robert Elwood Lewis, Deer Park
B.S. (Eastern Kentucky University)
Field of Specialization: Mathematics

Elizabeth Ann Libben, Port Clinton
B.S.Ed. (Bowling Green State
University)
*Field of Specialization: Home
Economics*

James Bruce Lincoln, Port Huron,
Mich.
B.S. (Eastern Michigan University)
Field of Specialization: Mineralogy

Miles Hillard Lovingood, Springfield
B.S. in Agr.
*Field of Specialization: Agricultural
Engineering*

Karle Albert Lucal, Oregon
B.S. in Agr.
*Field of Specialization: Agricultural
Education*

J. Richard Lundgren, Easthampton,
Mass.
B.S.E.E. (Worcester Polytechnic
Institute)
Field of Specialization: Mathematics

Margaret Hunsley Lutsch, Columbus
B.S. in H.E.
*Field of Specialization: Home
Economics*

Charles Dixon MacArthur, Englewood
B.S.
Field of Specialization: Physics

Jacob Edward Mackey, Jr., Lakewood
B.S. (Case Western Reserve
University)
Field of Specialization: Physics

Josephine Banzon Magat, Quezon
City, Philippines
B.S. (University of Santo Tomas)
*Field of Specialization: Physiological
Chemistry*

Robert Zenn Maigetter, Youngstown
B.S.
Field of Specialization: Microbiology

Jayne Carney Martin, Floral Park,
N. Y.
B.S. (Saint Bonaventure University)
Field of Specialization: Microbiology

Gerald Edwin Matyk, Parma
B.A. (John Carroll University)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

*Robert Walter Matz, Westerville
*Field of Specialization: Ceramic
Engineering*

Lawrence S. Mayer, Columbus
B.S.
Field of Specialization: Mathematics

Myles Hastings McCabe, Mineola,
N. Y.
B.S. (University of Dayton)
Field of Specialization: Physics

**Thomas Jeffrey McLaughlin,
Worthington
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Carol Boyd Meeks, Stoutsville
B.S. in H.E.
*Field of Specialization: Home
Economics*

James Donald Mooney, Ridgefield
Park, N. J.
B.S.E.E. (University of Notre Dame)
*Field of Specialization: Electrical
Engineering*

Inez Schwab Moore, Columbus
B.S. (Nurs.) (University of
Nebraska)
Field of Specialization: Nursing

Robert Michael Morena, Rahway,
N. J.
B.S. (Rutgers-The State University)
*Field of Specialization: Ceramic
Engineering*

Sue Nicholson Mueller, Cincinnati
B.S. in Home Ec. (Washington State
University)
*Field of Specialization: Home
Economics*

Cecilia Cantrell Nelson, Columbus
B.S. (University of Alabama)
Field of Specialization: Nursing

* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics
** Also Bachelor of Electrical Engineering,
College of Engineering
* Also Bachelor of Ceramic Engineering, Col-
lege of Engineering
** Also Bachelor of Aeronautical and Astro-
nautical Engineering, College of Engineer-
ing

- Margaret Ruth Willis Nielsen, Fairborn
B.A. (Queen's University, Canada)
Field of Specialization: Mathematics
- *Thomas L. Niemeyer, Sidney
Field of Specialization: Electrical Engineering
- James Robert Nimz, Columbus
B.C.E.
Field of Specialization: Civil Engineering
- Karyn Louise Nirady, Cleveland
B.S.
Field of Specialization: Microbiology
- Dusit Nontanakorn, Bangkok, Thailand
B.E. (Youngstown State University)
Field of Specialization: Civil Engineering
- Eugene Irving Odell, Grand Haven, Mich.
B.S.F. (M.E.) (University of Michigan)
Field of Specialization: Engineering Mechanics
- Rajagopalan Parthasarathy, Bombay, India
B.E. (University of Madras)
Field of Specialization: Nuclear Engineering
- James Richard Pfalzer, Louisville, Ky.
B.C.E. (University of Louisville)
Field of Specialization: Civil Engineering
- Aldwyn Thomas Philip, Port of Spain, Trinidad
Field of Specialization: Geodetic Science
- Sandra Michael Phipps, Dayton
B.S. in Nurs.
Field of Specialization: Nursing
- Teri Washington Porter, New Boston
B.S. in H.E.
Field of Specialization: Home Economics
- *Galen David Powers, Genoa
Field of Specialization: Ceramic Engineering
- Patricia Evelyn Purcell, Painesville
B.S. in H.E.
Field of Specialization: Home Economics
- Nancy Jo Ramsey, Glen Ellyn, Ill.
B.S.
Field of Specialization: Geology
- *James William Randall, Portsmouth
Field of Specialization: Ceramic Engineering
- Pittungpay Ratnasiri, Piliyandala, Ceylon
B.Sc. (University of Ceylon)
Field of Specialization: Electrical Engineering
- Gwendolyn Mitchell Reichbach, Worthington
B.S.Ed. (Miami University)
Field of Specialization: Home Economics
- James Patrick Reilly, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Geodetic Science
- Judy Dimarumba Ribaya, Quezon City, Philippines
B.Sc. (University of Santo Tomas)
Field of Specialization: Physiological Chemistry
- Ida Richard, Opelousas, La.
B.S. (Southern University)
Field of Specialization: Home Economics
- Michael Alan Richards, Dayton
B.S. (Evansville College)
Field of Specialization: Electrical Engineering
- Jesus Antonio Rico-Velasco, Bogota, Colombia
Field of Specialization: Agricultural Economics and Rural Sociology
- Adrian Earl Roberts, Wilmington
B.S. in Agr.
Field of Specialization: Agricultural Education
- Arthur Paul Roberts, Beverly, Mass.
A.B. (Columbia University);
M.D. (New York Medical School)
Field of Specialization: Preventive Medicine
- Ruth Evans Rogers, Wayne, Pa.
B.S. (Denison University)
Field of Specialization: Mathematics
- *Elliot Bennett Ross, Cleveland
Field of Specialization: Welding Engineering
- Jane Rudy Roth, Covington
B.S.H.Ec. (Ohio University)
Field of Specialization: Home Economics
- Patricia Coyle Schindler, Charlottesville, Va.
B.S. (Ed.) (Tufts University)
Field of Specialization: Home Economics
- Judith Diane Schlesinger, Brooklyn, N. Y.
B.S. (Brooklyn College)
Field of Specialization: Computer and Information Science
- Jared Naphtali Schwartz, Youngstown
B.S.
Field of Specialization: Botany
- Ennio Steve Senia, North Haledon, N. J.
D.D.S. (Marquette University)
Field of Specialization: Dentistry
- John Elsworth Shawd, Columbus
B.M.E.
Field of Specialization: Mechanical Engineering
- David Lee Smith, Newark
A.B. (University of Michigan)
Field of Specialization: Mathematics
- Donald Eugene Smith, New Albany
B.E.E.
Field of Specialization: Electrical Engineering
- Lary Raymond Smith, Plymouth, Mich.
B.A. (Kalamazoo College)
Field of Specialization: Mathematics
- Ruth Sather Sorenson, Lockbourne
B.A. (Augsburg College)
Field of Specialization: Home Economics
- Emilio Domenico Spinosa, Columbus
B.Cer.E.
Field of Specialization: Ceramic Engineering
- Karen Marr Stimpert, Ashland
B.S.
Field of Specialization: Microbiology
- Sophia Rwei Su, Taipei, Taiwan
B.Sc. (Taiwan Normal University)
Field of Specialization: Chemistry
- Krishnappa Subbarao, Mandya, India
B.Sc. (Bangalore University);
M.Sc. (University of Mysore)
Field of Specialization: Physics
- Frances Olsen Swanson, Superior, Wis.
B.A. (Wisconsin State University)
Field of Specialization: Chemistry
- *Richard Marker Swanson, Columbus
Field of Specialization: Electrical Engineering

- * Also Bachelor of Electrical Engineering, College of Engineering
- * Also Bachelor of Ceramic Engineering, College of Engineering
- * Also Bachelor of Welding Engineering, College of Engineering

Dennis Charles Swartz, Upper Sandusky
B.S. in Agr.
Field of Specialization: Agricultural Education

Hiroshi Takahashi, Tokyo, Japan
B.S. (Saitama University)
Field of Specialization: Chemistry

Phongphan Temsuk, Thonburi, Thailand
B.Sc. (University of Medical Sciences)
Field of Specialization: Microbiology

Paul Richard Theaker, Mansfield
B.S.
Field of Specialization: Plant Pathology

Orin Duane VanLangen, Humboldt, Ia.
B.A. (University of Northern Iowa)
Field of Specialization: Mathematics

Sharon Rettig Vincent, Washington
C.H.
B.S. in Med. Tech.
Field of Specialization: Pathology

Janice Marie Virag, South Amherst
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Home Economics

Frank Darrel Vrudny, Arnold, Pa.
B.S. (University of Pittsburgh)
Field of Specialization: Chemistry

Flavio Aurelio Wandeck, Rio de Janeiro, Brazil
B.S. Vet. Med. (Rural University of Brazil)
Field of Specialization: Dairy Technology

Hsien-Yien Wang, Taipei, Taiwan
B.S. (Tunghai University)
Field of Specialization: Chemistry

*William Allan Watkins, Columbus
Field of Specialization: Civil Engineering

Bennie Lee White, Manchester
B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Norah Teague Williams, Columbia, S.C.
B.A. (University of South Carolina)
Field of Specialization: Computer and Information Science

Judith Ann Wilson, Columbus
B.S. in H.E.
Field of Specialization: Home Economics

Ned Bruce Wilson, Toronto
B.S.
Field of Specialization: Industrial Engineering

Robert Thomas Woodland, Philadelphia, Pa.
B.S. (Villanova University)
Field of Specialization: Microbiology

John Allen Yeichner, Galion
B.E.E.
Field of Specialization: Electrical Engineering

* Also Bachelor of Civil Engineering, College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
Acting Dean for Undergraduate Programs: Robert A. Oetjen

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: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

Two hundred and thirty-six candidates

Peter Andrejs Abolins, Worthington
James Bryan Amato, Columbus
Abbie Ann Amos, Scio, B.S. in Edu.
Edwin Vase Anderson, Elyria
Stephen Michael Armstrong,
Cincinnati

Ronald Fred Arndt, Parma
James Richard Arrowsmith,
Westerville

Samuel Mark Baker, Columbus
Ronald James Balbin, Parma
Cynthia Ann Barber, Celina
Suzanne Brown Barry, Cincinnati

*Nancy Armeen Bartell,
Great Neck, N. Y.

Thomas Edward Baxter, Fremont
Ronald Wuchet Beathard, Harrison
Robert Dean Bemis, Columbus
Phyllis Hedrick Benz, Mt. Healthy
Donald Glenn Berger, Medina
Kenneth David Berk,
University Heights

Andrea Glass Berlow, Jamaica, N. Y.
Marilyn Lee Bloomberg, Cleveland
James Michael Blue, Columbus
Diana Lee Bobby, Amsterdam
David Leo Bodner, Dayton
David Charles Boiman, Columbus
Catherine Dick Booher, Columbus
James Joseph Bovara, Youngstown
James Ralph Bowers,
Horseheads, N. Y.

Joyce Elaine Boyer, Mont Alto, Pa.
John Richard Bradbury, Cortland
†Dennis Neil Breiter, Yellow Springs
Joan Ida Brill, Shaker Heights

Dean Robert Brown, Cleveland
Rusty Oreste Brunicardi, Columbus
Charles Leslie Burd, Chesapeake
Bruce Edward Burns, Columbus
John Evangelist Campion, III,
Charlotte, N. C.

Jan Noble Carlson,
University Heights
Paul Lockwood Cass, Wayland, Mass.

Clark Dowling Cellio, Columbus
Janet Manzello Charyn, Columbus
Constance Ruth Cheney, Shelby
Larry Isisah Clarke, Twinsburg
Deborah Jean Clifton, Toledo
Ronald Ray Cobb, Van Wert

Howard Lee Cohen, Shaker Heights
Robert Warren Connell, Alliance
Tom Harvey Connolly, Richwood
Gary Lee Cooper, Columbus
David John Cordea, Columbus
Patricia Ann Corn, Columbus

Herbert Michael Cox, Columbus
Stephen Eugene Cox, Columbus
William Thomas Creel, Painesville
Evelyn Davidson, Londonderry
James Monroe Delhamer, II, York, Pa.

Danny Lee DeMatteis, Columbus
Gene Edward Detrick, Bellefontaine
Vance Arlen Dick, Shelby
Bert Carlton Drennen, III, Conneaut
Terry Crockett Easton, Franklin
Jane Eisdorfer, Forest Hills, N. Y.
Thomas Wayne Ellers,
Averill Park, N. Y.

Deborah Lynn Emm, Dayton
Donna Cicely Eschenbrenner,
Columbus

Robert William Evans, Cleveland
Chester Falzerano, Dayton
Karen Lois Fastow, Irvington, N. J.
Joseph Louis Finocchi, Worthington
Kathleen Anne Folta, Lakewood
Frank Anthony Fratoe, Cleveland
Mark Allen Frost, Salem
Michael Wade Fuhrig, Akron
Judith Kathleen Gideon, Worthington
Elizabeth Rose Gildea, Ironton
Susan Jeanne Gilroy, Commack, N. Y.
Marc Paul Goldzweig,
West Hempstead, N. Y.

Donna Goodman, Cleveland Heights
Robert Dennis Green, Columbus
William Allan Grim, Crestline
Edward Gross, Youngstown
Eric Von Gruber, Cincinnati
Holly Pauline Hall, Rockville, Md.
John Cameron Hall, Massillon
Thomas Skidmore Halsey,
Southold, N. Y.

James William Hanf, Columbus

John Joachim Harke, Springfield
Ralph Heard, Cleveland Heights
Geoffrey Byron Heaton, Columbus
Michael Keyes Hendershot, Toledo
Judith Bolar Hendrix,
Canal Winchester

Gary Willis Hennen, New Concord
Charlotte Ashley Herman, Ada, Okla.
John Mason Hinkle, Chillicothe

Wayne Joseph Hoffman, New Paris
Thomas Allan Holton, Dayton
Randy Louis Hoover, Willoughby
Sandra Marilyn Horwitz, Cleveland
Melanie Joan Howison, Columbus
Edward Emmett Hueckel, Columbus

Kathy Hall Hull, Delaware
Larry Robert Isch, Mansfield
Marilyn Ann James, Columbus

*David Gerald Javitch,
Cleveland Heights

Rodney Lee Johnson, Columbus
Carl Allan Jones, Columbus
Nan Presser Jones, Columbus
Neil Jerome Kaufman, Cleveland
Jack Michael Keefe, Columbus
Robert Dennis Kelly, Parma
John Paul Kenner, Tiffin

Howard Alan Kessler, Youngstown
Laurence Matthew Kieffer, Columbus
John Edward Klemack, Grove City
Henry James Knapke, Jr., Celina
Mildred Snyder Knemeyer, Columbus
Thomas John Kniesner,
Garfield Heights

David Andrew Kolb, Columbus
William Kold, Columbus

Barbara Lynn Koslen, Cleveland
Jan Friday Kraus, Columbus

Max Kravitz, Miami, Fla.
Jan Steven Kucera, Lakewood

Michael Paul Lavigna, Jr., Euclid
Dennis Alan Lecy, Cleveland

Richard Kenneth Lehman, Cleveland
Marlene Warring Lehtinen,
Ashtabula

Richard Emil Lisak, Yardley, Pa.
Harry Warren Little, Columbus

David Ellison Long, Dayton
John Edward Long, Hamilton

William Randall Lowry,
Commack, N. Y.

James Mebane Lutz, Troy
Crofford Johnson Macklin, Jr.,
Lithopolis

*Mary Carole Ward Macklin,
Columbus

* Also Bachelor of Science in Education,
College of Education
† Also Master of Science, Graduate School

William Brown Mahoney, Bath
 Kurt Max Malkoff, Youngstown
 *Allen James Marabito, Cleveland
 Ralph William Marinello, Columbus
 Albert George Marshall, Dayton
 Paul Devereaux Marshall, Kettering
 John Carl Matesich, Zanesville
 Carolyn Janis Mayer, Mansfield
 Hartley Addison Mays, Bluefield, Va.
 Kathleen Elizabeth McCarthy,
 Ashtabula
 Elva Rebecca McFarland, Cambridge
 Thomas Robert McGrath, Columbus
 Keith Alan McIlroy, Columbus
 Thomas Henry McKeag,
 Temple Hills, Md.
 Jack Michael McKenna, Columbus
 Douglas Lee McLeod, Cleveland
 Ilene Berman Micha, Columbus
 Robin Jane Milstead, Zanesville
 Carroll Drayer Morales, Columbus
 Susan Leigh Moreton, Cincinnati
 Ann Elizabeth Morgan, Gallipolis
 Eugene Alan Morris, Akron
 Kenneth Gregory Morris, Elyria
 John Thomas Morrison, Chillicothe
 Robert Hebard Mustard,
 Wallingford, Conn.
 Joseph Andrew Nagy, Columbus
 John William Nelson, New Paris
 Leonard Elmore Newman, Columbus
 Michael Anthony Oddi, Columbus
 Thomas Richard Panek,
 Fairview Park
 Jeffrey David Panning, Worthington
 Robert Andrew Parker, Columbus
 Leslie John Paster, Garfield Heights
 Dudley Patrick, Columbus
 James Robert Perdiew, Columbus
 Lewis Arthur Perles, Brooklyn, N. Y.
 Charles Edward Peters, West Liberty
 Diana Lou Pilisdorf, Shaker Heights
 Lois Elaine Preston, Columbus
 Luther Edward Price,
 Washington C. H.
 Robert Elliott Race, Mansfield
 Charles Emil Rahn, Jr.,
 New Philadelphia
 Laurel Ann Retay, Parma
 Larry Philip Rima, Falls Church, Va.
 Gary Clyde Ritzer, Columbus
 Jerome Anthony Robson,
 East Liberty
 Thomas Rutledge Rosebrough,
 Ironton
 Diane Toby Rubin, Shaker Heights
 George Francis Runner, Maumee
 Ute Shepherd St. Clair, Columbus

William Bradley Salt, II, Columbus
 William Schmidt, Mansfield
 Karen Sue Schrock, Middletown
 Meridee Schwartz, Bayside, N. Y.
 Richard Newman Schwartz,
 Youngstown
 Glen William Sebald, Jr., Columbus
 Robert Richard Segedi, Brook Park
 Donald Raymond Selvage, London
 Charles Howard Shenk, Columbus
 Roberta Fricker Snoke, Cleveland
 Elliot Morris Soloway, Cleveland
 Ronald Douglas Spon, Columbus
 Philip Bruce Spurlock, Oberlin
 *Harlan William Stine,
 Walnut Creek, Calif.
 Dona Griffith Stinziano, Columbus
 Marvin Elliot Stone, Shaker Heights
 Abbey Strauss, Bennettsville, S. C.
 Gerald Stephen Strauss, Marion
 Ira Bennett Sully, Reynoldsburg
 Nancy Joseph Swartz, Sandusky
 Jeffrey Alan Tannenbaum,
 Cleveland Heights
 Eric Peter Thomas, Lima
 Richard Paul Timko, Reynoldsburg
 Leslie Ellen Toole, Columbus
 Kathleen Wisecup Treharne,
 Columbus
 Marcia Joan Tubbs, Medina
 Terrence John Tychan, Akron
 Larry Joseph Ullery, Trotwood
 Udo Franz Ludwig Ustar,
 Dhron, Germany
 Phillip Robert Velen,
 Lincolnwood, Ill.
 Genevieve Esther Walker,
 Sudbury, Mass.
 Hensel Owen Ward, Jr., Columbus
 Susan McCoy Weaver, Westerville
 Sheldon Howard Weisberg,
 University Heights
 David Lynn Weiser, Worthington
 Karen Jeanne Wheeler,
 Parma Heights
 *Mary Rita Whitehead, Columbus
 Roger Andrew Wilkens, Seville
 Richard John Wills, Columbus
 Tim Scott Winchester, Dayton
 Mark Edward Wise, Columbus
 Robert Henry Wolf, Copley
 Marjorie Lela Wolozin,
 Marblehead, Mass.
 Michael Stewart Wooddell, Sheiby
 Jacqueline Mary Wright, Newark
 Marjola Wrzyszczyński, Columbus
 Jeffrey Carl Wynbrandt,
 South Euclid

Michael Oden Wynkoop, Norwalk
 Angela Elisabeth Zassenhaus,
 Columbus
 Ethel Margery Zeckhauser,
 Buffalo, N. Y.
 Dolores Diane Zodikoff, Cincinnati
 Gary Steven Zolton, Youngstown

Bachelor of Science

One hundred and five candidates

Mary Alice Atkins, Lancaster
 Charles Edward Barna, Barberton
 Patricia Susan Bartos, Lorain
 Lee Albert Bauer, Westlake
 Robert Paul Bauer, Cincinnati
 Elizabeth Louise Beavers, Columbus
 Brian Lee Bertholomey, Columbus
 Richard Biederman, Brooklyn, N. Y.
 Arthur William Browning, Kingston,
 Tenn.
 Elizabeth Ann Brundage,
 West Caldwell, N. J.
 Daniel Carl Cappy, Canton
 Sandra Lee Chang, Hong Kong,
 B.F.A.
 Michael Eugene Corbin, Galion
 Barbara Bock Daft, Columbus
 Terry Edward Daniel, Zanesville
 B.A. (Muskingum College)
 Paul Edwin Daniels, Lakewood
 Michael Glenn Darr, Wadsworth
 Thomas Glenn Davenport,
 South Euclid
 Caroline Louise Detmer, Gambier
 Dennis James Doyle, Cleveland
 Jack Lynn Edgemon,
 Hartford City, Ind.
 Barbara Elaine Eley, Dover
 Louis Edward Emick, Jr.
 Upper Sandusky
 David Allen Fairchild, Columbus
 Bruce Eugene Fluck, Powell
 Thomas Sumio Fuchino,
 Honolulu, Hawaii
 Robert Michael Gabel, Columbus
 Russell Lee Garron, Shaker Heights
 Lawrence David Globe, Columbus
 Eduardo Gustavo Gomez, Applecreek
 Nancy Ellen Green, Cincinnati
 Michael Emil Greene, Cleveland
 James Joseph Greiner, Alliance
 John Christopher Hall, Columbus
 * Also Bachelor of Science in Education,
 College of Education

College of the Arts

Dean: Lee Rigsby

Kenneth Jon Hall, Columbus
Jennifer Ray Harris, Columbia, S. C.
John Paul Hawley, Jr., Bay Village
Katherine Ann Hess, Columbus
Katherine Hine, Columbus
Joseph Harrison Holtzinger,
Columbus
Kenneth Lloyd Humphrey, Cleveland
Marc Bentzel Hyser, Springfield
Stephen Mark Jacoby, Wooster
James Raymond Jerwers, Lima
Lynn Merlin Jones, Reynoldsburg
Maria Ann Jordan, Columbus
John Robert Karg, Nevada
Bonny Lea Kelley, Maple Heights
James Karl Kirklin,
Birmingham, Ala.
Robert Joseph Klinger, Worthington
John Michael Kobus, Parma
Gregory Peter Kormos, Kettering
Michael George Krueger, Toledo
Mark Alan Kuhlmann, Columbus
Lewis Asa Lapine, Cleveland
Ross Graven Leedy, Columbus
B.S. in Pharm.
(Ohio Northern University)
Allan Leo Lewicki, Parma
Paul Curtis Lortz, Lima
Roger Randall Maddocks, Cleveland
Jerrold Lee Maddox, Vincent
Larry James Mardis, West Chester
Harry Michael Marks, Cleveland
Laurel Susan Martin, Dover
Daniel Jean Martinelli,
New Philadelphia
Ronald Lee McCamey, Millbury
Sandra Jean Meetin, Geneva
Jane LaRue Miller, Columbus
Stephen Allen Miller, Dayton
John Durward Morgan, Marion
William Stanley Morton,
White Plains, N. Y.
Sue Ellen O'Connor, Columbus
John Michael Olle, Cleveland
Kenneth Lee Penix, Akron
Gerald Russell Petty, Cincinnati
James Robert Pritchard, Bay Village
George Allan Purdy, Jr., Columbus
David Allen Quinn, Columbus
Gary Lee Rapp, Columbus
Timothy Charles Rimmer, Mansfield
Shirley Ann Rohl, Mentor
David Michael Rose, Cleveland
Thomas Henry Rosen, Columbus
Philip Paul Rothermel, Columbus
Frederic Norman Rounds, Columbus
Michael David Salkovitch, Cleveland
Norman Steven Schlanger,
New York, N. Y.

Richard Paul Shanks, Dayton
Pamela Sheel, La Junta, Colo.
Robert Compton Sherwood, Columbus
Barry Jay Silver, Shaker Heights
Rick Stan Silver, Mentor
Thomas Wayne Simms, Cincinnati
Michael Lee Simons, Cincinnati
Thomas Mark Stasek, Parma Heights
Margaret Jadwiga Stasikowski,
Cleveland
Delbert E. Stauffer, Trotwood
Mark William Stock, Pataskala
Jean Shuffelton Sullivan, St. Marys
Sharon Ethel Talbot, Cleveland
Carolyn Harcourt Taylor, Maineville
Dale Edwin Thornton, Walbridge
Thomas Michael Tsakeris,
Middletown
Robert William Wehner, Cincinnati
Gary Lester Williams, Bay Village
Sharon Lynn Wilson, Fairborn

Bachelor of Fine Arts

Twenty-five candidates

Stephen Robert Adams, Columbus
Patti Ann Atkins, Toledo
Kittie Lee Brechbuhler, Canton
Susan Lee Brundige, Cincinnati
Susan Schultz Connor, Columbus
Jane Eleanora Guinther, Bucyrus
Terry Lynn Harms, Columbus
Iris Louise Harris, Cuyahoga Falls
Susan Hecox, Perrysburg
Robert Alan Hicks, Maitland, Fla.
Joanne Ilhardt, South Euclid
Martha Darst Kern, Rocky River
Donna Jean Lutz, Shelby
Kenneth Eugene Marshall, II,
Columbus
Jacquelyn Lucille Shaffer, Columbus
Maureen Elizabeth Shalf, Kettering
James Farris Sheban, Youngstown
Paul Henry Slimak, Bay Village
Benton Chatfield Smith, Salem
Sherry Marie Snyder, Ashland
Wayne Wallace Stephens, Cambridge
Judith Ann Stocco, Columbus
Wilbur Lewis Wadlington, Columbus
Robert Stanton Weiss, Columbus
Ina Lou Williams, Kettering

Bachelor of Music

Two candidates

Steven Lawrence Bryant, Findlay
Dana Hugh Sloan, Wilkesboro, N. C.

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

Eighteen candidates

Elizabeth Anne Clark, Port Clinton
Angela Marie D'Angelo,
Pawtucket, R. I.
Robert Francis Giomi,
Englewood, N. J.
Phyllis Ruth Goodman, Cleveland
David George Haglund,
Springfield, Mass.
Frederic Glenn Leeder, Columbus
Paula Sue Massenelli, Columbus
Sheila Jane McCarthy, Columbus
David Lawrence Milenthal, Columbus
Carol Anne Morton, Yonkers, N. Y.
Mary Beth Phillips, Westerville
Richard Cecil Pilsbury, Jr., Toledo
Mary Kathleen Redmond, Columbus
Susan Boughner Schmidt, Columbus
Samuel Stein, Worthington
David Earl Thompson, Columbus
William James Willis, Columbus
John Charles Zink, Lorain

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and twenty-six candidates

Raymond Aubrey Archer, III,
Cuyahoga Falls
Edward K. Ault, Ansonia
Charles Nichols Babb, Wilmington
Donald Charles Barcza, Cleveland
Steven Randall Beard, Springfield
Gary Neal Bender, Columbus
Jerry Lee Bernstein, Henderson, Ky.
William Karl Best, Jr., Mentor
Dennis Bruce Blanken, Cincinnati
Gary Eldon Bobo, New Carlisle
William B. Brokstein, Canton
Milton Wolford Brown, Cleveland
Robert Turner Brown, Maple Heights
Geoffrey Clyde Campbell,
Santa Clara, Calif.
Jan Schiff Chandler, Columbus
Joseph Paul Cieply, Cleveland
William Charles Clapsaddle,
Columbus
Marsha Reynolds Clark, Williamsport
Robert Bruce Clark, Hilliard
Roger Garland Cline, Columbus
James Mickey Collins, Greenville
Don Charles Conger, Peninsula
Michael Joe Cramer, Lima
William Gene Cronenwett, Galion
Ray Alvin Crook, Jr., Columbus
Daniel Allen Crooks, Columbus
Michael Joseph Crosswell, Columbus
William Eugene Crouse, Arcanum
Patricia Egan Dardinger, Columbus
John Patrick Downing, Columbus
Richard John Emerine, II, Mansfield
Brian Lee Evers, Warren
Peggy Jane Ewart, Columbus
Ray Erwin Fellows, Galena
Andrew John Ferencak,
McKeesport, Pa.
Isadore Fleischer, Columbus
Theodore Richard Fuller, Marengo
Nancy Sue George, Plain City
Deborah Davis Gessler
Silver Spring, Md.
Kenneth Walter Girves, Columbus
William George Glazer, Louisville
Diana Lee Goldsmith, Akron
Sandra Friel Good, Chillicothe
Ronald Glen Gratz, Lakeview
David Richard Griffith, Lorain
Max Vernon Hauger, Utica
George John Hoh, Middletown
Donald John Hood, Xenia
Marvin Sanford Jacobs, South Euclid
Garva Gene Jesano, Youngstown

Gary Allen Jones, Mansfield
Thomas Richard Jones, Lima
Pteris Jurjans, Eastlake
William Allen Kennard, Green Camp
Francis Leo Kolarik, Jr., Roslyn, Pa.
Jane Ellen Kroener, Franklin
Dan Elliot Kron, Chicago, Ill.
Kenneth Lashutka, Cleveland
Robert Paul Leach, North Canton
Larry Richard Leard, Warren
Lee Irwin Leavitt, Cleveland Heights
Kenneth Eugene Leffel, Wapakoneta
Kenneth Reuben Leuthold, Bucyrus
Glenn Davis Lillich, Massillon
James Kendall Madsen,
Cleveland Heights
Herbert Martin, Allegheny, Pa.
Norma Nance Martina, Columbus
John Joseph Mastrocingo,
Orange, Conn.
Lee Alan Matthews, Houston, Tex.
David Randall May, Marion
Stephen Shannon McCampbell,
Dayton
Craig Alan McIntyre,
New Orleans, La.
Edward Lee Meadows, Columbus
Russell Edward Merker, Wilmington
Gary Irwin Miller, Miami, Fla.
Patrick Mario Minnehan, Fairborn
Edward Alfred Mizanoski, Jr.,
Canton
Jackson Fitzgerald Moses, II,
Huntington, W. Va.
Edward James Moxley, Medina
Norman Ray Myers, Willshire
James Robin Nichols, Mansfield
Stephen Joseph Nolan, Columbus
Terry Douglas Nunn, Greeley, Colo.
Dennis Alan Obendorf, Uniontown
Peter Jay Oland, Hartsdale, N. Y.
Howard Lee Oligee, Milford
David Luther Overholt, Middle Point
Robert Anthony Paxton, Jr.,
Columbus
Lon Joe Pepple, Findlay
Lawrence Ira Pollock, Dayton
Gary Conrad Prasher, Akron
Joe Orville Richer, Wauseon
Ronald Carl Rickman, Columbus
Roger Edward Riviere, Columbus
Rosario Angelo Rizzo, Dunmore, Pa.
Danny Gene Rush, Richwood
William Harry Schmidt, Perrysburg
Gary Paul Schoenberger,
Upper Sandusky
William Earl Schultz, Brecksville
Bruce Ray Shaver, Chancellersville
Michael Allen Shope, Barberton

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Roger Ted Silverman, Brooklyn, N. Y.
Richard Charles Simon, Columbus
Stephen Theron Smith, Loudonville
Stephen Thomas Smith, Massillon
Larry Ross Snodgrass,
Salt Lake City, Utah
William James Starrett, Sidney
Meredith Blake Stone, Wellington
Laurence Dyer Story, Columbus
Mark Strom, Wantagh, N. Y.
Albert Superczynski, Jr. Columbus
John David Swinehart, Warren
Robert Allen Timmons, II, Columbus
Jay Dean Tucker, Mansfield
John Bruce Turner, Dayton
Philip Robert Uhlin, Poland
Richard E. Vallee, Findlay
Richard Miller Vetter, Columbus
Kenneth Richard Ward, South Euclid
James Lee Wauben, Lima
Michael Victor White, Lakewood
Jerry Lynn Winkhart, Navarre
William Hee Wong, New York, N. Y.
Carolyn Sue Wootton, Bylesville
Stanley John Zaucha, Jr., Warren
Gerald Thomas Zelenka, Cleveland

Sarah Kathryn Kirgis, Dayton
Gail Lauren Klausner, Akron
Paul James McDermott, Jr., Lima
Nancy Helene Miller,
Mayfield Heights
Sarah Jane Moore, Columbus
Janice Jean Pajakowski,
Pittsburgh, Pa.
Marilyn Doretha Pender, Canton
Barbara Butcher Reuwee,
South Solon
James David Rundle, Macedonia
George Michael Schreiber,
Elizabeth, N. J.
Ann Christine Singerman,
Parma Heights
Pamela Jane Smith,
Indianapolis, Ind.
John Randolph Spon, Jr.,
Steubenville
James Stahlheber, Mansfield
Susan Lou Stentz, Shelby
Dirk John Worden, Lorain
Mary Kathleen Zimmer, Adams Mills

Bachelor of Science in Agriculture

Forty-nine candidates

Jeffrey Theodore Alexander,
Wantagh, N. Y.
Robert Gary Allison, Columbus
Dennis Clifford Bahmer, Jr.,
Newcomerstown
Neil Ivan Beard, Thornville
Robert Frederick Blake, Cleveland
B.B.A. (Westminster College,
Pennsylvania)
David Leonard Burt, Lancaster
Thomas Daniel Driscoll, Dublin
Kim Donald Edwards, Mentor
David Lee Eppley, Roseville
John Edwin Everett, Sunbury
Eddie Walter Fair, West Salem
J. Fred Feldwisch, Carroll
Richard Banbury Ford, Brecksville
Wilbert Charles Geiss, Jr., Homerville
Peter Scott Gillies, Ann Arbor, Mich.
Alan Herman Goodman,
New York, N. Y.
Charles David Grant, Perrysville
*Harold Eugene Karcher, Richwood
Richard Ronald Kirchner, Findlay
Lawrence William Koch, Westlake
Keith Holaday Lacy, Lakewood
Bruce Joseph Lichtenberger,
Berkeley Heights, N. J.
John Thomas Lloyd, Piqua
David Richard McDaniel,
Mechanicstown
Sherman Rahe Mitchell, Rushsylvania
Richard Fredric Murphy, Cincinnati
Dennis Loren Nagel, Defiance
Gary John Nicholson,
Burlington, Ont., Canada
Christian Ebom Ofili,
Anieyime, Igbodo, Nigeria
Kelly Leroy Owens, Ashville
Gary Allen Rasor, Tipp City
Jackie Lee Richey, Sardina
Robert Anthony Rickett, Polk
William Samuel Ruggles, Wooster
Kenneth Clarence Ruprecht, Seville
Joe Richard Sargeant, Sidney
Marvin Dale Schott, Westerville
James Philip Searfoss, Worthington
William Earl Sexten, Groveport
James Keith Shirkey, Worthington
Harold Stewart Spiker, Norwich
Glen Edgar Stewart, Cambridge
Ralph Harold Stonerock, Bradford
Michael Chris Ullman, Amherst
George Emerson VanScoyoc, Deshler
James Warner Wahl, Georgetown

* Also Master of Science, Graduate School

School of Social Work

Bachelor of Science in Social Welfare

Thirty-five candidates

Constance Marie Adams, Lima
Barbara Ann Aker, Brookville
Laurel Anne Bartlett,
Cuyahoga Falls
Harvey Alan Baumool,
University Heights
Carolyn Buck Beeler,
Warrensville Heights
Ann Elizabeth Blackmore,
Worthington
Janice Diane Boone, Painesville
Kathleen Faith Bricker, Columbus
Cobina Kay Burrell, Jeromesville
Diane Elizabeth Collopy, Columbus
Linda Lou Eyerly, Columbus
Florence Rafter Gibson, Blacklick
Neila Berzon Goldstein, Canton
Joyce Estelle Hutchins, Columbus
Alan Paul Hutchison, Minerva
Marilyn Anne Jeffers, Fairborn
Sandra Rowland Johnston,
Reynoldsburg
Jane Louise Kern, Columbus

College of Dentistry

Dean: John R. Wilson

John Howard Wells, Coshocton
Kathy Jane Wise, Elyria
Bobai Don Yayock,
Kagoro-Kafanchan, Kagoro,
Nigera

Bachelor of Science in Dairy Technology

One candidate

Gary Alan Wyler, Ashland

Bachelor of Science in Food Technology

Two candidates

Emery Stephen Okos, Sylvania
Jatinder Pal Sabhlok,
Ludhiana, Punjab, India

Bachelor of Science in Nutrition

One candidate

Robert Gene Vanzant, Hillsboro

School of Home Economics

Bachelor of Science in Home Economics

Twenty-five candidates

Janice Miller Apple, Cleveland
Adrianna Mapes Aylard, Mansfield
Susan Ann Bell, Columbus
Jean Augenstein Busch, Ostrander
Linda Sue Parker Carpenter, Rutland
LeeAnne Eisenzimmer Caswell,
Cuyahoga Falls
Joyce Hemminger Core, Rushsylvania
Judy VanDemark Downey, Columbus
Carolyn Virginia Ebersole, Defiance
Vicki Smith Feldman, Columbus
Kathleen Elizabeth Foreman,
Oak Harbor
Melinda Simonds Grosshart,
Columbus
Carole Jean Kelley, Columbus
Jill Aileen Lawson, Rocky River
Nancy Harriet Ludwig, Cleveland
Karen Brosche Schulze,
Valley Stream, N. Y.

Jacqueline Nahodil Smith, Cleveland
Kathleen Marie Smith, Wakeman
Marilynne Ruth Snook, Mt. Perry
Joan Pruski Southworth, Columbus
Patricia Evelyn Tambling, Akron
Connie Salts Townsend, Hamden
Marigale Wonders, Dayton
Charlene Ann Wyandt, New Haven
Robertta Ann Zill, Bay Village

Bachelor of Science in Restaurant Management

Two candidates

Mary Ann Meyers, Mansfield
Kathleen Fanshaw Ylvisaker,
Gahanna

Doctor of Dental Surgery

Four candidates

John Paul Gilboy, Jr., Youngstown
B.S.
Douglas James McIntyre, Columbus
B.A. (Ohio Wesleyan University)
John Howard Murphy,
New Philadelphia
B.S. (Bowling Green State University)
Lawrence Gregory Schneider, Kenton
B.S.

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Two hundred and sixty-eight candidates

Janet Leslie Abend, Parma
Nelson Wendell Adderley,
Philadelphia, Pa.
Kathleen Alicia Addlesperger,
Lexington
Bode Akinwale Adeoye,
Okemessi, Nigeria
Roger Neasley Allen, Galion
Rodney Wilder Allwood, Lucasville
Dean Alan Appelman, Columbus
Sherri Ries Archer, Barberton
Robert Edgar Babione, Columbus
Kathryn Hook Bangart, Springfield
*Nancy Armeen Bartell,
Great Neck, N. Y.
June Shearer Bauer, Galion
Patricia Delaplane Beatty, Greenville
June Kear Bentley, Marion
David Joseph Benyi, Columbus
Glen Edward Bernhardt, Norwalk
Linda Higgins Berthold, Columbus
Janice Eve Biederman, Cleveland
Jeffrey Homer Bigam, Circleville
Nancy Deason Billman, Columbus
Michael Thomas Black, Wooster
Karon Jean Blanton, Columbus
Ellen Sandra Bock,
Plainview, N. Y.
William Edward Bokerman, Jr.,
Napoleon
Darlene Stiles Bontrager,
Wapakoneta
Margaret Ann Botchie, Columbus
Richard Norman Bratt, Wellsville
Barta Kay Brediger, Chardon
Lois Margaret Brigleb, Painesville
Michael Anthony Brun, Dayton
Charles Robert Burns, Jr., Columbus
Christine Haley Buvinger, Dayton
Diana Mead Carmichael, Columbus
Patricia Ann Carpenter,
Canal Winchester
Robert Jethro Carper, Ashley
Sandra Holben Castle, Dublin
Douglas McArthur Catron, Columbus
Karen Young Caw, Zanesville
Patricia Ann Charleck, Mansfield
Sanford Leslie Charyn,
Cleveland Heights
Sue Van Atta Chu, Oak Harbor
Susan Cecil Ciecone, Fremont
Marleen Sue Clayton, Croton
George Philip Clingerman, Columbus
Jennifer Junker Cockrum, Akron
Marsha Ann Collins, Columbus
Patricia Ann Conard, London

Roger Parron Conley,
Bradenton, Fla.
Donald Ross Cope, Leetonia
Mary Cathrine Copitka, Steubenville
Gilda Cowan, Brighton, Mass.
Colette Geffroy Cowen, Columbus
Charles Ray Cozad, Cedar Rapids, Ia.
Pamela Sue Cummings, Lima
Diana May Dall, Butler
Cheryl Lynn DeBolt, Marion
George Franklin DeHaas, Greenfield
Stephen Craig Dibert, Ohio City
Nancy Ann Dickson, Worthington
Mary Morehart Dietz, Mt. Sterling
Helen Ann DiPietro, Columbus
Victor Paul Doritan, Columbus
Jacqueline Ann Dorrell, Toledo
Donavin Dean Dunbar, Jr., Ada
Elizabeth Ann Rolfe Dwyer,
Columbus
Frieda Carlotta Elnor,
Shaker Heights
Judy Cobb Emerich, Oberlin
Carol Annette Evans, Steubenville
Mark Alan Ewing, Bellefontaine
Sue Ellen Fetterman, Pittsburgh, Pa.
Nan Elizabeth Fisher, Lima
Cynthia Anne Flacks, Dayton
Hazelanne Patricia Flowers,
Columbus
Scott Clinton Ford, Toronto
Mildred Clark Frasca, Galion
John Randolph Freeman, Lorain
Diana Kay French, Alvada
Victoria Montavon Frowine,
Portsmouth
Roslyn Fuerman, Dover
Constance Lynn Garfinkel,
Cheltenham, Pa.
Carol Wright Garrison, Columbus
John Joseph Gilkerson, Jr., Columbus
Linda Lee Gleckler, Lyons
Gerald Arthur Gochenour, Springfield
Suzanne Godsey, Dayton
Harold Fredrick Goff, Columbus
Norma Jean Gongwer, Mansfield
Beverly Suzanne Goodrich, Galena
Janet Elaine Grant, Kettering
Chris Alan Graves, Groveport
Cathy Lynn Gravitt, Cincinnati
Mary Ellen Gruber, Columbus
Karen Kay Guest, Perrysburg
Gilbert Scott Guiler,
Canal Winchester
Elliott Randolph Guttmann,
Columbus
Carolyn Cornelius Hainer,
Westerville
Sara Swern Hall, Cambridge

Harvey Bruce Handler, Columbus
James John Harbuck, Cleveland
Emerson Macaulay Harewood, Jr.,
Dayton
Terry Lee Hartley, Edison
Katheline Cecile Hartstein, Mansfield
Linda Little Harvey, Marysville
Mary Rohrkemper Hatcher, Columbus
Edith Ann Haycock,
Canal Winchester
Toni Jo Heimbuch, Canton
David Lee Henderson, Wapakoneta
Susan Kathryn Herald, Youngstown
Jeffrey Charles Herman, Columbus
Larry Randall Hicks, Lima
Ann Elizabeth Hilderman,
Rocky River
David John Hime, Sandusky
Thomas Conlon Hohman, Xenia
Mary Halsey Hosenfeld, Willoughby
Catherine Schager Howell, Cleveland
Myron John Hren, Parma
Cheryl Dunfee Hubay, Chagrin Falls
Rudolph Lanier Hubbard, Hubbard
John Kenneth Hughes, New Vienna
Mary Elizabeth Hughes, Shelby
Kay Austermler Hunter,
Green Springs
Linda Varley Hunter, Columbus
Starling Atwell Hutt, Columbus
Beverly Ann Jacobs, Cincinnati
*David Gerald Javitch,
Cleveland Heights
Brenda Mary Johnson, Circleville
Mary Susan Jones, Middletown
Mary Rita Junglas, Lima
Lynn Altman Kanner, Canton
Cheryl Holly Katzman, Cleveland
Jacqueline Hofmann Kellogg,
Bellefontaine
Kathleen Ann Kienle, Columbus
Debra Jones King, Gahanna
Thomas Clifford King,
Falls Church, Va.
Mark Harold Klein, Tucson, Ariz.
Nancy Ann Knapp, Columbus
Diane June Knoblauch, Elmore
Eileen Kohn, University Heights
Nicholas John Kozimor, Lakewood
Sally Jane Krauss, Columbus
Nancy Stahler Kray, Akron
Linda Coakley Krieger, Columbus
Glennis Elbert Lambert, Mansfield
Randall Carl Lathwell, Lorain
Jerry William Lawson, Lima
Sharon Starr Lemak, Brecksville
Barbara Elethea Locke,
Kingston, Jamaica

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

Kathlene Athene Loufakis, Warren
 Linna Piersol Lowry, Tiffin
 *Mary Carole Ward Macklin,
 Columbus
 Barbara Pankuch MacLaury,
 Cleveland
 Lilli Elizabeth Mann,
 Livingston, N. J.
 *Allen James Marabito, Cleveland
 Sharon Kay Marshall, Mansfield
 Sharon Nathanson Mart,
 Miami Beach, Fla.
 Pamela Martin Maxwell, Marion
 Robert Glenn McCally, Dayton
 Beverly Monroe McCray, Pataskala
 Celeste Alayne McMullen,
 Bellefontaine
 Nadyne Simpson Meldahl, Granville
 Sherry Tetelman Mendelsohn,
 Lyndhurst
 Dennis Irvin Mendelson, Columbus
 David Gilbert Meyer, Marysville
 Beverly Sue Miller, Elida
 Janice Ellen Miller, Kent
 Linda Halley Miller, Wilmington
 Patricia Jane Miller, Findlay
 Dwight Jackson Mitchell, Orrville
 Becky Hill Moser, Fairport Harbor
 Jean Ann Murphy, Columbus
 Patsy Ankerman Murray, St. Marys
 Katherine Donagh Nash, Vandalia
 Carl Leonhard Nesbitt, Vandalia
 Lee Newman Nesbitt,
 New Milford, N. J.
 Judith Kaye Novinc, Euclid
 Gwendolyn Mountney O'Dette,
 Columbus
 Linda Ann Ofrenzo, Columbus
 James Timothy Oliver, Urbana
 Vivian Rice Parker, Columbus
 Joseph Michael Pauff, Lima
 Pamela Elaine Perdue, Xenia
 Kendal Allen Petry, Richmond, Ind.
 Margaret Workman Pierce, Gahanna
 Madeline Grace Piper, Celina
 Sally Ellen Podolski, Columbus
 Ann Marguerite Poeppelman, Minster
 Sharon Nan Pogash,
 Maplewood, N. J.
 Jacqueline Goldberg Ponsky,
 Shaker Heights
 Susan Smart Porterfield, Worthington
 Frederic Andrew Portman, Columbus
 Edwin Lawrence Fry, Crestline
 Miriam Eileen Purcell, Cincinnati
 Stephen James Ramsey, Ashland
 Phyllis Walden Ransaw, Delaware
 Kanute Parker Rarey, Kenton
 Gary Wayne Rees, New Philadelphia
 Janis Brunk Reiff, Kettering
 Andrea Helene Rich, Brooklyn, N. Y.
 Lee Stanford Robb, Columbus
 Marilyn Jane Robinson, Dayton
 Sharon Kay Robinson, Springfield
 Elaine Estella Roll, Lima
 Harold Glenn Ross, Mansfield
 Joan Molitor Roth,
 Stone Mountain, Ga.
 Sherry Weintraub Rubins, Cleveland
 Robert Anthony Rudolph, Columbus
 Rex William Russell, Cincinnati
 Shirley Royer Rust, Columbus
 Carol Foeller Rutti, Columbus
 Annabeth Marie Saunders, Cleveland
 Patricia McDonald Saylor, Columbus
 Jean Carol Schmunk, Mansfield
 Frederick Philip Schnitzspahn,
 Columbus
 Steven Charles Schorger, Newark
 Ronald David Schott, Caldwell
 Claire Elizabeth Schubel, Sandusky
 Merrill Ferris Schulz, Columbus
 Leonard Eugene Schumann,
 Wapakoneta
 B.S. in Agr.
 Mollie Louise Scott, Newark
 Barbara Mansky Seewald,
 University Heights
 Thomas Louis Selby, Columbus
 James Donald Shaffstall, Bucyrus
 Ellen Dalrymple Shultz, Mt. Vernon
 Ruth Marie Shuy, Coshocton
 Linda Sue Simpson, Newark
 Davey Ann Singer, New York, N. Y.
 Patricia Ann Singer, Cleveland
 Carolyn Lucille Slane, Columbus
 Victoria Louise Smith, Muncie, Ind.
 Scott Allan Spears, Springfield
 Judith Lynn Steinmetz, Euclid
 David Lawrence Stewart, Columbus
 Mark Howard Stier, Louisville
 *Harlan William Stine,
 Walnut Creek, Calif.
 Cynthia Lee Streeter, McDonald
 Cheryl Ann Striker, Lorain
 John Lester Suttle, Long Bottom
 Sue Ellen Switzer, Forest
 Virginia Marsh Szabo, Columbus
 Mary Kay Tanner, Marion
 Linda Jean Tatman,
 Washington C. H.
 Jane Terjesen, Akron
 Linda Gulker Thompson, Lima
 Carol Joyce Tieber, Parma
 Diana Lynn Tippie, Lima
 Penny Louise Trethewey, Newark
 Audrey Cornwell Trotter, Columbus
 Ann Christine Voss, Bellefontaine
 Dennis Richard Walters, Worthington
 Ann Edison Walz, Fostoria
 George William Weimer, Loudonville
 Joan Zatman Weinberger,
 Pittsburgh, Pa.
 Marjorie Anne Weinstein,
 Birmingham, Ala.
 Cheryl Ann Welch, Cincinnati
 Kay Randis Westinghouse, Columbus
 Danise Marie White, Columbus
 Martha Dimick White, Granville
 *Mary Rita Whitehead, Columbus
 Margaret Lenore Williams,
 Presque Isle, Me.
 Janice Morse Wingham, Columbus
 Dolores Leis Winters, Marysville
 Susan Shepard Wircenski, Elyria
 Colene Sue Wiseley, Findlay
 Virginia Sindel Witte, Edgerton
 Susan Lynn Wotowski, Cleveland
 Jeffrey Steven Young, Pepper Pike
 Lee Anne Powers Young, Columbus
 Rosalyn Young, Cleveland

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

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Three candidates

Bruce Andrew Christian, Westerville
*Keith Eugene Crawford,
Canal Fulton
*Thomas Jeffrey McLaughlin,
Worthington

Bachelor of Ceramic Engineering

Five candidates

*Joseph Michael Eller, Newark
*Robert Walter Matz, Westerville
*Galen David Powers, Genoa
*James William Randall, Portsmouth
Timothy Arthur Sullivan, Columbus

Bachelor of Chemical Engineering

Nine candidates

Wayne Earnest Ballantyne, Columbus
John Henry Becher, Louisville, Ky.
James Francis Dietz, Botkins
Ronald James Emmert, Cincinnati
Smith Eugene Howland, Haverhill
Robert Dwayne Litt, Mt. Vernon
David Louis Mundhenk, Dayton
Geoffrey Allan Prentice, Windsor
Steven Edward Russell,
Newcomerstown

Bachelor of Civil Engineering

Two candidates

Daniel Arbie Hutchinson, Walbridge
*William Allan Watkins, Columbus

Bachelor of Electrical Engineering

Fourteen candidates

James Eugene Buehler, Columbus
Robert William King, Dayton
*James William Kirkpatrick, Jr.,
Columbus
James M. Lawson, Parma
Ladd Alfred Masek, Willoughby
*Thomas L. Niemeyer, Sidney

Dennis Hess Shreve, Woodsfield
Alvin Wayne Strong, Dayton
*Richard Marker Swanson, Columbus
Carl William Vernon, Columbus
Jeffrey Lynn Waltz, Bay Village
Terry Stuart Warner, Union
Carl Albert Yale, Jr., Lakeview
Mark Anthony Yungfleisch, Columbus

Bachelor of Industrial Engineering

Six candidates

William Eugene Black, Blanchester
*Donald Leon Byrkett, Kettering
Terry Odell Collier, Shaker Heights
R. Lawrence Koehl, Columbus
William Edwin Sattler, Columbus
Errol Howard Solomon,
Warrensville Heights

Bachelor of Science in Industrial Engineering

Three candidates

Thomas Clayton Belter, Columbus
Gary Dean Herrin, Bellbrook
John Winston Hussey, Cleveland

Bachelor of Mechanical Engineering

Three candidates

Reinhold Betsch, Columbus
Richard E. Wagner, Navarre
John Michael Watkins, Hilliard

Bachelor of Science in Mechanical Engineering

Two candidates

Richard John Kadunc, Euclid
Mark John Sever, Delphos

Bachelor of Metallurgical Engineering

One candidate

Jerry Dean Thomas, Sandusky

Bachelor of Science in Physics

Three candidates

Stephen Eugene Caldwell,
Libertyville, Ill.
Jay Glenn Horowitz, South Euclid
William Dennis Munk, Columbus

Bachelor of Science in Engineering Physics

One candidate

John Christopher Chapman, Erie, Pa.

Bachelor of Welding Engineering

One candidate

*Elliot Bennett Ross, Cleveland

School of Architecture

Bachelor of Architecture

One candidate

John Lowell Solether, Fostoria

Bachelor of Science in Architecture

Three candidates

Larry Wayne Alwood, Butler, Ind.
Richard Lee Hess, Euclid
William Dean Robson, East Liberty

* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

Six candidates

Edwin Gilbert Davy, Dayton
B.A. (Northwestern University)

Thomas Gharet Ebner, LaFayette
B.S.

James Philip Harnisch, Poland
B.S. (University of Notre Dame)

Walter Sidney Lenney, Oil City, Pa.
B.S.

Mark Michael Popil, Hudson
B.S. (Denison University)

David Ellis Radebaugh, Lima
B.S.

Bachelor of Science in Occupational Therapy

Ten candidates

Carole Ann Allshouse, Findlay
Bonnie Lynn Cook, Dayton
Linda Katherine Cryder, Kingston
Bettianne Greene, Cincinnati
Sharon Andrea Herzog,
Valley Stream, N. Y.

Judith Lynn Hinig, New Philadelphia
Helene Bendix Hirsch,
Shaker Heights

Judith Marie Snyder, Dayton
Judith Ann Speckman, Coshocton
Linda Louise Steiner, Piqua

School of Allied Medical Professions

Bachelor of Science in Medical Illustration

One candidate

Kathleen Lee Peate, Bay Village

Bachelor of Science in Physical Therapy

Five candidates

Carole Jean Copen, Geneva
Judith Ann Hostetler, Wooster
Catherine Josephine Luchini,
Beckley, W. Va.
William Murl Morris, Gahanna
Sandra Kay Shearer, Springfield

Bachelor of Science in Medical Technology

Thirteen candidates

Debra Lynn Cohen, Savannah, Ga.

Jean Roettig Kimpel, Cincinnati

Maxine Delores Knopp, Akron

Carol Ann Lewis, Mansfield

Susan Helen Moffitt, Westerville

Marilyn May Murphy,
Cuyahoga Falls

Inara Baiba Petritis, Defiance

Cynthia Ann Preebe, Cincinnati

Pamela Anne Robinson,
Flossmoor, Ill.

Danya Joyce Schiappa, Steubenville

Joyce Elizabeth Troxell, Worthington

Teresa Pfaff Tulumaris, Marietta

Karen Elaine Wagner,
Bryn Mawr, Pa.

Certificate of Graduate Physical Therapist

Three candidates

Beverly Ann Ewan, Parma

Dennis Wayne Meyer, Defiance

B.A. (Miami University)

Marcia Lynn Walker, Hudson

B.A. (Gettysburg College)

Certificate of Nurse Anesthetist

One candidate

Jane Helen Clark, Cuyahoga Falls

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

One candidate

Stanley Francis Pietrzak, Jr.,
Campbell, N. Y.

School of Nursing

Bachelor of Science in Nursing

Forty-eight candidates

Louise Ann Anderson, Toledo
Judith Elaine Auker, New Lexington
Lydia Bahnij, Cleveland
Sharon Matz Black, Wooster
Sue Horstman Butterfield, Scio
Mary Kay Carroll, Lakewood
Jane Beth Case, Kenton
Margaret Lynn Cline, Grove City
Barbara Jean Coleman, Dayton
Ellen Jane Conway, Cleveland
Linda Evans Crane, Elyria
Karol Marie Deutschlander,
Strongsville
Mary Egbert Dillard, Portsmouth
Darlene Sue Dilsaver, Galion
Mary Jo Caroline DiSabato,
Columbus
Judith Mae Fox, Shaker Heights
Pamela Rae Gambill, Newark
Frazene Rose Gladieux, Toledo
Lois Kemp Glanville, Valley City
Martha Ann Goodan, Dayton
Connie Mae Hahn, Hamler
Cynthia Diane Herriott, Crooksville
Karen Louise Holub, Brook Park
Janis Lynn Hutchison, Columbus
Martha Jean James, Marion
Sheila Ethelyn Kay, Cleveland
Anna Ruth Lemon, Wheelersburg
Drema Mae Lovely, Lucasville
Nancy Jo Magel, Springfield
Janis Grandy Martin,
Williamsville, N. Y.
Patricia Rotter Ogden, Dayton
Linda Jean Percy, Lima
Jean Elizabeth Robinson,
Cleveland Heights
Susan Scono Robinson, West Jefferson
Janice Wylie Roof, New Carlisle
Shirley Anne Rubino, Lisbon
Cinda Lee Starr, Fort Dodge, Ia.
Ellen Weiner Stern, Cleveland
Brenda Mae Stoller, Oakwood
Sharon Ruth Stout, Westerville
Joyce Gale Szekelyi, Seven Hills
Elizabeth Tripp Teague, Portsmouth
Dorothy Jean Tubbs, Lakewood
Cheryl Pearson VanDeusen,
Ashtabula
Linda Jennie Wallace, Canton
Glenda Susan Weintraub, Toledo
Elizabeth Wittman, Toledo
Judith Ann Zack, Richmond Heights

Graduates with Honors

Summa Cum Laude

June Shearer Bauer, Galion
John Henry Becher, Louisville, Ky.
Margaret Ann Botchie, Columbus
Dennis Neil Breiter, Yellow Springs
Donald Leon Byrckett, Kettering
Keith Eugene Crawford, Canal Fulton
Barbara Bock Daft, Columbus
Helen Ann DiPietro, Columbus
Frank Anthony Fratoe, Cleveland
Nancy Sue George, Plain City
Charlotte Ashley Herman, Ada, Okla.
Jacqueline Hofmann Kellogg,
 Bellefontaine
Thomas L. Niemeyer, Sidney
Patricia Rotter Ogden, Dayton
Jerome Anthony Robson, East Liberty
Joan Molitor Roth,
 Stone Mountain, Ga.
Karen Sue Schrock, Middletown
Dennis Hess Shreve, Woodfield
Sharon Ruth Stout, Westerville
Alvin Wayne Strong, Dayton
Richard Marker Swanson, Columbus
Audrey Cornwell Trotier, Columbus
Richard E. Wagner, Navarre

William Allan Watkins, Columbus
Michael Victor White, Lakewood
Gary Lester Williams, Bay Village

Cum Laude and with Distinction in Economics

Thomas John Kniesner,
 Garfield Heights

Cum Laude and with Distinction in English

Larry Philip Rima, Falls Church, Va.

Cum Laude and with Distinction in German

Leonard Elmore Newman, Columbus

Cum Laude and with Distinction in Theatre

Michael Oden Wynkoop, Norwalk

Cum Laude

Judith Elaine Auker, New Lexington
Samuel Mark Baker, Columbus
Mildred Clark Frasca, Galion
Florence Rafter Gibson, Blacklick
Harold Fredrick Goff, Columbus
Sharon Andrea Herzog,
 Valley Stream, N. Y.
Katherine Hine, Columbus
Karen Louise, Holub, Brook Park
Francis Leo Kolarik, Jr., Roslyn, Pa.
Larry Richard Leard, Warren
Lee Irwin Leavitt, Cleveland Heights
Robert Walter Matz, Westerville
Stephen Shannon McCampbell,
 Dayton
Thomas Jeffrey McLaughlin,
 Worthington
Sherry Tetelman Mendelsohn,
 Lyndhurst
Jean Ann Murphy, Columbus
Gwendolyn Mountney O'Dette,
 Columbus
Kenneth Lee Penix, Akron
Rosario Angelo Rizzo, Dunmore, Pa.
David Michael Rose, Cleveland
Elliot Bennett Ross, Cleveland
Judith Ann Speckman, Coshocton
Ira Bennett Sully, Reynoldsburg

With Distinction in Agricultural Education

Harold Eugene Karcher, Richwood

With Distinction in Animal Science

Richard Banbury Ford, Brecksville

With Distinction in Philosophy

James Michael Blue, Columbus

With Distinction in Psychology

Robert Andrew Parker, Columbus

Page 148 Blank

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, August 12, 1969

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, John G. Ketterer, in a special meeting on Tuesday, August 12, 1969.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and John W. Bricker.

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I. GENERAL RECOMMENDATION

A. Supplemental Action on the Budgets for the 1969-70 Fiscal Year

President Fawcett made the following statement and recommendation:

On July 31, 1969, this Board, based upon the best information that was available to it at that time, increased the student Instructional Fee by \$25 per quarter to a level of \$170, the General Fee by \$5 per quarter to \$30 and the Tuition Fee (out-of-state surcharge) by \$150 per quarter to a level of \$350, all effective with this coming Autumn Quarter. While at that time neither the appropriations bill nor the Civil Service pay raise bill had been enacted by the General Assembly, such action was essential so that the registration process could begin without delaying the starting date of Autumn Quarter, 1969. The establishment of this fee schedule was contingent upon final action by the General Assembly. This fee and tuition schedule was established to support the level of expenditure required by the minimal continuation budget authorized by the Board of Trustees at its June, 1969, meeting. This level of spending had been based on the following information:

1. On August 29, 1968, The Ohio State University submitted a detailed biennial budget to the Ohio Board of Regents requesting a level of subsidy support for 1969-70 in the amount of \$69,838,572 which was some \$20,000,000 less than the "asking budgets" of the individual units of the University.
2. On January 10, 1969, the Board of Regents recommended a subsidy for The Ohio State University in the amount of \$59,898,500. This amount required cutbacks in the University's proposed new and improved programs in the amount of approximately \$10,000,000.
3. On February 5, 1969, the Governor's recommendation as released by the Board of Regents called for a subsidy of \$58,050,250.

Had the subsidy as recommended by the Regents or by the Governor been provided, only minimal fee and tuition increases would have been necessary to provide the \$58,858,100 budget approved by the Trustees, plus the additional funds required to meet the Civil Service pay increase bill. Subsequent to the June Board meeting, it became apparent that there would be a substantial reduction in the anticipated subsidy provided by the General Assembly and that additional funds would be required to cover the cost of mandated pay increases for Civil Service employees. The fee and tuition increases acted upon at the July meeting by the Board of Trustees were based upon our best estimates of the situation at that time. Since this meeting,

August 12, 1969 special meeting, Board of Trustees

I. GENERAL RECOMMENDATION (continued)

A. Supplemental Budgets for the 1969-70 Fiscal year (continued)

the Educational Appropriations Act has been passed by the General Assembly providing a subsidy of \$55,046,550 which leaves this University with a total deficit from the minimal continuation budget plus the mandated Civil Service pay increases in the amount of \$4,711,550. At the same time the General Assembly established a limit on the Instructional Fee for undergraduates in the amount of \$160 per quarter.

To provide the funds necessary to support the difference between our minimum continuation budget needs and the subsidy provided by the State and at the same time to bring our Instructional Fee in line with the level established by the General Assembly, I am now requesting that the July action of the Board establishing fee and tuition levels for this coming academic year be amended as follows:

1. That the Instructional Fee be decreased by \$10 per quarter for the main campus.
2. That the General Fee be increased by \$10 per quarter for the main campus.
3. That the other fee actions be sustained as approved on July 31, 1969.

It should be noted that these amendments will not in any way alter the total charges to resident students previously authorized by the Board at the \$200 level per quarter. At the same time it should be noted that the General Fee will still be below the maximum level of \$50 suggested by the General Assembly.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendations were approved and the Instructional Fee increase of \$15 per quarter on the main campus and the increase of \$5 per quarter at the University branches and the Tuition (out-of-state surcharge) increase of \$150 per quarter be referred to the Ohio Board of Regents for ratification by unanimous roll call vote.

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Thereupon the Board adjourned.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Schedule of Student Fees, Effective Autumn Quarter, 1969

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$160	\$40	\$200	\$350	\$550
Agriculture and Home Economics	160	40	200	350	550
Arts and Sciences					
The Arts	160	40	200	350	550
Biological Sciences	160	40	200	350	550
Humanities	160	40	200	350	550
Mathematics and Physical Sciences	160	40	200	350	550
Social and Behavioral Sciences	160	40	200	350	550
Education	160	40	200	350	550
Engineering	160	40	200	350	550
Graduate School	160	40	200	350	550
Dentistry	280	40	320	350	670
Dental Hygiene and Dental Laboratory Technology	208	40	248	350	598
Law*	195	40	235	350	585
Medicine**	300	40	340	350	690
School of Allied Medical Professions	160	40	200	350	550
School of Nursing	160	40	200	350	550
Optometry	198	40	238	350	588
Pharmacy	166	40	206	350	556
Veterinary Medicine	200	40	240	350	590
University College	160	40	200	350	550
University Branches	150	25	175	350	525

*Includes an additional \$7.00 Law Library Fee.

**Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth-year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1969-70 academic year shall be \$1,020.00 for resident students and \$2,070.00 for non-resident students.

Part-time students (those enrolled for six or less credit hours or enrolled for one term of a Summer Quarter), 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.

All other fees previously approved by the Board of Trustees shall remain unchanged.

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 11, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, September 11, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, William C. Safford, John H. Dunlap and M. Merle Harrod.

* * *

Minutes of the last regular meeting (July 31, 1969) and the special meeting (August 12, 1969) were approved.

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Mr. Ketterer, Chairman, introduced the new member of the Board of Trustees, Mr. M. Merle Harrod, Wapakoneta, Ohio, who was appointed by Governor James A. Rhodes, to succeed Mr. John W. Bricker, for the term beginning September 2, 1969 and expiring May 13, 1978.

* * *

In response, Mr. Harrod expressed his pleasure at being appointed to the Board and stated that he was looking forward to his service as a Board member.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

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

President Fawcett presented on behalf of the Retirement and Insurance Committee a resolution amending the insurance program for faculty, staff and all regular employees insured under the John Hancock Mutual Life Insurance Company major medical contract, Policy Nos. 58175-GTC and 58175-GTC-100. The following resolution was recommended for adoption:

Be it resolved by the Board of Trustees of The Ohio State University, that the John Hancock Mutual Life Insurance Company major medical insurance program for faculty, staff and all regular employees be amended, effective for all purposes as of October 1, 1969, to include the following changes:

- (a) Maximum benefit under the major medical plan to be increased from \$15,000 to \$25,000 per person.
- (b) The deductible for insured persons with full Base Plan (Blue Cross-Blue Shield) coverage to be reduced from \$200 to \$100. The deductible for insured persons with partial or no coverage under the Base Plan will remain unchanged at \$500.
- (c) Extended Care Facilities coverage to be added to the major medical plan as follows:

Covered charges (to which the 80% coinsurance provision applies) shall include the reasonable and customary charges for services and supplies (as defined) of a "qualified" Extended Care Facility, provided that confinement in an Extended Care Facility resulted by means of direct transfer from a hospital in which the patient was confined for a minimum of three consecutive days, and further provided that such confinement is for continued care of the same condition or conditions which resulted in hospital confinement. The maximum

September 11, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Insurance Program for Faculty, Staff and All Regular Employees (continued)

coverage in an Extended Care Facility is up to 60 days per period of disability. The maximum covered expenses for daily room and board charges in the Extended Care Facility is 50% of the semi-private room charge of the hospital in which the prior confinement took place.

Other covered charges to be included under the Extended Care Facility coverage while room and board benefits are payable include: routine nursing care, physical, occupational or speech therapy, medical social services, biologicals, supplies and appliances, diagnostic and therapeutic services and ambulance services.

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

B. Change of Trustee, The Ohio Legal Center

In compliance with the Code of Corporate Regulations of The Ohio Legal Center, President Fawcett recommended that Professor Robert Nordstrom be reappointed a Trustee of the Legal Center, effective immediately. Professor Nordstrom will replace Professor Leo J. Raskind who served during the past academic year.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the July 31, 1969 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, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotions

Charles W. McLarnan from Professor in the Department of Mechanical Engineering to Executive Assistant to the Vice President for Academic Affairs and Provost, effective September 1, 1969, at a salary of \$20,076.00 per annum. Dr. McLarnan will continue to hold a Professorship in the Department of Mechanical Engineering at No Salary.

September 11, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Kenneth L. Bader from Associate Dean of Students to Dean of Students, effective October 1, 1969, at a salary of \$18,888.00 per annum. Dr. Bader will continue to hold a Professorship in the Department of Agronomy at No Salary.

Carroll A. Swanson from Professor, College of Biological Sciences - Organismic and Developmental Biology, to Associate Dean (part time - 50 percent) in the College of Biological Sciences, and Professor (part time - 50 percent) in the College of Biological Sciences - Organismic and Developmental Biology, effective August 1, 1969, at a combined salary of \$23,772.00 per annum.

William R. Wallace from Associate Professor in the College of Dentistry to Assistant Dean and Associate Professor in the College of Dentistry, effective October 1, 1969, at a salary of \$21,168.00 per annum.

Orlo L. Musgrave from Assistant Director and Professor in the Ohio Cooperative Extension Service to Acting Associate Director and Professor in the Ohio Cooperative Extension Service, effective September 1, 1969, at a salary of \$25,008.00 per annum. Dr. Musgrave will continue to hold a Professorship in the Department of Agronomy at No Salary.

B. Appointments

James D. Carroll, Professor, College of Administrative Science - Public Administration, effective October 1, 1969, at a salary of \$20,208.00 per annum.

Stanley J. Kahrl, Professor, Department of English - Center for Medieval and Renaissance Studies, effective October 1, 1969, at a salary of \$17,088.00 per annum.

Donald Reed Washington, Professor, Department of Civil Engineering, effective September 1, 1969, at a salary of \$22,488.00 per annum.

C. 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:

September 11, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leave of Absence With Salary (continued)

James C. Mabry, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Ram Prakesh Bambah, Professor, Department of Mathematics, effective October 1, 1969 through March 31, 1970, to do research and participate in the instructional program at Punjab University, Chandigarh, India.

Alexander M. Main, Professor, School of Music, effective October 1, 1969 through September 30, 1970, to do research and writing.

John W. Sharp, Professor, Department of Agricultural Economics and Rural Sociology and the Cooperative Extension Service, effective August 1, 1969 through November 30, 1969, to serve as a special consultant on a Vietnam Grain Storage and Handling Study for US/AID.

Thomas T. Stout, Professor, Department of Agricultural Economics and Rural Sociology, effective August 1, 1969 through June 30, 1970, to do research in livestock marketing, U. S. Department of Agriculture, Economic Research Division.

Eugene R. Capriotti, Associate Professor, Department of Astronomy, effective October 1, 1969 through September 30, 1970, for a year of study at the Steward Observatory, Tucson, Arizona.

Laura Hill Chapman, Associate Professor, College of The Arts - Division of Art Education, effective October 1, 1969 through September 30, 1970, to do research in the methods of teaching art in public school systems.

Bruce W. Marion, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 16, 1969 through June 30, 1970, for study and research at Harvard University.

September 11, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Louis W. Stern, Associate Professor, College of Administrative Science - Marketing, effective October 1, 1969 through September 30, 1970, to teach at the University of California at Berkeley.

Elmer L. Good, Assistant Professor, School of Social Work, effective October 1, 1969 through June 30, 1970, to pursue studies for his doctoral degree.

Jeanette Zupancic, Assistant Professor, School of Social Work, effective October 1, 1969 through September 30, 1970, for study in areas of special interest and to travel.

Mary R. Corcoran, Instructor (County Extension Agent, Home Economics) Greene County, Cooperative Extension Service, effective September 1, 1969 through April 30, 1970, to be an IFYE delegate to Ethiopia, Africa.

Katharine G. Hoch, Instructor, Department of English, effective January 1, 1970 through March 31, 1970, for travel.

E. Emeritus Title

Henry P. Worstell, Department of Surgery, with the title Instructor Emeritus, effective July 1, 1969.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Promotions, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the 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

S U M M A R Y

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	28	\$2,957,534.00
Industrial and Other Research	6	52,078.76
<u>Grants</u>		
Government Research - Federal	27	675,169.00
Government Research - State	1	54,000.00
Industrial and Other Research	5	60,617.00
Totals	67	\$3,799,398.76

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

1. Government Research Contracts - Federal

- a. Department of the Navy, Office of Naval Research, Washington, D. C., Nonsimilar Solution of Binary Boundary Layers (to be known as Office of Naval Research Project No. 2362 - Amend. AB - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$34,000.00.
- b. Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #8 - Engineering Experiment Station).
Gross Value - \$99,221.00.
- c. Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #9 - Engineering Experiment Station).
Gross Value - \$1,273.00.
- d. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (to be known as Aeronautical Systems Division Project No. 2382 - C. O. #5 - Department of Electrical Engineering).
Gross Value - \$30,970.00.

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)

- e. Air Force Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in Physical and Engineering Sciences (to be known as Air Force Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #10 - Research Foundation). Gross Value - \$787,000.00.
- f. Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio, AFIT Defense Weapon Systems Management Seminar (to be known as Air Force Institute of Technology Project No. 2659 - Mod. #4 - College of Administrative Science - Division of Continuing Education). Gross Value - \$30,000.00.
- g. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2726 - Mod. #1 - Department of Metallurgical Engineering). Gross Value - \$39,000.00.
- h. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2731 - Mod. #2 - Research Foundation). Gross Value - \$177,000.00.
- i. Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Rome Air Development Center Project No. 2738 - Mod. #1 - Department of Electrical Engineering). Gross Value - \$141,665.00.
- j. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Antennas With Solid State Circuitry (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2744 - Mod. #1 - Department of Electrical Engineering). Gross Value - \$85,000.00.

September 11, 1969 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

- k. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Propagation of Electromagnetic Waves Through Plasma (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2748 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$94,670.00.
- l. U. S. Atomic Energy Commission, Argonne, Illinois, Stress Corrosion Cracking of FE-cR-NI Alloys in Caustic Environments (to be known as U. S. Atomic Energy Commission Project No. 2765 - New - Department of Metallurgical Engineering).
Gross Value - \$118,000.00.
- m. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2819 - C. O. #2 - Department of Electrical Engineering).
Gross Value - \$24,000.00.
- n. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Sample (to be known as U. S. Department of Labor Project No. 2820 - Mod. #2 - Department of Economics).
Gross Value - \$6,357.00.
- o. U. S. Navy Purchasing Office, Los Angeles, California, Study of Structure Excited Antennas (to be known as U. S. Navy Purchasing Office Project No. 2833 - New - Department of Electrical Engineering).
Gross Value - \$15,000.00.
- p. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C., Analysis of Fatigue and Fracture of Bituminous Paving Mixtures (to be known as Federal Highway Administration Project No. 2845 - Mod. #1 - Engineering Experiment Station).
Gross Value - \$20,000.00.
- q. 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 (to be known as National Institutes of Health Project No. 2853 - New - Department of Veterinary Pathology).
Gross Value - \$100,300.00.

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, Use of Radioiodine-Labeled Antibody Techniques to Studies on Viral Induced Tumors (to be known as National Institutes of Health Project No. 2854 - New - Department of Veterinary Pathology).
Gross Value - \$49,000.00.
- s. Department of the 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 Air Force Institute of Technology Project No. 2855 - New - College of Administrative Science - Division of Continuing Education).
Gross Value - \$250,000.00.
- t. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule - AFIT - Civil Engineering School (to be known as Air Force Institute of Technology Project No. 2855-A - New - College of Administrative Science - Division of Continuing Education).
Gross Value - \$14,000.00.
- u. 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 U. S. Army Mobility Equipment Research and Development Center Project No. 2857 - New - Department of Electrical Engineering).
Gross Value - \$175,789.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, New Methods for Fertility (to be known as National Institutes of Health Project No. 2859 - New - Department of Obstetrics and Gynecology).
Gross Value - \$41,887.00.
- w. Federal Aviation Administration, Washington, D. C., To Determine the Operational Profile and Mission of Certified Instrument Rated Pilots (to be known as Federal Aviation Administration Project No. 2867 - New - Department of Aviation).
Gross Value - \$19,763.00.

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)

- x. Department of the Interior, U. S. Geological Survey, Washington, D. C., A Proposal for the Operational Gridding of Satellite Photographs (to be known as U. S. Geological Survey Project No. 2870 - New - Department of Geodetic Science).
Gross Value - \$14,848.00.
- y. Agency for International Development, Washington, D. C., An Analysis of Capital Formation in the Agricultural Sectors of the LDCs (to be known as Agency for International Development Project No. 2871 - New - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$227,158.00.
- z. Department of Transportation, Federal Highway Administration, Washington, D. C., Development of Testing Procedures and a Method to Predict Fatigue of Asphalt Concrete Pavement Systems (to be known as Department of Transportation, Federal Highway Administration Project No. 2873 - New - Engineering Experiment Station).
Gross Value - \$20,000.00.
- aa. Defense Supply Service - The Pentagon, Washington, D. C., Cytological Studies (to be known as Defense Supply Service - The Pentagon Project No. 2885 - New - Department of Pathology).
Gross Value - \$315,933.00.
- bb. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Experimental Study of Highly Cooled Boundary Layer Transition and Heat Transfer in Supersonic Flow (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2898 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$25,700.00.

TOTAL - Government Research Contracts - Federal \$2,957,534.00

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 Steel Founders' Society of America Project No. 350 - Amend. #21 - Department of Metallurgical Engineering).
Gross Value - \$28,000.00.

September 11, 1969 meeting, Board of Trustees

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

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

2. Industrial and Other Research Contracts (continued)

- b. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Cks. Nos. C635918, C642662, C642665, C642666 - Department of Surgery).
Gross Value - \$3,503.76.
- c. Health Research, Inc., Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc., Project No. 1569 - Cks. Nos. 035636, 035637, 043764, 044134, 050794, 057156, 058781 - Department of Surgery).
Gross Value - \$3,375.00.
- d. University of Kansas, Center for Research, Inc., Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas, Center for Research, Inc., Project No. 2552 - Mod. #4 - Department of Electrical Engineering).
Gross Value - \$7,000.00.
- e. Massachusetts Institute of Technology, Lexington, Massachusetts, Investigation of Modified Dipoles (to be known as Massachusetts Institute of Technology Project No. 2648 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$10,000.00.
- f. Raytheon Company, Missile Systems Division, Bedford, Massachusetts, Services Rendered to Raytheon Company (to be known as Raytheon Company Project No. 2692 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$200.00.

TOTAL - Industrial and Other Research Contracts \$52,078.76

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865-K - Ext. #11 - College of Pharmacy).
Gross Value - \$23,916.00.

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

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 4N77 Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393-B - Sup. #1 - Department of Chemistry).
Gross Value - \$2,367.00.
- c. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Magnetic Properties of the Solid Hydrogens (to be known as Air Force Office of Scientific Research Project No. 2398-A - Mod. #2 - Department of Physics).
Gross Value - \$62,617.00.
- d. Department of Health, Education and Welfare, Public Health Service, Environmental Control Administration, Bureau of Radiological Health, Bethesda, Maryland, Mercaptocyclopropylamines: Radiation-Protective Agents (to be known as Environmental Control Administration, Bureau of Radiological Health Project No. 2460-B - Sup. #1 - College of Pharmacy).
Gross Value - \$933.00.
- e. 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 National Institutes of Health Project No. 2507-A - Mod. #3 - Department of Medicine).
Gross Value - \$2,000.00.
- f. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Benefits to Risks Ratio in Drug Choice by Physicians (to be known as Social Security Administration Project No. 2672-A - Ext. #1 - College of Pharmacy).
Gross Value - \$15,051.00.
- g. National Science Foundation, Washington, D. C., Nuclear Physics Research With a 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2759 - Ext. #1 - Department of Physics).
Gross Value - \$164,500.00.
- h. National Science Foundation, Washington, D. C., Investigations on the Sherman Glacier, South Central Alaska (to be known as National Science Foundation Project No. 2869 - New - Institute of Polar Studies).
Gross Value - \$16,800.00.

September 11, 1969 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., Resonance Studies at Low and High Magnetic Fields (to be known as National Science Foundation Project No. 2872 - New - Department of Chemistry).
Gross Value - \$26,000.00.
- j. National Science Foundation, Washington, D. C., Spectro Photometry of Late Type Stars (to be known as National Science Foundation Project No. 2874 - New - Department of Astronomy).
Gross Value - \$24,800.00.
- k. National Science Foundation, Washington, D. C., Ice Surface Movements in Marie Byrd Land (to be known as National Science Foundation Project No. 2875 - New - Institute of Polar Studies).
Gross Value - \$3,100.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Mental Health, Chevy Chase, Maryland, Adaptability of an Infra-Human Population (to be known as National Institutes of Mental Health Project No. 2876 - New - Department of Anthropology).
Gross Value - \$6,021.00.
- m. Department of Health, Education and Welfare, Public Health Service, Environmental Control Administration, Bethesda, Maryland, Antimicrobial Properties of Bovine Milk Serum (to be known as Environmental Control Administration Project No. 2877 - New - Department of Dairy Technology).
Gross Value - \$17,924.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland, Psychological Aspects of Perennial Vasomotor Rhinitis (to be known as National Institutes of Mental Health Project No. 2878 - New - University Health Service).
Gross Value - \$6,014.00.
- o. National Science Foundation, Washington, D. C., Minimal Polynomial Sequences and the Polynomial Basis Problem (to be known as National Science Foundation Project No. 2879 - New - Department of Mathematics).
Gross Value - \$4,700.00.

September 11, 1969 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

- p. U. S. Department of Justice, Law Enforcement Assistance Administration, National Institute of Law Enforcement and Criminal Justice, Washington, D. C., A Statistical Analysis of Public Defenders Activities (to be known as National Institute of Law Enforcement and Criminal Justice Project No. 2881 - New - Department of Sociology).
Gross Value - \$6,257.00.
- q. National Science Foundation, Washington, D. C., Geology of the Central Transantarctic Mountains (to be known as National Science Foundation Project No. 2882 - New - Institute of Polar Studies).
Gross Value - \$99,400.00.
- r. National Science Foundation, Washington, D. C., Systematics and Phytogeography of Vascular Plants of the South Polar Regions (to be known as National Science Foundation Project No. 2883 - New - Institute of Polar Studies).
Gross Value - \$26,700.00.
- s. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, The Effects of Positively Reinforcing Brain Stimulation (to be known as National Institutes of Mental Health Project No. 2886 - New - Department of Psychology).
Gross Value - \$6,235.00.
- t. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Drug-Induced Distortion of Visual Space (to be known as National Institutes of Mental Health Project No. 2887 - New - Department of Psychiatry).
Gross Value - \$6,330.00.
- u. National Science Foundation, Washington, D. C., Physiological Studies of Antarctic Mosses (to be known as National Science Foundation Project No. 2888 - New - Institute of Polar Studies).
Gross Value - \$18,600.00.
- v. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as National Science Foundation Project No. 2889 - New - College of Biological Sciences - Biochemistry).
Gross Value - \$43,000.00.

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)

- w. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C. , Myocardial Dynamics of Shock Induced by Stress in Thyrotoxic Dogs (to be known as U. S. Army Medical Research and Development Command Project No. 2890 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$2,750.00.
- x. Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C. , State of Art of Dairy Plant Wastes and Water Treatment Systems (to be known as Federal Water Pollution Control Administration Project No. 2891 - New - Department of Dairy Technology).
Gross Value - \$12,954.00.
- y. National Science Foundation, Washington, D. C. , Mechanisms of Electronic Energy Transfer Between Molecules (to be known as National Science Foundation Project No. 2893 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,700.00.
- z. National Science Foundation, Washington, D. C. , Convergence Problems in Ergodic Theory and Probability Theory (to be known as National Science Foundation Project No. 2896 - New - Department of Mathematics).
Gross Value - \$14,600.00.
- aa. National Science Foundation, Washington, D. C. , Dynamic Stability of Freely Vibrating Thin-Walled Columns (to be known as National Science Foundation Project No. 2897 - New - Department of Engineering Mechanics).
Gross Value - \$30,900.00.

TOTAL - Government Research Grants - Federal \$675,169.00

4. Government Research Grants - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052-D - Ext. #4 - Department of Pediatrics).
Gross Value - \$54,000.00.

September 11, 1969 meeting, Board of Trustees

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

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

5. Industrial and Other Research Grants

- a. Central Midwestern Regional Educational Laboratory, Inc.,
St. Ann, Missouri, Aesthetic Education Project (to be known as
Central Midwestern Regional Educational Laboratory, Inc.,
Project No. 2420 - Amend. #6 - College of The Arts - Division
of Art).
Gross Value - \$4,517.00.
- b. National Endowment for the Humanities, Washington, D. C.,
The Corpus of the Miniatures in the Manuscripts of Justinian's
Civil Law (to be known as National Endowment for the Humanities
Project No. 2864 - New - College of The Arts - Division of Art).
Gross Value - \$10,000.00.
- c. American Heart Association, New York, New York, Studies of
Sickle Hemoglobin (to be known as American Heart Association
Project No. 2868 - New - Department of Medicine).
Gross Value - \$12,100.00.
- d. The Institute for Quantitative Research in Finance, Bowling Green
Station, New York, New York, Determinants of Security Price
Behavior (to be known as The Institute for Quantitative Research
in Finance Project No. 2892 - New - College of Administrative
Science - Division of Research).
Gross Value - \$9,000.00.
- e. American Society of Tool and Manufacturing Engineers, Dearborn,
Michigan, IACP Curriculum Materials Dissemination Education
(to be known as American Society of Tool and Manufacturing
Engineers Project No. 2894 - New - College of Education).
Gross Value - \$25,000.00.

TOTAL - Industrial and Other Research Grants \$60,617.00

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.

September 11, 1969 meeting, Board of Trustees

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

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

S U M M A R Y

	No. of Projects	Gross Value
Government Research Contracts	5	\$203,489.00
Industrial Research Contract	<u>2</u>	<u>21,560.00</u>
Totals	7	\$225,049.00

During the period from June 19, 1969 through August 20, 1969, 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 Development of Instrumentation to Measure Pavement
Ext. #14 Thickness, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$30,000.00.

EES 278X Investigation of Traffic Dynamics by Aerial Photogrammetry
Ext. #4 Techniques, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$61,992.00.

EES 292X Measurement of Mechanical Stresses Using Piezo Electric
Ext. #4 Crystals, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$8,197.00.

EES 328X Use of Driver Display and Control Aids to Stabilize and
Improve Traffic Flow, Ohio Department of Highways,
Columbus, Ohio.
Gross Value - \$76,000.00.

EES 337X Water Resources Center Director's Office Account,
U. S. Department of Interior, Washington, D. C.
Gross Value - \$27,300.00.

TOTAL - Government Research Contracts \$203,489.00

2. Industrial Research Contracts

EES 307X Experimental Determination of Combustibility, American
Ext. #2 Iron and Steel Institute, New York, New York.
Gross Value - \$13,560.00.

September 11, 1969 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 (continued)

EES 350X Development of Ceramic Prosthesis for Human Hips,
 Stryker Corporation, Kalamazoo, Michigan.
 Gross Value - \$8,000.00.

TOTAL - Industrial Research Contracts \$21,560.00

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 for the fiscal year 1969-70, 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.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 31, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

IV. GRANTS AND GIFTS (continued)

SUMMARY

Administered Through the Office of Business and Finance	\$1,581,906.00
Received Through The Ohio State University Development Fund	136,843.00

A. Administered Through the Office of Business and Finance

1. \$741,069.00 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 May 1, 1969 through June 30, 1970. (Grant No. 1 G03 RM 00022-01A1)
2. \$187,930.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, 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, 1969 through August 31, 1970. (VRA Grant No. 151-T-70)
3. \$123,054.00 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, 1969 through August 31, 1970. (Grant No. NT-29-C12, S-1)
4. \$100,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Project to Train Teachers in Adult Basic Education Curriculum Development," under the direction of the College of Education, for the period June 15, 1969 through August 31, 1969. (Grant No. OEG-0-9-451208-4561)
5. \$82,283.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "College Library Resources Program," under the direction of the University Libraries - Main Campus, for the period June 17, 1969 through June 30, 1970. (Grant No. OEG-0-9-450045-0430)
6. \$75,000.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, to the University for "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1969 through July 31, 1970. (SRS Grant No. RD-2292-G-70-C3)

IV. GRANTS AND GIFTS (continued)

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

7. \$58,017.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, 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, 1969 through August 31, 1970. (VRA Grant No. 222-T-70)
8. \$39,250.00 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, 1969 through June 30, 1970. (Grant No. OEC-0-9-000079-4103)
9. \$39,075.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Sociology," under the direction of the Department of Sociology, for the period September 1, 1969 through August 31, 1970. (VRA Grant No. 473-T-70)
10. \$26,450.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C. 20201, 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, 1969 through August 31, 1970. (RSA Grant No. 209-T-70)
11. \$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.
12. \$23,795.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, 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, 1969 through August 31, 1970. (VRA Grant No. 176-T-70)
13. \$18,524.00 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 - Training Grant," under the direction of the School of Nursing, for the period August 1, 1969 through July 31, 1970. (Grant No. 5-D10-NU 00319-02)

September 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$18,019.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neocortical and Subcortical Interactions," under the direction of the Department of Psychology, for the period September 1, 1969 through August 31, 1970. (Grant No. 5 K02 MH12747-03)
15. \$11,340.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Control Senior Clinical Traineeship," under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 57025-01-69)
16. \$8,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Control Senior Clinical Traineeship," under the direction of the Department of Pathology, for the period July 1, 1969 through June 30, 1970. (Grant No. 57024-01-69)
17. \$3,100.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a conference entitled, "International Astronomical Union Colloquium on Stellar Rotation," under the direction of the Department of Astronomy. This grant is effective July 15, 1969, for a period of approximately one year. (GP-13465)
18. \$1,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Research Fellowship Award," under the direction of the Department of Pharmacology, for the period June 18, 1969 through June 17, 1970. (Grant No. 5 F03 GM38967-02)
19. \$1,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Research Fellowship Award," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period June 4, 1969 through June 3, 1970. (Grant No. 1 F03 HE43086-01)

TOTAL - Administered Through the Office of Business and Finance -
\$1,581,906.00

B. Received Through The Ohio State University Development Fund

1. \$20,000.00 from Battelle Memorial Institute, Columbus, Ohio, for a room in the Center for Tomorrow.
2. \$19,405.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.

September 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$15,000.00 from National Fund for Medical Education, New York, New York, for the National Fund for Medical Education in the College of Medicine.
4. \$14,000.00 from The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for the PMA Foundation Fellowship Fund in the Department of Pharmacology.
5. \$11,300.00 from the Grange Mutual Casualty Company, Columbus, Ohio, and from friends of John Conrad Haaf for the establishment of the John Conrad Haaf Scholarship Fund.

John Conrad Haaf Scholarship Fund

The John Conrad Haaf Scholarship Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Grange Mutual Casualty Company, Columbus, Ohio, and from friends of John Conrad Haaf, Chairman of the Board Emeritus and one of the original sponsors of the Grange Mutual Casualty Company.

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 provide one or more annual awards to an undergraduate or a graduate student enrolled in the College of Administrative Science and majoring in some phase in the field of insurance, whose grades average 2.75 or better. Scholarship applicants are to be nominated by the Executive Committee of The Griffith Foundation, in consultation with the executive officers of the Grange Mutual Casualty Company.

6. \$8,000.00 from the Alpha Eta Association and members of the Alpha Eta Chapter of Kappa Phi Kappa, Columbus, Ohio, for the establishment of the Kappa Phi Kappa Fund.

Kappa Phi Kappa Fund

The Kappa Phi Kappa Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with a gift to the University through the Development Fund from the Alpha Eta Association, and members of the Alpha Eta Chapter of Kappa Phi Kappa.

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)

6. Kappa Phi Kappa Fund (continued)

The annual income is to be used to further the undergraduate program of teacher education of the University's College of Education. Should said undergraduate program cease to exist, then the income may be used in support of similar programs related to teacher education at the graduate level.

Recommendations for the expenditure of the annual income are to be made by a committee comprised of three representatives of the University, including the Dean of the College of Education, the University's faculty sponsor of the Alpha Eta Chapter, one other person selected by the Dean and three representatives of the Alpha Eta Association.

7. \$7,410.00 from Mead Johnson & Company, Evansville, Indiana, for Cardiovascular Research in the Department of Medicine.
8. \$6,562.00 from The John A. Hartford Foundation, Inc., New York, New York, for the Hartford Foundation in the College of Medicine.
9. \$6,000.00 from The John and Mary R. Markle Foundation, New York, New York, for the Markle Foundation Surgery Research Fund.
10. \$5,000.00 from Abba and Cecile Lichenstein and Family, Leonia, New Jersey, for the establishment of the Charles Lichenstein Memorial Award Fund.

Charles Lichenstein Memorial Award Fund

The Charles Lichenstein Memorial Award Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Abba and Cecile Lichenstein and Family, Leonia, New Jersey, in memory of their son, Charles G., to recognize excellence in engineering attainment of faculty and graduate students of The Ohio State University.

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 provide a Charles Lichenstein Meritorious Achievement Award to faculty members and/or graduate students in the College of Engineering. The recipients are to be selected by the Dean of the College of Engineering and/or his successors. Preference is to be given individuals associated with the Department of Civil Engineering.

IV. GRANTS AND GIFTS (continued)

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

10. Charles Lichenstein Memorial Award Fund (continued)

Should the need for this award cease to exist or so diminish as to provide unused income, or should the Department of Civil 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 engineering education.

11. \$5,000.00 from Warren-Teed Pharmaceuticals, Inc., Columbus, Ohio, for the Physiology of the Eye Fund in the College of Optometry.
12. \$4,100.00 from Eli Lilly and Company--\$2,100.00 for the Medical Microbiology Fund and \$2,000.00 for Medical Microbiology Research Fund.
13. \$4,040.00 from The Procter & Gamble Company for the Procter & Gamble Fellowship in Chemical Engineering.
14. \$3,500.00 from Campbell Soup Company for the Campbell Institute for Food Research Fellowship in Food Science.
15. \$2,181.00 from The Arthur Young Foundation for the Arthur Young Professorship of Accounting.
16. \$1,595.00 from the A. B. "Dolly" and Ralph Cohen Foundation, (In the name of Mrs. Abraham B. Cohen), for the purchase of an electronic organ for the Ohio Union.
17. \$1,000.00 from the American Institute of Real Estate Appraisers of the National Association of Real Estate Boards, Chicago, Illinois, for the American Institute of Real Estate Appraisers Scholarship Fund.
18. \$1,000.00 from Denman Rubber Manufacturing Company, (In the name of James H. Hoffman), for the University Relations Discretionary Fund.
19. \$1,000.00 from Melvin D. Ross--\$500.00 for the Melvin D. Ross Library Fund and \$500.00 for the Melvin D. Ross Student Loan Fund.
20. \$750.00 from The Ohio Bar Title Insurance Company and members of its Board for the establishment of the Aronhold C. Schapiro Memorial Fund.

Aronhold C. Schapiro Memorial Fund

The Aronhold C. Schapiro Memorial Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from The Ohio Bar Title Insurance Company and members of its Board.

IV. GRANTS AND GIFTS (continued)

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

20. Aronhold C. Schapiro Memorial Fund (continued)

The principal 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 is to be used for the benefit of The Ohio State University College of Law for any purpose at the discretion of the Dean of said College. The principal may be invaded as to part or all of it at any time, on the recommendation of the Dean of the College of Law or the administrative official of the University directly responsible for legal education.

In the event the College of Law as it now exists shall be altered in any reorganization of University colleges, schools and departments, 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.

TOTAL - Received Through The Ohio State University Development Fund - \$136,843.00

Upon motion of Mr. Harrod, seconded by Mr. Shocknessy, 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 July, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,382	\$ 43,969.94
Individuals other than alumni	138	6,658.50
Nonprofit organizations	67	52,170.11
Business concerns	33	112,217.30
	<u>3,620</u>	<u>\$215,015.85</u>

Of these gifts, 2,465 totaling \$23,440.14 were undesignated and 1,155 totaling \$191,575.71 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Chemistry Research Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,328,081.00	\$1,404,796.96	\$76,715.96

B. Parking Ramp - Ohio Union Site

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,232,193.00	\$1,228,549.50	(\$ 3,643.50)

C. Wiseman Hall Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,632,715.00	\$1,648,769.04	\$16,054.04

D. Research Space, East Side of Stadium, Phase IV

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 302,870.00	\$ 303,171.50	\$ 301.50

E. Horticulture and Forestry Building - Partial Remodeling

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 133,756.00	\$ 134,888.70	\$ 1,132.70

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

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VI. PLANS AND SPECIFICATIONS

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

A. Health Sciences Library

This project will provide traditional library functions plus contemporary innovations in library information technology and will house approximately 200, 000 volumes.

Funds for this project have been provided from H. B. 886, H. B. 828 and H. B. 531.

B. University Hospital - Improvements to Ventilation System of Sixth Floor and 8 East Nursing Stations

This project provides modernization of patient facilities and nursing station units.

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801213 (Hospital Ventilation - 6th Floor and 8 East Nursing Station).

Upon motion of Mr. Safford, 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 projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

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

A. Ohio Stadium Repairs - Revised

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 7-22-69) Mason and Isabel, Inc.		
Base bid	\$109,300.00	\$180,000.00
Alt. 1 University to furnish and deliver structural steel	- 3,000.00	- 3,500.00
Total Contract	<u>\$106,300.00</u>	<u>\$176,500.00</u>

Funds for this project have been provided from Budget Account 999000 (Athletic Revenue Fund).

September 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Newark Campus - Parking Lot Surfacing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 7-25-69)		
Gene Cox and Sons, Inc.	\$ 31,339.78	\$ 43,500.00

Funds for this project have been provided by a transfer from Budget Account 149994 (Branch Campuses Reserve) to Budget Account 801204 (Newark Parking Lot).

C. Mansfield Technical Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 8-14-69)		
Kokosing Construction Company, Inc. (Fredericktown, Ohio)		
Base bid	\$515,000.00	\$578,000.00
Alt. G-1 Substitute windows for HVAC-1	- 722.00	- 100.00
Alt. G-2 Rooftop screens	19,500.00	12,000.00
Alt. G-3 Faculty office partitions	6,100.00	4,590.00
Alt. G-5 Drainage - Phase II	700.00	350.00
Total Contract	<u>\$540,578.00</u>	<u>\$594,840.00</u>

Plumbing Contract

(10 bids received 8-14-69)

R. G. Beer Corporation (Mansfield)

Base bid	<u>\$ 54,700.00</u>	<u>\$ 79,000.00</u>
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Heating, Ventilating and Air

Conditioning Contract

(10 bids received 8-14-69)

The Kuempel Company (Columbus)

Base bid	\$109,700.00	\$140,000.00
Alt. HVAC-1 Refrigeration add-on package	14,300.00	22,000.00
Total Contract	<u>\$124,000.00</u>	<u>\$162,000.00</u>

Electrical Contract

(5 bids received 8-14-69)

Swede's Electric (Mansfield)

Base bid	<u>\$151,957.00</u>	<u>\$118,000.00</u>
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Total Contracts

<u>\$871,235.00</u>	<u>\$953,840.00</u>
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September 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Mansfield Technical Building (continued)

The State Controlling Board at its meeting on August 29, 1969, approved the award of the Electrical Contract to the low bidder without further competitive bidding.

Funds for this project have been provided from H. B. 886, H. B. 828, H. B. 531 and the Board of Regents - Federal Recoveries.

D. College of Medicine, Expanded Computer Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 8-21-69)		
Holzapfel Construction Co.		
(Gahanna, Ohio)		
Base bid	\$ 69,208.00	\$100,000.00
Alt. G-1 Drywall and furring on existing walls in Computer Room A-196	<u>362.00</u>	<u>2,000.00</u>
Total Contract	<u>\$ 69,570.00</u>	<u>\$102,000.00</u>
<u>Plumbing Contract</u>		
(3 bids received 8-21-69)		
Longo Plumbing Company (Columbus)		
Base bid	6,497.00	10,000.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 8-21-69)		
Limbach Company (Columbus)		
Base bid	50,375.00	80,000.00
<u>Electric Contract</u>		
(5 bids received 8-21-69)		
Reco Electric, Inc. (Columbus)		
Base bid	<u>39,405.00</u>	<u>60,000.00</u>
<u>Total Contracts</u>	<u>\$165,847.00</u>	<u>\$252,000.00</u>

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801196 (Expanded Computer Facilities for the College of Medicine).

September 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Lima Technical Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 8-21-69)		
Peterson Construction Company (Wapakoneta, Ohio)		
Base bid	\$466,000.00	\$518,620.00
Alt. G-3 Carpeting	5,800.00	5,900.00
Alt. G-4 Elevated floor system	6,000.00	7,800.00
Alt. G-6 Machines Laboratory 129	600.00	1,300.00
Alt. G-7 Asphaltic concrete surface in lieu of tar and chip	650.00	1,650.00
Total Contract	<u>\$479,050.00</u>	<u>\$535,270.00</u>
<u>Plumbing Contract</u>		
(7 bids received 8-21-69)		
Boughan Bros., Inc. (Lima, Ohio)		
Base bid	\$ 37,847.00	\$ 80,320.00
Alt. P-1 Machines Laboratory 129	253.00	560.00
Total Contract	<u>\$ 38,100.00</u>	<u>\$ 80,880.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(6 bids received 8-21-69)		
Lake Contracting Co. (Celina, Ohio)		
Base bid	\$145,992.00	\$126,900.00
Alt. H-1 Two boilers in lieu of one	6,685.00	4,300.00
Alt. H-2 Fully air conditioned building	13,171.00	7,500.00
Alt. H-3 Machines Laboratory 129	2,872.00	1,300.00
Total Contract	<u>\$168,720.00</u>	<u>\$140,000.00</u>
<u>Electrical Contract</u>		
(4 bids received 8-21-69)		
Suburban Electric Co. (Lafayette, Ohio)		
Base bid	\$129,000.00	\$120,160.00
Alt. E-1 Machines Laboratory 129	6,115.00	9,140.00
Alt. E-1 Modification of panel "AC"	1,680.00	1,100.00
Total Contract	<u>\$136,795.00</u>	<u>\$130,400.00</u>
<u>Total Contracts</u>	<u>\$822,665.00</u>	<u>\$886,550.00</u>

The awards of the Heating, Ventilating and Air Conditioning Contract and the Electrical Contract are subject to the approval of the State Controlling Board to issue contracts to the low bidders without further competitive bidding.

September 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Lima Technical Building (continued)

Funds for this project have been provided from H. B. 886, H. B. 828, H. B. 531, Board of Regents - Federal Recoveries and a Federal Grant on Phase I.

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

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Electric Line Easement - Columbus and Southern Ohio Electric Company

WHEREAS, the relocation of Kinnear Road at North Star Road requires the relocation of the existing overhead power line; and

WHEREAS, the easement will provide a new right-of-way commencing at North Star Road continuing along the south right-of-way of Kinnear Road, and will connect to the existing pole line on Kinnear Road; and

WHEREAS, this new right-of-way will permit the Columbus and Southern Ohio Electric Company to remove the present pole line, and thus will permit the University to utilize the lands resulting from the vacated easement;

IT WAS RECOMMENDED, that the power line easement be granted to the Columbus and Southern Ohio Electric Company, and

IT WAS RECOMMENDED FURTHER, 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 this electrical service.

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

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Walter N. Brown, Professor in the Department of Horticulture; Everett L. Dakan, Professor Emeritus in the Department of Poultry Science; and R. Bruce Tom, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology. 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.

IX. RESOLUTIONS IN MEMORIAM

A. Walter N. Brown

The Board of Trustees expresses its sorrow at the death on July 24, 1969, of Walter N. Brown, Professor in the Department of Horticulture and Forestry.

Professor Brown was born in Christian County near Taylorville, Illinois, July 2, 1913. In 1933 he received the County Agricultural Scholarship tuition award to the University of Illinois for four years. He received his Bachelor of Science degree in Floriculture in June 1937 and was appointed first Assistant in Horticulture at the University of Illinois assigned to the Cook County Experiment Station, Des Plaines, Illinois, with duties in vegetable crop research and extension. In September of 1937 he was appointed Associate in Horticulture and Superintendent of the Cook County Experiment Station. In September of 1938 he entered the University of Illinois Graduate School on a part-time basis.

In June 1941 he received a leave of absence for active duty as a Lieutenant in the U. S. Army. He served in the Southwest Pacific Area and received the Bronze Star for meritorious service. In 1945 he was honorably discharged with the rank of Major.

Professor Brown returned to the staff of the University of Illinois on January 1, 1946, as a Research Associate in Horticulture and reentered the graduate school. He received his M. Sc. degree in June 1948 with his thesis entitled, "Germination of Sweet Corn and Relation to the Amount of Seed Injury Sustained During Harvesting and Processing." His doctorate degree was taken at the University of Illinois in the field of plant breeding with a minor in plant physiology. The Ph. D. degree was awarded in 1952 with his dissertation entitled, "Developmental Morphology of Pericarp Blistering in Sweet Corn." From June 1950 to June 1952 he was an Assistant Professor with responsibility in teaching and research.

On June 1, 1952, he was appointed Professor and Head of the Vegetable Crops Division, Department of Horticulture, The Ohio State University and the Ohio Agricultural Experiment Station. He has been responsible for teaching three courses in the Department concerned with general plant breeding, commercial vegetable crop production and advanced plant breeding. He has served as project leader for eight research projects and a co-leader or member of four other projects at the Ohio Agricultural Research and Development Center. He has served as adviser to several graduate students, a counselor to many undergraduate students, chairman of several department committees and an active member of different College and Center committees.

One of his major responsibilities has been in the area of vegetable crop breeding, particularly tomato breeding. He has developed several new lines presently in use by the vegetable industry. He recently developed two important tomato cultivars for widespread use by the greenhouse industry. As a result of his extensive variety trials at the OARDC Branch at Willard, growers in that area credit much of their success to his introduction of various vegetable cultivars there.

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Walter N. Brown (continued)

Dr. Brown was author or co-author of over 120 publications in the area of vegetable crop production, breeding, quality evaluation and new varieties of vegetables and potatoes.

Dr. Brown was a member of the American Society for Horticultural Science, American Institute of Biological Science, Sigma Xi, Gamma Sigma Delta, Pi Alpha Xi and the Tomato Breeders Cooperative.

Professor Brown was held in high esteem by his fellow faculty members, undergraduate and graduate students, professional vegetable growers in Ohio and horticultural leaders in the United States. His contributions to the Ohio Tomato Greenhouse Industry, to the Ohio Vegetable and Potato Industry, to the Ohio Canning Industry and to the tomato growers for processing will long be remembered. These contributions are greatly appreciated and will be of lasting value.

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.

B. Everett L. Dakan

The Board of Trustees expresses its sorrow at the death on August 10, 1969, of Everett L. Dakan, Professor Emeritus in the College of Agriculture and Home Economics, Department of Poultry Science.

Professor Dakan was born on a farm in Andrew County, Missouri, on June 29, 1889, and received the Bachelor of Science degree from the University of Missouri in 1918. His additional education included graduate work in biological science at The Ohio State University (1929-30), in endocrinology at the University of Wisconsin in 1931 and in ornithology at the University of Michigan in 1932.

During his last year at the University of Missouri he was an Instructor in poultry husbandry. After his graduation, he held a teaching position at South Dakota State College for a year prior to his Ohio State appointment in 1919. He served until 1923 as Poultry Extension Specialist at Ohio State, then was appointed Chairman of the newly organized Poultry Department. Professor Dakan held the Department Chairmanship until his resignation in 1955 to devote full time to teaching. He was made a Professor Emeritus upon his retirement in 1957.

From 1947-55, he was Chairman in charge of research at the Poultry Science Department of the Ohio Agricultural Experiment Station.

From 1955-57, he was a member of a team from Ohio State which helped develop a land-grant-type agriculture college and experiment station in the State of Punjab, India.

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Everett L. Dakan (continued)

Professor Dakan was a leader in the movement to bring the World's Poultry Congress to the United States and Ohio in 1939. He led the movement which resulted in the establishment of the U. S. Department of Agriculture, Regional Poultry Disease Laboratory, at East Lansing, Michigan, and in the establishment of the cooperative egg marketing systems in Ohio. He also led in the establishment of the Ohio Poultry Improvement Association.

Professor Dakan has been a member of the Poultry Science Association, the American Association of University Professors, the Columbus Audubon Society, the Wheaton Club, the National Association for the Advancement of Colored People, the American Civil Liberties Union and Gamma Sigma Delta, national agriculture honorary.

Professor Dakan was the author of "Ohio and the Poultry Industry." He also wrote extension poultry publications and poultry articles for the press. He served as Poultry Editor of The Ohio Farmer for many years until he went to India.

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.

C. R. Bruce Tom

The Board of Trustees expresses its sorrow at the death on August 4, 1969, of R. Bruce Tom, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology in the College of Agriculture and Home Economics.

Professor Tom was born in New Concord, Ohio, on December 28, 1890. He was graduated from Rich Hill Township High School in Muskingum County in 1909. His college education was received at Muskingum College, Ohio University, The Ohio State University and Cornell University.

Mr. Tom began his career as a country school teacher in Muskingum County, Ohio. In that county he also served as deputy master of the Muskingum County Granges and for a two-year period was president of the Muskingum County Farm Bureau. In 1920, he was appointed 4-H Club Leader in Summit County, Ohio, and in 1924, he became an Assistant Ohio State 4-H Club Leader. In 1925, he was appointed Extension Specialist in Rural Sociology, a position he held at the University until his retirement in 1952. During the course of his career at Ohio State, he taught short courses at a number of universities including Cornell, Purdue and Michigan State.

Professor Tom was a specialist in the areas of community organizations and recreation. He was associated closely with the Farmers' Institute Program in Ohio for many years and worked closely with rural church and other community organizations. He organized and conducted the first county-wide 4-H camp in Ohio in 1920. He also planned and conducted the first annual grange

September 11, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. R. Bruce Tom (continued)

Lecturers short course on The Ohio State University campus in 1928. Throughout his career, he worked closely with the Town-Country Committee of the Ohio Council of Churches.

Mr. Tom was the author of many articles and bulletins concerned with 4-H Club activities, rural church programs, programs for older rural youth and juvenile grange programs.

Mr. Tom was a member of Gamma Sigma Delta, Ohio State Grange and National Grange. He was also a member of the Senior Fellowship Club and the First Congregational United Church of Christ in Sandusky, Ohio.

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

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X. REPORTS

A. Report on Actions Taken by the Ohio Board of Regents at Its Meeting Held August 15, 1969

President Fawcett reported for information and the record that the Ohio Board of Regents took the following actions which pertain to The Ohio State University at the meeting on August 15, 1969:

1. In accordance with the provisions of H. B. 531 of the 108th General Assembly approved the following fee schedule for The Ohio State University, effective with the Autumn Quarter, 1969:

Instructional Fee	\$160
General Fee	40
Tuition Surcharge	350

2. Released \$50,000 to The Ohio State University for teacher institutes for inner-city schools for 1969.

B. Proclamation Honoring John W. Bricker - Trustee Emeritus of The Ohio State University

President Fawcett said

Official notice is hereby taken of the Governor's proclamation honoring The Honorable John W. Bricker by his appointment as Trustee Emeritus of The Ohio State University. We welcome Mr. Bricker in this new role and are pleased that his wise counsel and guidance will still be available to this Board and the University. The proclamation reads:

EXECUTIVE DEPARTMENT
Office of the Governor
Columbus

PROCLAMATION HONORING

JOHN W. BRICKER

TRUSTEE EMERITUS - THE OHIO STATE UNIVERSITY

August 15, 1969

The Honorable John W. Bricker has rendered distinguished public service to the State of Ohio and to the United States in offices ranging from the local level to the highest office in the gift of the people of Ohio.

A native of Madison County, he attended the county schools, Mt. Sterling High School and was graduated from The Ohio State University in 1916 and from its law department in 1920.

During World War I he served as a 1st Lieutenant; solicitor for Grandview Heights, Ohio, 1920-1928; Assistant Attorney General of Ohio, 1923-1927; a member of the Public Utilities Commission of Ohio, 1929, by appointment of Governor Myers Y. Cooper.

Then followed a brilliant public career that reads like a chapter from Horatio Alger's classics of the last quarter of the 19th century.

Elected Attorney General of Ohio 1932 and reelected in 1934; elected Governor of Ohio 1938 and reelected in 1940 and 1942; Republican candidate for Vice President in 1944; first appointment as Trustee of The Ohio State University by Governor Thomas J. Herbert in 1948; elected to the United States Senate in 1946 and reelected in 1952 - for a total tenure of twelve years - January 3, 1947-January 3, 1959.

John Bricker graced all these offices - from the least to the highest - with a penetrating mind and an unswerving faith in representative government under a written constitution.

His imposing presence, his profound knowledge of law and government and his gift as one of the ablest orators of the Nation placed him in the front rank of his contemporaries.

Now, therefore, I, James A. Rhodes, Governor of the State of Ohio, deem it a well-deserved recognition of John Bricker's distinguished achievements to proclaim him a

TRUSTEE EMERITUS OF THE OHIO STATE UNIVERSITY

and I invite the citizens of Ohio to join me in the hope that the University, the State and the Nation may long continue to have the benefits of his experience, his judgment and the inspiration of his leadership.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused the Great Seal of the State of Ohio to be affixed at Columbus, this 15th day of August, in the year of Our Lord, One Thousand Nine Hundred and Sixty-Nine.

[S E A L]

(Signed) James A. Rhodes

GOVERNOR

X. REPORTS (continued)

C. Reports from the Finance and Investment Committee

1. Appropriations for University Administrative Officials

Mr. Jones 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 1969-70 be on the same basis as the appropriations for 1968-69: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Vice President for Academic Affairs and Provost; Vice President for Administrative Operations and Secretary of the Board of Trustees; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Research; Executive Dean for Student Statistical Services; (3) an additional amount of \$1,000.00 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. Dunlap and approved by unanimous roll call vote.

2. Termination of Wright State Campus - Transfer of Property to Wright State University

Mr. Frederick E. Jones, Chairman of the Finance and Investment Committee, presented the following resolution and report:

The Ohio State University is in receipt of the following resolution (69-28) of the Board of Trustees of Wright State University:

RESOLUTION 69-28

WHEREAS Section 3352.14 of the Ohio Revised Code is written as follows:

The Wright State Campus shall cease to exist when the Board of Trustees of Wright State University commences the exercise of its powers. Thereupon, the control of all lands, buildings, property, and equipment of the institution held by the Board of Trustees of Miami University and The Ohio State University for the institution or in trust for the institution, whether for the general or special use of the institution or for some purpose otherwise directed by the terms of a donation or bequest, shall be transferred to the Board of Trustees of the Wright State University. and

September 11, 1969 meeting, Board of Trustees

X. REPORTS (continued)

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

2. Termination of Wright State Campus - Transfer of Property to Wright State University (continued)

WHEREAS pursuant to the provisions of Senate Bill No. 210 of the 106th General Assembly, as amended by Senate Bill No. 212 of the 107th General Assembly, the Board of Trustees of Wright State University commenced the exercise of its powers on October 1, 1967, by authority of Resolution 1968-3 of the Ohio Board of Regents; therefore be it

RESOLVED that the Board of Trustees of Wright State University respectfully requests the Board of Trustees of The Ohio State University to execute the prepared deed clarifying title to lands occupied by Wright State University; and be it further

RESOLVED that the Secretary of the Board of Trustees shall transmit a copy of this Resolution to the Board of Trustees of The Ohio State University.

As adopted June 3, 1969

/s/ Charles W. Ingler
Charles W. Ingler, Secretary

Pursuant to the provisions of Section 3352.14 of the Revised Code of the State of Ohio and in accordance with the opinion of the Special Counsel for the Attorney General of the State of Ohio, it was recommended that the following Deed be duly executed in accordance with the normal procedures and practices of the University and be transmitted to the Board of Trustees of the Wright State University.

DEED

KNOW ALL MEN BY THESE PRESENTS

THAT, WHEREAS, the President and Board of Trustees of The Ohio State University is the joint owner, together with the President and the Board of Trustees of Miami University, of the use, for the purposes of higher education, of the real estate hereinafter described, the title to which is held by the State of Ohio, and

WHEREAS, the use of said real estate was devoted to the Wright State Campus of The Ohio State University and Miami University, and

WHEREAS, Section 3352.14 of the Ohio Revised Code provides as follows:

September 11, 1969 meeting, Board of Trustees

X. REPORTS (continued)

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

2. Termination of Wright State Campus - Transfer of Property to Wright State University (continued)

§ 3352. 14 Termination of Campus; Transfer of Property.

The Wright State Campus shall cease to exist when the Board of Trustees of Wright State University commences the exercise of its powers. Thereupon, the control of all lands, buildings, property, and equipment of the institution held by the Board of Trustees of Miami University and The Ohio State University for the institution or in trust for the institution, whether for the general or special use of the institution or for some purpose otherwise directed by the terms of a donation or bequest, shall be transferred to the Board of Trustees of the Wright State University. and

WHEREAS, pursuant to the provisions of Senate Bill No. 210 of the 106th General Assembly, as amended by Senate Bill No. 212 of the 107th General Assembly, the Board of Trustees of Wright State University commenced the exercise of its powers on October 1, 1967, by authority of Resolution 1968-3 of the Ohio Board of Regents; said resolution, together with the Board of Regents' Certification to the Honorable James A. Rhodes, Governor, State of Ohio, dated September 15, 1967, having been filed with said James A. Rhodes and said James A. Rhodes having filed said Certification, together with said resolution, with the Office of Secretary of State, State of Ohio, on September 22, 1967;

NOW, THEREFORE, the President and the Board of Trustees of The Ohio State University hereby grant, convey, transfer, release, and assign to the Board of Trustees of Wright State University, Colonel Glenn Highway, Dayton, Ohio 45431, their successors and assigns, all of the right, title, and interest in and to the use, for the purposes of higher education, held by the President and Board of Trustees of The Ohio State University, of the following described real estate, to wit:

Situate in the County of Greene, State of Ohio, and being all of the real estate described in full in the four Deeds from The Winters National Bank and Trust Company of Dayton, Ohio, as Trustee, which are recorded in Volume 348, Page 202, and in Volume 354, Page 109, and in Volume 354, Page 112, and in Volume 359, Page 72, of the Deed Records of Greene County, Ohio, which deeds are hereby incorporated herein by reference as fully as if rewritten herein.

Prior Deed References: Volume 348, Page 202; Volume 354, Page 109, Volume 354, Page 112, Volume 359, Page 72 of the Deed Records of Greene County, Ohio.

September 11, 1969 meeting, Board of Trustees

X. REPORTS (continued)

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

2. Termination of Wright State Campus - Transfer of Property to Wright State University (continued)

TO HAVE AND TO HOLD said USE for the purposes of higher education forever.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the President and the Secretary of the Board of Trustees were authorized by unanimous vote to execute the proper instrument to accomplish the aforesaid purposes.

D. Highlights of University Activities

President Fawcett reported to the Board on some of the significant 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. The Center for Vocational and Technical Education dedicated its new enlarged facilities at the corner of Kenny and Kinnear Roads in ceremonies on September 4, 1969. This national center is an independent unit on the Ohio State campus dedicated to research, development, state leadership training and dissemination of information in vocational and technical education.
2. The Ohio State University Development Fund set a new, all-time high for the first half of 1969. Gifts to the University for the first six months of the year were a record 49 percent ahead of the comparable period for 1968. The total amount in dollars contributed in the first half of 1969 was \$2,184,100, an increase of \$719,405 over the first half of 1968.
3. Some 60 astronomers are at Ohio State this week for the first international colloquium on stellar rotation--a topic of growing scientific interest in recent years.
4. Seventy-eight business executives are attending the 15th annual Executive Development Program presently being held on the campus. The intensive program of study and discussion is sponsored by the College of Administrative Science in cooperation with the Ohio Manufacturers' Association.
5. A unique program leading to a master's degree in hospital administration will enroll its first students this fall with the assistance of the W. K. Kellogg Foundation of Battle Creek, Michigan. The Kellogg Foundation has provided a three-year grant totaling \$121,650 to support graduate faculty involved in developing curriculum in the area of health care financing and health economics.

September 11, 1969 meeting, Board of Trustees

X. REPORTS (continued)

D. Highlights of University Activities (continued)

6. The Ford Foundation has approved a \$38, 500 planning grant to Ohio State for the College of Education to develop a program for preparing educational leaders for urban neighborhoods.

E. Report on the University's Investment Portfolio

The report dated September 10, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Wednesday, October 8, 1969, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

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

Wooster, Ohio, October 8, 1969

The Board of Trustees met at its regular monthly meeting on Wednesday, October 8, 1969, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, John H. Dunlap and Jack G. Gibbs.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 11, 1969 meeting of the Board as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Changes in Administrative Responsibilities, Promotions, Appointments, Leaves of Absence With Salary and Leave of Absence Without Salary:

A. Changes in Administrative Responsibilities

Lloyd R. Evans from Associate Dean and Secretary (part time - 50 percent) in the College of Medicine, and Professor (part time - 50 percent) in the Department of Medicine, to Vice Provost for Curricula in the Office of Academic Affairs, effective October 15, 1969, at a salary of \$32,928.00 per annum. Dr. Evans will continue to hold a Professorship in the Department of Medicine and the School of Allied Medical Professions at No Salary.

Lewis A. Hess from Professor in the School of Physical Education to Professor in and Director of the School of Physical Education, effective October 1, 1969, at a salary of \$25,212.00 per annum.

B. Promotions

Chalmer G. Hixson from Professor in the School of Physical Education to Professor in and Chairman of the Division of Men's Physical Education, effective October 1, 1969, at a salary of \$17,208.00 per annum.

Arnold M. Weissler from Professor in the Department of Medicine to fill the Gustav Hirsch Professorship in the Department of Medicine, effective October 1, 1969, at a salary of \$25,308.00 per annum.

C. Appointments

Henry R. Angelino, Professor, Department of Psychology, effective October 1, 1969, at a salary of \$16,008.00 per annum.

George J. Banwart, Professor, College of Biological Sciences - Microbial and Cellular Biology, effective October 1, 1969, at a salary of \$20,208.00 per annum.

Adam D. Bourgeois, Professor, College of Education, effective October 1, 1969, at a salary of \$22,968.00 per annum.

Edmund D. Lowney, Professor, Department of Medicine, effective July 1, 1969, at a salary of \$25,128.00 per annum.

October 8, 1969 meeting, Board of Trustees

I. PERSONNEL CHANGES (continued)

C. Appointments (continued)

Ann Molleson, Professor in the School of Allied Medical Professions and Director of the Division of Medical Dietetics, effective October 1, 1969, at a salary of \$16,008.00 per annum.

Lyle D. Schmidt, Professor, Department of Psychology, effective October 1, 1969, at a salary of \$18,048.00 per annum.

Turner Alfrey, Jr., Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective October 1, 1969 through December 31, 1969, at a salary of \$8,331.00 for the period.

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:

Kenneth E. Ackerman, Instructor (County Extension Agent, Agriculture) Athens County, Cooperative Extension Service, effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at Ohio University.

Robert D. Fleming, Instructor (County Extension Agent, Agriculture) Champaign County, Cooperative Extension Service, effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at The Ohio State University.

Margaret E. Griffiths, Instructor (County Extension Agent, Home Economics) Meigs County, Cooperative Extension Service, effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at The Ohio State University.

E. Leave of Absence Without Salary

Rachel B. Earp, Assistant Professor, School of Allied Medical Professions, effective October 1, 1969 through June 30, 1970, for personal reasons.

Upon motion of Mr. Jones, seconded by Mr. Dunlap, the Changes in Administrative Responsibilities, Promotions, Appointments, Leaves of Absence With Salary, Leave of Absence Without Salary and the 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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II. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
August 21 - September 24, 1969

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 317,169.00
Industrial and Other Research	13	217,725.00
<u>Grants</u>		
Government Research - Federal	25	706,252.00
Industrial and Other Research	<u>16</u>	<u>124,497.00</u>
Totals	64	\$1,365,643.00

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

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Research Contracts Branch, OAS, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as National Institutes of Health Project No. 2484 - Mod. #3 - Department of Surgery).
Gross Value - \$7,431.00.
- b. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (U) (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2584 - C. O. #2 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- c. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Communication Analysis Support (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2734 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$48,768.00.
- d. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Parametric Devices (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2757 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$90,000.00.

October 8, 1969 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

- e. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Histological Research on the Inner Ear (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2763 - Amend. #1 - Department of Otolaryngology).
Gross Value - \$9,190.00.
- f. Department of Transportation, Federal Highway Administration, Washington, D. C., Development of Testing Procedures and a Method to Predict Fatigue of Asphalt Concrete Pavement Systems (to be known as Federal Highway Administration Project No. 2873 - C. O. #1 - Engineering Experiment Station).
Gross Value - \$30,000.00.
- g. Department of Transportation, Federal Highway Administration, Washington, D. C., Development of Testing Procedures and a Method to Predict Fatigue of Asphalt Concrete Pavement Systems (to be known as Federal Highway Administration Project No. 2873 - Mod. #1 - Engineering Experiment Station).
Gross Value - \$18,780.00.
- h. Rome Air Development Center, Griffiss Air Force Base, New York, New York, Investigation of 10.6 Micron Propagation Phenomena (U) (to be known as Rome Air Development Center Project No. 2880 - New - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- i. Department of the Air Force, Headquarters Electronics Systems Division (AFSC), Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Partially Polarized Radio Waves from the Sun and Discrete Radio Sources (to be known as Headquarters Electronics Systems Division (AFSC) Project No. 2915 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- j. Department of the Army, Aberdeen Proving Ground Army Research Development Center, Aberdeen Proving Ground, Maryland, Analysis of Laser Beam Records for Pointing Errors (to be known as Aberdeen Proving Ground Army Research Development Center Project No. 2921 - New - Department of Electrical Engineering).
Gross Value - \$8,000.00.

TOTAL - Government Research Contracts - Federal \$317,169.00

October 8, 1969 meeting, Board of Trustees

II. 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. Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Ext. #12 - Institute for Research in Vision).
Gross Value - \$7,747.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #12 - College of Biological Sciences - Biophysics).
Gross Value - \$20,000.00.
- c. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885-A - Ext. #2 - Institute for Research in Vision).
Gross Value - \$12,240.00.
- d. A. H. Robins Company, Inc., Research Laboratories, Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Company, Inc., Project No. 2327 - Ext. #3 - College of Pharmacy).
Gross Value - \$9,794.00.
- e. Massachusetts Institute of Technology, Lexington, Massachusetts, Scattering by Thin Wires (to be known as Massachusetts Institute of Technology Project No. 2409 - Amend. #4 - Department of Electrical Engineering).
Gross Value - \$6,000.00.
- f. Illuminating Engineering Research Institute, New York, New York, Relation of Pupil Constriction to Discomfort Glare (to be known as Illuminating Engineering Research Institute Project No. 2532 - Ext. #2 - College of Optometry).
Gross Value - \$14,300.00.
- g. University of Kansas, Center for Research, Inc., Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas, Center for Research, Inc., Project No. 2552 - Mod. #4 - Department of Electrical Engineering).
Gross Value - \$12,500.00.

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

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

2. Industrial and Other Research Contracts (continued)

- h. Saginaw Board of Education, Saginaw, Michigan, The Ohio State University - City of Saginaw School District Evaluation Program (to be known as Saginaw Board of Education Project No. 2710 - Ext. #1 - College of Education).
Gross Value - \$65,090.00.
- i. Battelle Memorial Institute, Columbus, Ohio, Limnology of Amchitka Island, Alaska (to be known as Battelle Memorial Institute Project No. 2895 - New - Institute of Polar Studies).
Gross Value - \$15,761.00.
- j. School District of Pittsburgh, Pittsburgh, Pennsylvania, Demonstration Program - School District of Pittsburgh (to be known as School District of Pittsburgh Project No. 2900 - New - College of Education).
Gross Value - \$2,170.00.
- k. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Uranium and Refractory Materials for Nuclear Manufacturing Fundamental Study of Spiking in Partial Penetration Electron Beam Welding (to be known as Union Carbide Corporation Project No. 2918 - New - Department of Welding Engineering).
Gross Value - \$39,742.00.
- l. Hoffman-LaRoche, Inc., Research Division, Nutley, New Jersey, Antibacterial Activity of Rofenaid in Turkeys (to be known as Hoffman-LaRoche, Inc., Project No. 2925 - New - Department of Poultry Science).
Gross Value - \$3,960.00.
- m. The School District of Pontiac, Michigan, East Pontiac, Michigan, IACP Demonstration Program With the Pontiac, Michigan, Public School System (to be known as The School District of Pontiac, Michigan, Project No. 2926 - New - College of Education).
Gross Value - \$8,421.00.

TOTAL - Industrial and Other Research Contracts \$217,725.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Phytochemistry of Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497-F - Ext. #6 - College of Pharmacy).
Gross Value - \$22,449.00.

October 8, 1969 meeting, Board of Trustees

II. 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 Cancer Institute, Bethesda, Maryland, Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806-F - Ext. #6 - Department of Surgery).
Gross Value - \$16,288.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881-E - Ext. #5 - College of Optometry).
Gross Value - \$10,022.00.
- 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 National Institutes of Health Project No. 1882-E - Ext. #5 - Department of Psychiatry).
Gross Value - \$12,455.00.
- 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 National Institutes of Health Project No. 2078-D - Ext. #4 - Department of Chemistry).
Gross Value - \$30,107.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-D - Ext. #4 - Department of Pharmacology).
Gross Value - \$18,173.00.
- g. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Concentration of Chemicals by Flocc Forming Organisms (to be known as Federal Water Pollution Control Administration Project No. 2088-D - Ext. #4 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$33,282.00.

October 8, 1969 meeting, Board of Trustees

II. 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 Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$38,664.00.
- 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 National Institutes of Health Project No. 2297 - Ext. #3 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2301 - Ext. #3 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- k. National Science Foundation, Washington, D. C., Monographic Study of the Gyponinae of the World (to be known as National Science Foundation Project No. 2334 - Ext. #2 - College of Biological Sciences - Entomology).
Gross Value - \$6,200.00.
- l. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Office of Education Project No. 2361 - Mod. #5 - College of Education).
Gross Value - \$250,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516-B - Ext. #2 - Department of Chemistry).
Gross Value - \$9,902.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Institutes of Health Project No. 2518-B - Ext. #2 - Department of Physiology).
Gross Value - \$9,397.00.

October 8, 1969 meeting, Board of Trustees

II. 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. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-B - Ext. #2 - College of Pharmacy).
Gross Value - \$5,649.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525-B - Ext. #2 - Department of Pathology).
Gross Value - \$47,511.00.
- q. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Benefits-to-Risks Ratio in Drug Choice by Physicians (to be known as Social Security Administration Project No. 2672-A - Sup. #1 - College of Pharmacy).
Gross Value - \$556.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunologic Studies on Yaba Tumor Box Virus (to be known as National Institutes of Health Project No. 2899 - New - Department of Veterinary Pathology).
Gross Value - \$39,589.00.
- s. 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 National Institutes of Health Project No. 2901 - New - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- t. National Aeronautics and Space Administration, Electronics Research Center, Cambridge, Massachusetts, A Study of High Performance Antenna Systems for Space Communication (to be known as National Aeronautics and Space Administration Project No. 2902 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- u. National Science Foundation, Washington, D. C., Spectral Analysis of Settlement Patterns (to be known as National Science Foundation Project No. 2916 - New - Department of Geography).
Gross Value - \$37,300.00.

October 8, 1969 meeting, Board of Trustees

II. 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. National Science Foundation, Washington, D. C. , Extra Adrenal Production of Adrenocortical Hormones in the Opossum (to be known as National Science Foundation Project No. 2919 - New - Department of Physiology).
Gross Value - \$30,000.00.
- w. Department of Health, Education and Welfare, U. S. Office of Education, Region V, Chicago, Illinois, A Study of the Development of Skill of Effective Questioning by Prospective Secondary School Science Teachers (to be known as U. S. Office of Education Project No. 2920 - New - College of Education).
Gross Value - \$9,803.00.
- x. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunological Unresponsiveness to Contact Sensitizers (to be known as National Institutes of Health Project No. 2922 - New - Department of Medicine).
Gross Value - \$25,005.00.
- y. National Science Foundation, Washington, D. C. , Asymmetric Mixed Boundary Value Problems in Thermoelasticity (to be known as National Science Foundation Project No. 2924 - New - Department of Engineering Mechanics).
Gross Value - \$30,900.00.

TOTAL - Government Research Grants - Federal \$706,252.00

4. Industrial and Other Research Grants

- a. The National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as The National Foundation - March of Dimes Project No. 2054-4 - Ext. #4 - Department of Pediatrics).
Gross Value - \$32,084.00.
- b. The National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as The National Foundation - March of Dimes Project No. 2054-4-A - Ext. #4 - Department of Pediatrics).
Gross Value - \$1,485.00.
- c. Central Ohio Heart Association, Inc. , Columbus, Ohio 43215, Platelets, Thrombosis and Bleeding (to be known as Central Ohio Heart Association, Inc. , Project No. 2903 - New - Department of Medicine).
Gross Value - \$7,350.00.

October 8, 1969 meeting, Board of Trustees

II. 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)

- d. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Uptake of Dihydroquinidine by Cardiac Tissue (to be known as Central Ohio Heart Association, Inc., Project No. 2904 - New - Department of Pharmacology).
Gross Value - \$7,222.00.
- e. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Intestinal Absorption of Digitalis Glycosides (to be known as Central Ohio Heart Association, Inc., Project No. 2905 - New - Department of Medicine).
Gross Value - \$6,755.00.
- f. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Genesis and Significance of High-Frequency Components of the Electrocardiogram (to be known as Central Ohio Heart Association, Inc., Project No. 2906 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$4,450.00.
- g. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, The Biochemical Mechanisms Involved in the Initiation of Cardiac Hypertrophy (to be known as Central Ohio Heart Association, Inc., Project No. 2907 - New - Department of Medicine).
Gross Value - \$7,500.00.
- h. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Significance of Atrial Gallop in Coronary Artery Diseases (to be known as Central Ohio Heart Association, Inc., Project No. 2908 - New - Department of Medicine).
Gross Value - \$7,500.00.
- i. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Cardiac Glycoside Studies in Isolated Hearts (to be known as Central Ohio Heart Association, Inc., Project No. 2909 - New - Department of Pharmacology).
Gross Value - \$7,447.00.
- j. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Hemolysis Related to Hemodialysis - Possible Role of Copper (to be known as Central Ohio Heart Association, Inc., Project No. 2910 - New - Department of Medicine).
Gross Value - \$7,350.00.
- k. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, An Integrated Study of Coronary System in Intact Dogs (to be known as Central Ohio Heart Association, Inc., Project No. 2911 - New - Department of Physiology).
Gross Value - \$4,473.00.

October 8, 1969 meeting, Board of Trustees

II. 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)

- l. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Electrocardiographic Method for Detecting Cardiac Enlargement (to be known as Central Ohio Heart Association, Inc., Project No. 2912 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$4,828.00.
- m. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, A Critical Evaluation of Pharmacologic Beta Blockade in Angina Pectoris (to be known as Central Ohio Heart Association, Inc., Project No. 2913 - New - Department of Medicine).
Gross Value - \$7,500.00.
- n. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Mechanism of Salt Retention in Edematous States (to be known as Central Ohio Heart Association, Inc., Project No. 2914 - New - Department of Medicine).
Gross Value - \$6,720.00.
- o. Central Ohio Heart Association, Inc., Columbus, Ohio 43215, Effect of Anoxia-Ischemia on Brain Lysosomal Enzymes (to be known as Central Ohio Heart Association, Inc., Project No. 2917 - New - Department of Medicine).
Gross Value - \$7,451.00.
- p. American Cancer Society, Ohio Division, Inc., Columbus, Ohio, Hoploid Cell Structure: A Potential Source for Development of Carcinogenic Compound Free Tobacco Varieties (to be known as American Cancer Society, Ohio Division, Inc., Project No. 2923 - New - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$4,382.00.

TOTAL - Industrial and Other Research Grants \$124,497.00

Upon motion of Mr. Hilliker, 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.

October 8, 1969 meeting, Board of Trustees

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

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

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$32,640.00
Industrial Research Contracts	<u>2</u>	<u>27,549.00</u>
Totals	3	\$60,189.00

During the period from August 21, 1969 through September 25, 1969, 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 290 Long Term Deformation of Clay, Ohio Department of
Ext. #5 Highways, Columbus, Ohio.
Gross Value - \$32,640.00.

2. Industrial Research Contracts

EES 351X Mathematical Model of Working Tool Excited by
 Ultrasonic Transducer, Black and Decker Manufacturing
 Company, Towson, Maryland.
Gross Value - \$10,000.00.

EES 352X The Study of the Influences of Kiln Atmospheres on the
 Sintering of Portland Cement Clinker, Columbia Gas
 System Service Corporation, Columbus, Ohio.
Gross Value - \$17,549.00.

TOTAL - Industrial Research Contracts \$27,549.00

C. Agreement Between The Ohio State University and the Council
on Public Higher Education, Commonwealth of Kentucky

President Fawcett recommended that an Agreement between The Ohio State University and the Council on Public Higher Education, Commonwealth of Kentucky, pertaining to the admission of a limited number of students to the College of Veterinary Medicine be approved. This Agreement is similar to the Agreement that exists between The Ohio State University and the State of West Virginia, whereby a limited number of students are admitted each year to the College of Veterinary Medicine.

October 8, 1969 meeting, Board of Trustees

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

C. Agreement Between The Ohio State University and the Council on Public Higher Education, Commonwealth of Kentucky (continued)

The Memorandum of Agreement provides for the following:

1. The Ohio State University agrees to enroll in its College of Veterinary Medicine up to six new Kentucky students entering the program each year. The Council on Public Higher Education for the Commonwealth of Kentucky agrees to pay the sum of One Thousand Eight Hundred Dollars (\$1,800.00) for each Kentucky student who accepts an appointment for admission; and further agrees to pay One Thousand Eight Hundred Dollars (\$1,800.00) per year for each student for subsequent school years, not to exceed four years for any one student.
2. Each Kentucky student enrolled under this Agreement will be charged only such tuition and fees as are charged to students who are residents of Ohio.
3. Each party reserves the right to terminate this Agreement at the last of June in any year by giving the other party at least one year's notice of the desire to terminate the Agreement.

It was recommended further that the President of the University and the Secretary of the Board of Trustees be authorized to sign the Agreement on behalf of the University.

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

D. Agreement Between the Division of Special Education - Ohio Department of Education and The Ohio State University

President Fawcett recommended that the Agreement between The Ohio State University and the Division of Special Education - Ohio Department of Education, be approved for the fiscal year 1969-70, to provide the services of a faculty member of the College of Education, on a part-time basis, for classroom and in-service training for teacher education in the area of Educable Mentally Retarded Children.

It was recommended further that the Secretary of the Board of Trustees be authorized to sign the Agreement on behalf of the University.

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

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October 8, 1969 meeting, Board of Trustees

III. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since September 11, 1969, 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	\$218,414.00
Received Through The Ohio State University Development Fund	184,733.17

A. Administered Through the Office of Business and Finance

1. \$47,950.00 from W. K. Kellogg Foundation, Battle Creek, Michigan, to the University in support of the Graduate Program in Hospital and Health Services Administration.
2. \$44,958.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "National Conference on Post-Secondary Vocational Technical Education," under the direction of the Center for Vocational and Technical Education, for the period June 1, 1969 through March 31, 1970. (Contract No. OEC-0-9-644011-4708)
3. \$40,000.00 granted by U. S. Department of Transportation, Federal Highway Administration, National Highway Safety Bureau, Washington, D. C., to the University for "An Interdisciplinary Graduate Training Program in Highway Safety," under the direction of the Department of Industrial Engineering. (Grant No. FH-11-7357G)
4. \$38,500.00 from The Ford Foundation, 320 East 43rd Street, New York, New York 10017, 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. (Grant No. 690-0635)
5. \$17,014.00 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 Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH10778-03)
6. \$10,442.00 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, 1969 through June 30, 1970. (Grant No. 2 R13 DH 00129-06)

October 8, 1969 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

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

7. \$10,000.00 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," under the direction of the School of Nursing, for the period September 1, 1968 through August 31, 1970. (Grant No. NT-29-C12, S-2 new No. 3 A11 NU 00029-13S2)
8. \$9,550.00 additional grant 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, 1969 through June 30, 1970. (Grant No. 3 T01 NS05585-03S1)

TOTAL - Administered Through the Office of Business and Finance -
\$218,414.00

B. Received Through The Ohio State University Development Fund

1. \$17,050.00 from the Trust under the Will of Anna Rosseler for the Samuel J. Roessler Memorial Medical Scholarship Fund in the College of Medicine.
2. \$15,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for The Emmet Blakeney Gleason Scholarship Fund in the College of Engineering.
3. \$15,000.00 from the Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, for the Department of Medicine Fellowship Fund.
4. \$10,925.88 from the Estate of Clifford C. Baltzly, Philadelphia, Pennsylvania, for the Clifford C. Baltzly Scholarship Fund.
5. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research in Medicine Fund.
6. \$10,000.00 from The Nestle Company, Inc., White Plains, New York, for The Nestle Graduate Research Fund.
7. \$10,000.00 from The Ohio National Bank, Columbus, Ohio, (In the name of Walter C. Mercer), for the Center for Tomorrow Fund.
8. \$9,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering, \$4,000.00 for the Lubrizol Foundation Fellowship Fund in Chemistry and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
9. \$9,000.00 from the Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio, for the Mansfield Campus Scholarship Fund.

October 8, 1969 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

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

10. \$8,400.00 from The International Nickel Company of Canada, Limited, New York, New York, for the International Nickel Company Fellowship in the Department of Metallurgical Engineering.
11. \$7,800.00 from United States Steel Corporation, New York, New York, for the United States Steel Corporation Fellowship Fund in the Department of Mechanical Engineering.
12. \$7,750.00 from the Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.
13. \$7,334.79 from the Estate of Lillian B. Burgwald, Sarasota, Florida, (In the name of Lillian B. Burgwald), for the L. H. Burgwald Memorial Fund in the Department of Dairy Technology.
14. \$5,500.00 from the National Steel Corporation, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.
15. \$5,120.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
16. \$5,000.00 from Edgar W. Ingram Foundation, Columbus, Ohio, (In the names of Edgar W. Ingram Foundation and White Castle Systems, Inc.), for the Center for Tomorrow Fund.
17. \$5,000.00 from Union Carbide Corporation, Marietta, Ohio, for the Department of Metallurgical Engineering and Travel Fund.
18. \$4,000.00 from Phillips Petroleum Company for the Phillips Petroleum Company Fellowship Fund.
19. \$3,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
20. \$2,500.00 from The Columbus Foundation, Columbus, Ohio, for the Preston Davis Fellowship in City Planning Fund.
21. \$2,500.00 from Corning Glass Works for the Corning Glass Works Fellowship Fund in Ceramic Engineering.
22. \$2,500.00 from Forging Industry Educational and Research Foundation, (In the names of David E. Tilton, 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.

October 8, 1969 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

23. \$2,000.00 from Dr. Charlotte S. Huck for the Presidents Club Special Fund.
24. \$2,000.00 from The Women's Auxiliary to the American Optometric Association, Long Beach, California, for the Women's Auxiliary Fund, College of Optometry.
25. \$1,600.00 from Tall Apparel New York Corporation, New York, New York, for the Mortimore F. Reuben Memorial Scholarship Fund.
26. \$1,190.00 from Dr. William E. Hunt for the Harry E. LeFever Fund for Education in Neurological Surgery.
27. \$1,000.00 from Max M. and Marjorie S. Fisher Foundation, Inc., (In the name of Max M. Fisher), for the Max M. Fisher Fund.
28. \$1,000.00 from John C. Haaf for the John Conrad Haaf Scholarship Fund.
29. \$1,000.00 from Wilbur K. Jones Foundation, (In the name of Wilbur K. Jones), for the Wilbur K. Jones Student Aid Fund.
30. \$1,000.00 from the Estate of Albert A. Levin, Cleveland, Ohio, (In the name of Albert A. Levin), for the Albert A. Levin Memorial Award Fund.

Albert A. Levin Memorial Award Fund

The Albert A. Levin Memorial Award Fund was established October 8, 1969, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through The Ohio State University Development Fund from Albert A. Levin, LL.B. '34, formerly of Cleveland, Ohio.

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

The annual income is to be used to award a prize to be presented to that senior writing the best essay on the Lawyer's Responsibility to His Community. The winner is to be chosen by the faculty of The Ohio State University College of Law.

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

October 8, 1969 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

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

31. \$1,000.00 from Dr. Myron S. Reed for the Myron S. Reed Fund for Veterinary Medicine.

TOTAL - Received Through The Ohio State University Development Fund - \$184,733.17

C. Gift-in-Kind

1. Property known as Camp Indianola located between Barneby Road, County Roads 26 and 69, consisting of 985.16 acres in Madison Township, Fairfield County, Ohio, from the Barnebey Foundation, to the Board of Trustees of The Ohio State University, to be held in the University's endowment portfolio under the provisions of Section 3345.16 of the Revised Code of Ohio.

The gift includes an undeveloped wooded site and a permanent camp site comprising seven cabins (five double and two single), a pump and water storage house, a tool house, a staff house, a dining hall, a nature study building, a concrete dormitory, a propane gas system, a ten-acre pond and all of the furniture, equipment, furnishings and other personal property located in Camp Indianola.

For the present this property will be used by the College of Agriculture and Home Economics - School of Natural Resources as an off-campus laboratory.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, 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.

D. Report from The Ohio State University Development Fund

In August, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,300	\$ 54,088.18
Individuals other than alumni	93	31,372.42
Nonprofit organizations	26	80,854.62
Business concerns	<u>49</u>	<u>130,212.50</u>
	2,468	\$296,527.72

Of these gifts, 884 totaling \$282,111.97 were designated and 1,584 totaling \$14,415.75 were undesignated.

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October 8, 1969 meeting, Board of Trustees

IV. 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 1969

This project provides normal maintenance repair and painting for the Alpheus Smith Laboratory, the Research Laboratory and part of Derby Hall.

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

B. Parking Lot West of Pedestrian Bridge

This project will provide a 283-car parking lot on the west bank of the Olentangy River.

Funds for this project have been provided from Budget Account 801214 (Parking Lot West of Pedestrian Bridge).

C. Starling Loving Hall - Modernization of Electrical System in "A" Wing

The present power system is overloaded and to correct this situation, this project will provide for the removal of the existing electrical distribution system and the installation of a new distribution and branch circuit panels with new conduit and wire to feed each panel.

Funds for this project have been provided from Budget Account 801156 (Starling Loving Electrical System).

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

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V. 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:

October 8, 1969 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACT (continued)

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

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 8-28-69)		
Julian Speer Company	\$36,706.00	\$46,025.00

Funds for this project have been provided from Budget Account 801190 (University Hospital - Renovation of Mechanical System, Phase III).

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

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VI. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

The Ohio State University

- 2 Approves the transfer of \$553,091.00 from Item 033 Improvements, Equipment and Contingency, H. B. 828, to various capital improvements accounts. This money represents small unencumbered balances of previous capital improvement appropriations which were reappropriated by the Legislature.
- 3 Approves the transfer of \$725,854.00 from Item 016 Medical Complex, H. B. 828, to Item 043 Basic Science Medical, H. B. 828, and releases this amount for the purchase of equipment for the Medical Basic Science Building.
- 4 Approves the award of the Electrical Contract to the low bidder notwithstanding the fact that it is above the estimate of cost and releases \$551,671.00 in H. B. 828 for construction of the Mansfield Technical Building.
- 5 Approves the award of the Heating, Ventilating and Air Conditioning Contract and the Electrical Contract to the low bidders without further competitive bidding for the project "Lima Technical Building."

The Ohio Board of Regents

- 3 Approves the release of \$359,522.00 from Item 060 Mansfield Technical Building, H. B. 828, for construction on this project by The Ohio State University.

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October 8, 1969 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Evans Laboratory Addition - Improvements to the Heating and Air Conditioning System: Employment of Engineers

President Fawcett recommended that the engineering firm of H. A. Williams and Associates, Inc., be employed to provide complete preparation of plans and specifications for this project.

The fee for this service will be calculated on an hourly pay rate of \$18 for Principals, \$15 for Senior Engineers and Designers, \$12 for Junior Engineers and Designers and \$8 for Draftsmen and shall not exceed \$9,000.00.

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

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

B. Parking Lot West of Pedestrian Bridge - Employment of Engineers

President Fawcett recommended that the engineering firm of Bonham, Grant and Brundage, Ltd., be employed to provide engineering services for preliminary work, preparation of plans and specifications and supervision of project until completion.

The fee for this service will be calculated on an hourly rate schedule but not to exceed \$10,000.00.

Funds for this project have been provided from Budget Account 801214 (Parking Lot West of Pedestrian Bridge).

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

C. Marion Campus - Water Line Easement, The Marion Water Company

The Marion Water Company has requested an easement for a water main across State of Ohio lands that have been designated for the use of The Ohio State University, Marion Branch. The water main will provide service for new customers and will complete a loop which will reinforce the service to the Branch Campus.

The Ohio State University, by cooperating with the Marion Water Company will facilitate the orderly development of the residential community adjacent to the Marion Campus as well as reinforcing the water service to the Marion Campus.

President Fawcett recommended that the water line easement be granted to the Marion Water Company. It was further recommended that the President

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

C. Marion Campus - Water Line Easement, The Marion Water Company
(continued)

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 the water line easement.

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

D. Acquisition of Property for Educational, Research and Service Facilities

The following resolution was presented for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real estate located contiguous to Don Scott Field between Case Road and State Route 161, Sawmill Road and Godown Road; and

WHEREAS, the University, in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research and service facilities, deems it necessary to acquire additional property contiguous to Don Scott Field between Case Road and Route 161, Sawmill Road and Godown Road; and

WHEREAS, the Trustees of The Ohio State University have approved a master plan for the area; and

WHEREAS, the acquisition of this property is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and the Board of Trustees of The Ohio State University finds it necessary to complete the acquisition of said real property;

THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized and directed to proceed with the purchase of said contiguous lands, using funds appropriated in Amended Substitute House Bill 531 for that purpose, and, in the event that negotiations to purchase said property at a fair and just compensation should fail, then, pursuant to his statutory authority, the Director of Public Works, for and on behalf of said Board of Trustees, shall be requested to exercise the right of eminent domain and acquire by condemnation for the State of Ohio and said University the above described property.

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

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October 8, 1969 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Charles D. Cooper, Professor Emeritus in the Department of Engineering Graphics; Osee Hughes Dewey, Associate Professor Emeritus in the School of Home Economics; Harry H. Weiser, Professor Emeritus of the Academic Faculty of Microbial and Cellular Biology, College of Biological Sciences; and Carl J. Wirthwein, Associate Professor Emeritus in the School of Physical 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. Charles D. Cooper

The Board of Trustees expresses its sorrow at the death on August 26, 1969, of Charles D. Cooper, Professor Emeritus in the Department of Engineering Graphics.

Professor Cooper was born in Cambridge, Ohio, on May 2, 1899, and graduated from The Ohio State University with the degree of Bachelor of Mechanical Engineering in 1923.

Professor Cooper joined the staff of the Department of Engineering Drawing in the Autumn Quarter of 1923. He was promoted to Assistant Professor in 1929, advanced to Associate Professor in 1940 and acquired the rank of Professor in 1944. He retired July 1, 1966, with the title of Professor Emeritus after 43 years of continuous teaching service.

Professor Cooper assisted in revisions of Engineering Drawing, Thomas E. French, from the 4th edition through the 6th edition. He was a contributing author to the 7th and 8th editions. He was one of the technical advisors for seven sound motion pictures and six coordinated film strips to accompany the 7th and 8th editions of French's Engineering Drawing. He was also co-author with the late Professor Paul E. Machovina of Series I and II, Engineering Drawing Problems, to accompany the 7th and 8th editions of Engineering Drawing. He likewise co-authored several editions of Engineering Graphics Problems with Professor Machovina from 1959 through 1963.

Professor Cooper's teaching was in diversified courses for several years. He assumed the chairmanship of the Committee on Instruction for the beginning courses in Engineering Drawing for freshman engineers in 1942 and supervised this work until his retirement in 1966. He was exceptionally resourceful, unusually productive, faithful and devoted to his teaching assignments.

While at the University he was a member of Acacia Fraternity, University Lodge #631 F. & A. M. and the Faculty Club.

In campus and community life he was an active and helpful associate and neighbor. As a member of Crestview Presbyterian Church he had served as a deacon and elder for many years.

October 8, 1969 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Charles D. Cooper (continued)

Professor Cooper was a member of the American Society for Engineering Education and the American Society of Mechanical Engineers. He was an active participant in the Engineering Drawing Division of ASEE and the Ohio Section of this society. He was a registered Professional Engineer in the State of Ohio.

Woodworking, gardening, photography and fishing were his avocations. He had built a small cottage on Webb Lake in Wisconsin where he enjoyed the summers with his family, particularly the years since his retirement.

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.

B. Osee Hughes Dewey

The Board of Trustees expresses its sorrow at the death on September 3, 1969, of Mrs. Osee Hughes Dewey, Associate Professor Emeritus in the School of Home Economics.

Osee Hughes Dewey was born March 8, 1887. She received her Bachelor of Arts degree from the University of Kansas in 1918 and her Master of Science degree from the University of Chicago in 1930. She was a member of Phi Beta Kappa and Omicron Nu honoraries.

Food conservation work with Agricultural Extension Service in Detroit occupied Mrs. Dewey during the war year, 1918-19. In the fall of 1919, she was appointed Assistant Professor of Home Economics at Michigan State University. She was promoted to Associate Professor in 1923 and remained at Michigan State through 1929, serving also as Assistant Dean of Home Economics.

Mrs. Dewey joined the faculty at Ohio State in October 1930, as Instructor in Home Economics, became Assistant Professor in 1936 and Associate Professor in July 1945. She resigned in the summer of 1947 to be married to Mr. Ernest Dewey and went to live in Schenectady, New York, later moving to Morristown, New Jersey.

Osee Hughes Dewey was the author of the college textbook, Introductory Foods, published by the MacMillan Company in 1940. She wrote a number of bulletins published by the Agricultural Extension Service at Ohio State and several articles which appeared in Cereal Chemistry and the Journal of the American Dietetic Association. Research on the chemistry of starch cookery was carried on concurrently with teaching.

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Osee Hughes Dewey (continued)

Mrs. Dewey was a talented, well-liked teacher, with exceptional ability to transmit her wealth of knowledge in the field of food and nutrition.

On behalf of the University at large, 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.

C. Harry H. Weiser

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 24, 1969, of Harry H. Weiser, Professor Emeritus of the Academic Faculty of Microbial and Cellular Biology, College of Biological Sciences.

Dr. Weiser was born January 26, 1898, in Delaware, Ohio. He was graduated from Delaware High School in 1917, served in the U. S. Army, 1917-1919, and obtained his Bachelor of Science in Agriculture degree from The Ohio State University in 1923. During four years of high school science teaching, the last two in association with the Teacher Training Department of Ohio Wesleyan University, he obtained his Master of Science degree at Ohio State (1926). In 1928 he returned to Ohio State as an Instructor in Bacteriology, working through the ranks until his retirement as Professor Emeritus in 1968, meanwhile obtaining his Doctor of Philosophy degree at Iowa State College (1936). He was a member of two honorary societies: Sigma Xi and Gamma Sigma Delta, and several scientific societies including the Society of American Microbiologists, the American Dairy Association, the American Public Health Association and the American Water Works Association. These wide interests and activities are reflected in the more than 160 publications of Dr. Weiser, including a book: Practical Food Microbiology (1962).

Dr. Weiser played a prominent role in the development of microbiology at Ohio State both through contributions to his own department and through his extensive cooperation with the food technology, dairy technology, sanitary and nutrition groups on the campus. He not only found time to do extensive teaching on the undergraduate level, but advised many graduate students and carried out both varied and extensive research programs in the areas of food, dairy and water microbiology. Few individuals have contributed as much over such a long period to Ohio State as has Dr. Weiser. Dr. Weiser has written, "During the past 40 years I have treasured my teaching experience involving 11,650 students." This experience has been reciprocally treasured. His colleagues both off and on the campus similarly treasure their experiences, personally and professionally.

October 8, 1969 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Harry H. Weiser (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Weiser 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. Carl J. Wirthwein

The Board of Trustees expresses its sorrow at the death on September 2, 1969, of Carl J. Wirthwein, Associate Professor Emeritus in the School of Physical Education.

Although a much-traveled man in the states and frequent visitor in Europe, Professor Wirthwein was a native Ohioan and a resident of Columbus for 72 years. After graduating with a B. A. degree from The Ohio State University in 1922, he served with distinction in the Columbus Public Schools until 1935 as a teacher at the Eleventh Avenue School and McKinley Junior High School. Following the receipt of his M. A. degree from Columbia University, he served 31 years as a member of the faculty of the Physical Education Department for Men, at The Ohio State University.

"Educating young people to live most and serve best" was his theme and it served as the generative force that enabled him to make his most important contributions. These embraced the teaching of physical education and health education to young people, assistant coach of tennis and swimming, meet manager of the Ohio State High School Tennis and Swimming Championships and official timer for intercollegiate basketball and football games.

His notable achievements in the sport world were signaled by the Gold Tuxis Medallion from Culver Military Academy, Central Ohio singles tennis champion, and teamed with his brother Herman, doubles champion and then captain of The Ohio State University tennis team in 1922. His activities outside the University touched such athletic, benevolent and civic organizations as the National College Swimming Coaches Association, the Ace of Clubs, the Columbus Board of Education and the Humbolt Lodge, Scottish Rite and Shrine. The first three honored him by electing him their president.

It was said by Thomas Jefferson that, "Man is the substance of the things he loves." During his colorful career Professor Wirthwein was a talented teacher, a capable coach, a wise counselor, a productive participant in civic affairs, a member of that noble band who gave unselfishly of himself in order that "young people might live most and serve best." This was his concern, his contribution and his legacy.

October 8, 1969 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Carl J. Wirthwein (continued)

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

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IX. REPORT

A. Report on the University's Investment Portfolio

The report dated October 7, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, November 13, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 13, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, November 13, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford, Jack G. Gibbs, Frederick R. Eckley and M. Merle Harrod.

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Minutes of the last meeting were approved.

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November 13, 1969 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rule 35.07 of Rules for the University Faculty

The Faculty Council on October 14, 1969, approved the following revisions in Rule 35.07 of Rules for the University Faculty (See Appendix II, page 261), effective Winter Quarter, 1970.

1. That the Progress grade (P) be modified to include the specification that when the final mark is recorded all previous "Progress" hours shall assume the value of the final mark.
2. That the Satisfactory grade (S) be used for passing work in individual studies courses rather than A, B, C, D, and that the Unsatisfactory grade (U) be used for unsatisfactory work in those same courses in place of E.

President Fawcett recommended that this action of the Faculty Council be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, 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 foregoing changes in Rule 35.07 in the next printing of the Rules for the University Faculty.

B. Programs Leading to the Degrees Civil Engineer and Industrial Engineer

The Board of Trustees approved a revision of the curricula in the College of Engineering on November 14, 1968. This new program included advanced professional degree programs leading to the degrees of Electrical Engineer and Mechanical Engineer.

These new programs have now been expanded to include the advanced professional degree programs leading to the degrees of Civil Engineer and Industrial Engineer. The Faculty Council on October 14, 1969, approved the proposal from the Council on Academic Affairs that these programs be included in the framework of the College of Engineering in the revised curricula programs.

President Fawcett recommended that the above proposal for the establishment of the two new professional degrees be approved, effective immediately.

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

November 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Buildings

Upon the recommendation of the students on the Mansfield Campus and the Advisory Committee to OSU/Mansfield, and with the concurrence of Dean Richard Zimmerman, it was proposed that the Phase I Building on the Mansfield Campus be named "Ovalwood Hall" and that the Phase II structure be named "Dwight D. Eisenhower Memorial Center."

Dean Richard Zimmerman of the University College has proposed that the three buildings presently under construction on the West Campus be named as follows:

Building I, located at 1080 Carmack Road, be named "Bevis Hall" to honor the late President Howard L. Bevis.

Building II, located at 1060 Carmack Road, be named "Rightmire Hall" to honor the late President George W. Rightmire.

Building III, located at 1070 Carmack Road, be named "Learning Resources Center."

These proposals have the concurrence of the President's Cabinet and are in accordance with the Bylaws of the Board of Trustees. President Fawcett recommended that the said proposals be approved.

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

D. Naming of Streets

Upon the recommendation of the students on the Mansfield Campus and the Advisory Committee to OSU/Mansfield, and with the concurrence of Dean Richard Zimmerman, it was proposed that the main entrance road from State Route 39 on the Mansfield Campus be named "University Drive." It was proposed further that a loop road which runs west from the University Drive through the existing parking lot to the Mansfield Technical Building be named "Kenwood Circle."

These proposals have the concurrence of the President's Cabinet, and President Fawcett recommended that the said proposals be approved.

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

November 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Establishment of the Battelle Professorship in Theoretical Chemistry

Pursuant to the conditions set forth for the establishment of a "Named Professorship," adopted by the Board of Trustees, President Fawcett recommended that the "Battelle Professorship in Theoretical Chemistry" be established at The Ohio State University, effective October 1, 1970.

The Battelle Professorship is to be established in the specific area designated by the title; namely, Theoretical Chemistry. The budgeting of the salary is to be shared between Battelle Memorial Institute and the University with Battelle providing \$12,000.00 per annum on a continuing basis.

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

F. Honorary Degree

The Faculty Council on October 14, 1969, recommended that the honorary degree, Doctor of Science, be conferred on the following individual:

Edward A. Hobart

President Fawcett recommended that the Board of Trustees approve the awarding of the honorary degree to the above-identified person.

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

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II. PERSONNEL CHANGES

A. Change in Responsibility

President Fawcett made the following statement concerning the Change in Responsibility for Dr. Alfred B. Garrett:

Dr. Alfred B. Garrett, who for seven years has been Vice President for Research, has asked to return to the Department of Chemistry on January 1. During Dr. Garrett's tenure in the Office of Research, The Ohio State University has significantly increased the extent of its research and has dramatically enlarged the volume of annual contracts for faculty research. His service as Vice President for Research is simply one of many contributions Alfred B. Garrett has made to this University since he first came here 40 years ago as a graduate student.

II. PERSONNEL CHANGES (continued)

A. Change in Responsibility (continued)

Professor Garrett's desire to teach again after many years in research and administration signifies the ideal relation of classroom instruction to faculty research. Both teaching and research are important at Ohio State, as Dr. Garrett's career indicates.

In addition to his work in the Chemistry Department, Dr. Garrett will continue in his role as Chairman of the Centennial Committee.

Effective January 1, 1970, the Office of Research will be merged with the Office of Academic Affairs. Vice President and Provost Robinson will add to his role the responsibilities that Dr. Garrett has carried in the President's Cabinet, the Council on Research and The Ohio State University Research Foundation.

By combining research and instruction in the Office of Academic Affairs, we hope to reinforce the policy that teaching and research are integral parts of the academic mission of this University. Research programs bear importantly on teaching activities, and policies about instruction vitally affect research. By coordinating leadership of both these missions in the same office, we expect to strengthen the one without weakening the other.

During the next several months, Dr. Robinson who has wide experience in research and in the administration of research, will study in detail the University's organizational structure as it relates to research. He wishes to consult with the Council of Deans, the Council on Academic Affairs, the Council on Research, the Graduate Council and the Board of the Research Foundation before making any further changes. At a later date, he will submit recommendations for changes in organization.

B. Resignation

President Fawcett announced that Paul G. Craig will resign from the Deanship of the College of Social and Behavioral Sciences to assume the position of Vice President for Academic Affairs at Florida State University, effective at the end of Winter Quarter.

In addition to the foregoing personnel recommendations, President Fawcett recommended that all personnel changes since the October 8, 1969 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Promotions, Leave of Absence With Salary and Leaves of Absence Without Salary:

C. Appointments

Francis A. Ruzicka, Professor and Chairman, College of The Arts - Division of Art, effective July 1, 1970, at a salary of \$22,488.00 per annum.

II. PERSONNEL CHANGES (continued)

C. Appointments (continued)

Robert W. Teater, Acting Director, School of Natural Resources, effective November 1, 1969, at No Salary. Dr. Teater will continue to serve as Associate Dean in the College of Agriculture and Home Economics and as Assistant Director at the Ohio Agricultural Research and Development Center. Dr. Teater's appointment as Professor in the Department of Agronomy at No Salary will be continued.

D. Promotions

John O. Riedl, Jr., from Assistant Professor in the Department of Mathematics to Assistant Dean (part time - 75%) in the College of Mathematics and Physical Sciences, effective October 1, 1969. Dr. Riedl will continue to hold an appointment as Assistant Professor (part time - 25%) in the Department of Mathematics, at a combined salary of \$16,368.00 per annum.

Randall B. Ripley from Professor in the Department of Political Science to Professor in and Chairman of the Department of Political Science, effective November 1, 1969, at a salary of \$19,248.00 per annum.

E. 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:

Harry L. Barr, Associate Professor (Extension Specialist, Dairy Science) (part time - 80%), effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at Cornell University.

F. Leaves of Absence Without Salary

Irving Abramowitz, Professor, College of Administrative Science - Management Science, effective January 1, 1970 through June 30, 1970, for consultation and research in business.

William H. Johnson, Professor (part time - 15%), Department of Agricultural Engineering, effective October 1, 1969 through June 30, 1970, to participate in a program of professional improvement at Texas A & M.

November 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Leaves of Absence Without Salary (continued)

Hans J. Zassenhaus, Professor, Department of Mathematics, effective January 1, 1970 through March 31, 1970, to participate as a Distinguished Visiting Scholar in a special research program sponsored by the University of California.

Harry L. Barr, Associate Professor (part time - 20%), Department of Dairy Science, effective October 1, 1969 through December 15, 1969, to participate in a program of professional improvement at Cornell University.

Jerome G. Miller, Associate Professor, School of Social Work, effective November 1, 1969 through June 30, 1970, to accept an appointment as Commissioner of Youth Services for the State of Massachusetts.

Bradley M. Richardson, Associate Professor, Department of Political Science, effective January 1, 1970 through September 30, 1970, to accept a Fulbright grant in Germany.

Jack P. Tull, Associate Professor, Department of Mathematics, effective January 1, 1970 through September 30, 1970, to accept an appointment to a Chair in Mathematics at the University of Zambia.

Leota L. Balsizer, Assistant Professor (County Extension Agent, Home Economics) Sandusky County, Cooperative Extension Service, effective October 1, 1969 through October 31, 1969, for personal reasons.

Joan E. Herr, Assistant Professor, School of Home Economics, effective October 1, 1969 through September 30, 1970, for personal reasons.

Gordon L. McDonald, Instructor (County Extension Agent, 4-H) Columbiana County, Cooperative Extension Service, effective September 25, 1969 for an indefinite period - military leave.

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

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November 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
September 25 - October 24, 1969

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	15	\$ 887,609.00
Industrial and Other Research	2	24,560.00
<u>Grants</u>		
Government Research - Federal	23	1,433,795.00
Industrial and Other Research	<u>2</u>	<u>12,483.00</u>
Totals	42	\$2,358,447.00

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

1. Government Research Contracts - Federal

- a. Department of the Navy, Office of Naval Research, Washington, D. C., Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #21 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$169,787.00.
- b. Department of State, Agency for International Development, Washington, D. C., Technical Assistance Through Plasma Sheath (to be known as Agency for International Development Project No. 2158 - Amend. #17 - Department of Economics).
Gross Value - \$3,000.00.
- c. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through Plasma Sheath (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2438 - Mod. #6 - Department of Electrical Engineering).
Gross Value - \$13,330.00.
- d. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Proposal for a Theoretical Study of Separated Flows at High Reynolds Number (to be known as Aeronautical Systems Division Project No. 2550 - Mod. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$19,355.00.

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)

- e. Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio, AFIT Defense Weapon Systems Management Seminar (to be known as Air Force Institute of Technology Project No. 2659 - Mod. #5 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$8,930.00.
- f. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2731 - Mod. #5 - Research Foundation).
Gross Value - \$6,950.00.
- g. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Corrosion Cracking on Metallic Materials (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2737 - Mod. #1 - Department of Metallurgical Engineering).
Gross Value - \$160,000.00
- h. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Investigations in the Area of Artificial Turbulence Generation in Supersonic and Hypersonic Wind Tunnels (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2756 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$74,979.00.
- i. Department of the 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 Air Force Institute of Technology Project No. 2855 - Mod. #1 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$250,000.00.
- j. Department of Health, Education and Welfare, U. S. Office of Education, Contracts and Grants Division, Washington, D. C., A Review and Analysis of the Model Elementary Teacher Education Projects Developed Through the Bureau of Research (to be known as U. S. Office of Education Project No. 2865 - New - College of Education - Early and Middle Childhood Education).
Gross Value - \$20,000.00.

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

A. The Ohio State University

The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Department of the Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 2928 - New - Department of Speech).
Gross Value - \$20,043.00.
- l. U. S. Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Development and Presentation of a Program of Instruction in Geodesy (to be known as Air Force Institute of Technology Project No. 2930 - New - Department of Geodetic Science).
Gross Value - \$29,000.00.
- m. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, High Temperature Electrochemical Research in Metallurgy (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2932 - New - Department of Metallurgical Engineering).
Gross Value - \$89,814.00.
- n. Department of Health, Education and Welfare, Public Health Service, Consumer Protection and Environmental Health, Rockville, Maryland, Course for Contract Orientation for Project Officers (to be known as Consumer Protection and Environmental Health Project No. 2940 - New - College of Administrative Science - Division of Continuing Education).
Gross Value - \$1,956.00.
- o. Department of Health, Education and Welfare, Social Security Administration, Baltimore, Maryland, The Development and Preliminary Testing of a Methodology for the Costing and Financial Evaluation of the Prescription Operations of Community (Retail) Pharmacies (to be known as Social Security Administration Project No. 2941 - New - College of Pharmacy).
Gross Value - \$20,465.00.

TOTAL - Government Research Contracts - Federal \$887,609.00

2. Industrial and Other Contracts

- a. National Academy of Science-National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering with Biology and Medicine (to be known as National Academy of Science-National Academy of Engineering Project No. 2775 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$20,870.00.

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. Washoe County School District, Reno, Nevada, IACP Demonstration Program with the Washoe County School District (to be known as Washoe County School District Project No. 2939 - New - College of Education).
Gross Value - \$3,690.00.

TOTAL - Industrial and Other Research Contracts \$24,560.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-2J - Ext. #9 - Department of Medicine).
Gross Value - \$305,598.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-3J - Ext. #9 - Department of Medicine).
Gross Value - \$169,028.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409-H - Ext. #8 - Department of Physiology).
Gross Value - \$12,197.00.
- d. 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 National Institutes of Health Project No. 1501-G - Ext. #7 - Department of Chemistry).
Gross Value - \$66,630.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institute of Mental Health Project No. 1779-E - Ext. #5 - Department of Psychology).
Gross Value - \$43,680.00.

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

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

3. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Factors Controlling Testicular Tissue Metabolism (to be known as National Institutes of Health Project No. 1786-F - Ext. #6 - Department of Dairy Science).
Gross Value - \$41,594.00.
- 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 National Institutes of Health Project No. 2090-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$23,386.00.
- h. Department of Health, Education and Welfare, Public Health Service, Division of Research Facilities and Resources, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as Division of Research Facilities and Resources Project No. 2439-B - Ext. #2 - College of Pharmacy).
Gross Value - \$12,181.00.
- i. 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 National Institutes of Health Project No. 2507-B - Ext. #2 - Department of Medicine).
Gross Value - \$203,595.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neural Coding in the Visual Pathways (to be known as National Institutes of Health Project No. 2510-B - Ext. #2 - College of Optometry).
Gross Value - \$19,091.00.
- k. Department of Health, Education and Welfare, U. S. Office of Education, Chicago, Illinois, The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for Their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner, Part C (to be known as U. S. Office of Education Project No. 2522 - Rev. #2 - School of Home Economics).
Gross Value - \$21,320.00.

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 Aeronautics and Space Administration, Washington, D. C., Electron Beam Pumped Laser Action in Selenium and Tellurium with Applications for Tunable Backward Wave Parametric Oscillations (to be known as National Aeronautics and Space Administration Project No. 2679 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$15,000.00.
- m. 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 National Institutes of Health Project No. 2720-A - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$20,811.00.
- n. 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 National Institutes of Health Project No. 2727-A - Ext. #1 - College of Pharmacy).
Gross Value - \$23,736.00.
- o. U. S. Office of Education, Chicago, Illinois, Response Class in Learning and Memory (to be known as U. S. Office of Education Project No. 2804 - Rev. #2 - Department of Psychology).
Gross Value - \$825.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as National Institutes of Health Project No. 2927 - New - School of Nursing).
Gross Value - \$63,465.00.
- q. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2929 - New - Department of Electrical Engineering).
Gross Value - \$230,000.00.
- r. National Science Foundation, Washington, D. C., Comparison of Spectra of Mira Variables of Type Ce with Typical Carbon Stars (to be known as National Science Foundation Project No. 2931 - New - Department of Astronomy).
Gross Value - \$14,800.00.

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)

- s. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3, 2, 1-Bicyclic Mechanism (to be known as National Science Foundation Project No. 2933 - New - Department of Chemistry).
Gross Value - \$35,400.00.
- t. National Science Foundation, Washington, D. C., Geophysical and Glaciological Studies Along the Byrd Station Strain Net, Antarctica (to be known as National Science Foundation Project No. 2934 - New - Institute of Polar Studies).
Gross Value - \$39,300.00.
- u. 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 National Institutes of Health Project No. 2942 - New - Department of Medical Microbiology).
Gross Value - \$20,894.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathology of Myocardial Hypertrophy (to be known as National Institutes of Health Project No. 2944 - New - Department of Pathology).
Gross Value - \$18,364.00.
- w. National Science Foundation, Washington, D. C., Shear Center and Warping Torsion Hypotheses as Applied to Curved Members (to be known as National Science Foundation Project No. 2945 - New - Department of Civil Engineering).
Gross Value - \$32,900.00.

TOTAL - Government Research Grants - Federal \$1,433,795.00

4. Industrial and Other Research Grants

- a. The Eastern Ohio Heart Association, Inc., Youngstown, Ohio, Ultrastructure of Cardiac Conduction System in Anoxia and Ischemia (to be known as The Eastern Ohio Heart Association, Inc., Project No. 2937 - New - Department of Pathology).
Gross Value - \$7,483.00.

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, Franklin County Unit, Columbus, Ohio, Histochemical and Ultrastructural Evaluation of the Enhancement Effect of Topical Vitamin A on DMBA - Induced Tumorigenesis (to be known as American Cancer Society, Ohio Division, Franklin County Unit Project No. 2938 - New - College of Dentistry).
Gross Value - \$5,000.00.

TOTAL - Industrial and Other Research Grants \$12,483.00

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 roll call vote.

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

During the period from September 26, 1969 through October 22, 1969, 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 279X
Ext. #10 | Investigation of Soil-Structure Interaction in Culvert
Pipes, Ohio Department of Highways, Columbus,
Ohio.
Gross Value - \$31,920.00. |
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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since October 8, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$155,706.00
Received Through The Ohio State University Development Fund	206,465.60

November 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$137,126.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of an "Academic Year Institute in Science for Secondary School Teachers," under the direction of the College of Education. This grant terminates on July 31, 1971. (GW-4808)
2. \$18,580.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of a "Short Course on Models of Urban Spatial Structure and Ecology for College Teachers," under the direction of the Department of Geography. This grant terminates on September 30, 1970. (GY-6960)

TOTAL - Administered Through the Office of Business and Finance -
\$155,706.00

B. Received Through The Ohio State University Development Fund

1. \$35,194.00 from Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund in the Department of Electrical Engineering.
2. \$25,500.00 from the Ohio Lion's Eye Research Foundation, New Philadelphia, Ohio--\$15,500.00 for the Ohio Lion's Club Blindness Research Fund and \$10,000.00 for the Ophthalmologic Center Fund.
3. \$23,000.00 from the Trust under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.
4. \$15,680.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
5. \$11,300.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund in the College of Medicine.
6. \$9,181.25 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
7. \$8,295.14 from the Newark OSU Development Campaign, Newark, Ohio, for the Newark Campus Scholarship Fund.
8. \$7,506.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.

November 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$7,065.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
10. \$6,914.51 from the Estate of Lillian B. Burgwald, (In the name of Lillian B. Burgwald), New York, New York, for the L. H. Burgwald Memorial Fund.
11. \$6,600.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
12. \$6,400.00 from International Business Machines Corporation, Armonk, New York, for the International Business Machines Corporation Fellowship Fund in the Department of Mathematics.
13. \$5,575.00 from Goodyear Tire & Rubber Company Foundation-- \$4,200.00 for the Goodyear Foundation Fellowship Fund and \$1,375.00 for the Goodyear Foundation Scholarship Fund.
14. \$5,500.00 from the Cummins Engine Company, Inc., Columbus, Indiana, for the Cummins Engine Company Fellowship Fund in the Department of Mechanical Engineering.
15. \$5,004.70 from the Estate of Clifford C. Baltzly, (In the name of Clifford C. Baltzly), Philadelphia, Pennsylvania, for the Clifford C. Baltzly Scholarship Fund.
16. \$5,000.00 from the Buckeye International Foundation, Columbus, Ohio, for the Center for Tomorrow Fund.
17. \$5,000.00 from General Electric Company, Ossining, New York, for the General Electric Graduate Research and Study Grant Fund in Aeronautical and Astronautical Engineering.
18. \$4,500.00 from The Rockefeller Foundation, 111 West 50th Street, New York, New York, as an unrestricted gift to the University.
19. \$3,500.00 from Ernest G. Fritsche & Company, Columbus, Ohio, for the Ernest G. Fritsche Fellowship in the School of Architecture (City and Regional Planning).
20. \$2,000.00 from the Armco Foundation--\$1,500.00 for the Armco Foundation Scholarship in Metallurgical Engineering and \$500.00 for the Department of Metallurgical Engineering Support Fund.
21. \$2,000.00 from the Chemical Industry Council of Ohio, Marietta, Ohio, for the Chemical Industry Council of Ohio Fund in the Department of Chemical Engineering.

November 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

22. \$1, 100. 00 from the OSU College of Law, Class of 1966, for the establishment of the College of Law, Class of 1966 Fund.

College of Law, Class of 1966 Fund

The College of Law, Class of 1966 Fund was established November 13, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the College of Law Class of 1966.

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.

Seventy-five per cent of all monies paid into the Fund in any year will be made available to the College of Law to be used for scholarships, student loans and other financial aids to Law students, and twenty-five per cent of all monies paid into said Fund each year shall be retained therein to eventually provide a named law professorship in the name of the Class of 1966.

23. \$1, 000. 00 from the J. T. Edwards Company Foundation, Inc. , (In the name of David A. Edwards)--\$500. 00 for the J. T. Edwards Company Scholarship Fund, \$350. 00 as an undesignated gift to the University and \$150. 00 for the Student Athlete Grant-in-Aid Fund.
24. \$1, 000. 00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
25. \$1, 000. 00 from The Heer Foundation (In the name of Walter F. Heer, Sr.)--\$500. 00 for the Student Athlete Grant-in-Aid Fund and \$500. 00 for the Operation Eye Research Fund.
26. \$1, 000. 00 from Frederick W. R. Pride--\$500. 00 for the Department of Athletics Discretionary Fund and \$500. 00 for the College of Law Emergency Fund.
27. \$650. 00 from Dr. Frederick W. Hebbard, Dean of the College of Optometry, for the establishment of the Hebbard Optometry Scholarship Fund.

Hebbard Optometry Scholarship Fund

The Hebbard Optometry Scholarship Fund was established November 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Frederick Hebbard, Dean, College of Optometry.

IV. GRANTS AND GIFTS (continued)

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

27. Hebbard Optometry Scholarship 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 is to be used to provide one or more scholarships for students enrolled in the College of Optometry whose grades in pre-optometry averaged B or higher, with priority given to those with grades above 3.3, or whose work in the College of Optometry averaged B or higher and did not fall below B during the previous academic year, with priority given to those with cumulative averages above 3.3. The maximum award of such scholarship per student each year shall be \$600, adjusted for inflation which may occur after the 1970 base period. Consideration should be given to need and to scholarly attainment in making awards. As a recipient of scholarships from his alma mater and as one who contributed to his alma mater an amount equal to the scholarship help when he was able, the donor requests that all students who are helped through the Hebbard Optometry Scholarship Fund be encouraged to make gifts to this fund (after they have graduated and when they have the opportunity) at least equal to the help that they received so that the principal of the fund may in time grow large enough to help more good students to obtain education in optometry.

Should the income from this fund be large enough to provide scholarships for all students in the College of Optometry with grades high enough to meet the requirements, the balance of the income may be used for purposes to advance optometric education or research, as may be recommended by the dean, with consideration being given to an annual monetary award to the College of Optometry faculty member selected as the outstanding teacher for that year.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Optometry 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 optometry.

TOTAL - Received Through The Ohio State University Development
Fund - \$206,465.60

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. Raytheon Laser Power Supply, a Laser Transmitter Head and a Set of Associated Cables and Schematics, housed in the ElectroScience Laboratory, Department of Electrical Engineering, from The Raytheon Corporation, Lexington, Massachusetts.
2. One 24" Laboratory Film Laminating System (Extruder) with Associated Equipment, housed in the Department of Chemical Engineering, from Sinclair-Koppers Company, Monaca, Pennsylvania.
3. A Siemens Elmiskop 101 Electron Microscope and Accessories, housed in the Department of Ceramic Engineering, from A. C. Spark Plug Division, General Motors Corporation, Flint, Michigan.
4. Magnetic Arc Equipment, housed in the Department of Welding Engineering, from Vitronix, Inc., Subsidiary of Data Science Corporation.

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

In September, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,153	\$ 43,197.53
Individuals other than alumni	93	15,637.42
Nonprofit organizations	41	201,415.18
Business concerns	19	105,467.39
	<u>2,306</u>	<u>\$365,717.52</u>

Of these gifts, 1,006 totaling \$352,661.01 were designated and 1,300 totaling \$13,056.51 were undesignated.

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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:

November 13, 1969 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

A. Ohio Stadium Repairs

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 106,300.00	\$ 136,718.00	\$30,418.00

B. Newark Campus - Parking Lot Surfacing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 31,339.78	\$ 36,020.52	\$ 4,680.74

C. Systems Engineering Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,484,309.00	\$2,501,172.70	\$16,863.70

D. School of Nursing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,924,340.00	\$2,016,274.11	\$91,934.11

E. Mansfield Branch - Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 899,990.00	\$ 898,717.18	(\$ 1,272.82)

Upon motion of Mr. Jones, 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.

Mr. Jack Gibbs inquired about adding additional seating capacity at the south end of the Stadium. Mr. Mount indicated that this matter was presently under consideration by a committee appointed by President Fawcett.

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VI. PLANS AND SPECIFICATIONS

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

VI. PLANS AND SPECIFICATIONS (continued)

A. University Hospital - Renovation of 2nd Floor Radiology, Rooms 229-265 Inclusive

This project provides remodeling of the filing, recording and interpretation areas of the Second Floor Radiology Department to bring these areas up to today's hospital standards.

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

B. University Hospital - Electrical Distribution System in Patient Area

This project provides for the installation of a 1500 KVA transformer substation in the Hospital roof area with necessary primary and secondary switchgear for extended electrical power for patient floors 5 through 11.

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801216 (Hospital Air Conditioning).

C. University Affiliated Facility for the Mentally Retarded

This project provides facilities for a University-wide interdisciplinary program for training, service and research in the area of Mental Retardation.

Funds for this project have been provided by State appropriations in H. B. 202, H. B. 886 and H. B. 828 and from a Federal Grant.

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

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VII. REPORT OF AWARD OF CONTRACTS

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

November 13, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Systems Engineering - Area 480 Computer Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 9-30-69)		
Ed Ross Construction Company (Westerville)		
Base bid	\$ 22,495.00	\$ 32,000.00
Alt. G-1 Chalkboards	625.00	700.00
Total	<u>\$ 23,120.00</u>	<u>\$ 32,700.00</u>
<u>Heating and Air Conditioning Contract</u>		
(2 bids received 10-9-69)		
Limbach Company (Columbus)		
Base bid	\$ 59,900.00	\$ 67,858.00
Alt. H-1 Dry-cooler air conditioning system for the air-cooled refrigeration system	7,900.00	20,000.00
Total	<u>\$ 67,800.00</u>	<u>\$ 87,858.00</u>
<u>Electrical Contract</u>		
(4 bids received 10-9-69)		
Reco Electric, Inc. (Columbus)		
Base bid	\$ 32,580.00	\$ 34,672.00
Alt. E-1 Electrical work for Alt. H-1	940.00	12,000.00
Total	<u>\$ 33,520.00</u>	<u>\$ 46,672.00</u>
<u>Total All Contracts</u>	<u>\$ 124,440.00</u>	<u>\$ 167,230.00</u>

Funds for this project have been provided by transfer from Budget Account 149993 (Plant Funds Reserve) and Budget Account 149997 (New Programs Reserve) to Budget Account 801172 (Systems Engineering Remodeling).

B. Research Center - Alterations to Area 200

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 10-7-69)		
Ed Ross Construction Company (Westerville)		
	\$ 11,467.00	\$ 15,700.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(2 bids received 10-20-69)		
J. A. Guy, Inc. (Columbus)	15,900.00	18,000.00

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Research Center - Alterations to Area 200 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 10-7-69) Armstrong Electric Company (Columbus)	\$ 7,985.00	\$ 12,500.00
<u>Total All Contracts</u>	<u>\$ 35,352.00</u>	<u>\$ 46,200.00</u>

Funds for this project have been provided from the Research Foundation - Special Facilities Reserve.

C. Roof Repairs for 1969

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 10-7-69) Barrett Corporation (Columbus)	\$ 82,462.00	\$ 93,400.00

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

D. Primary Electric Line Relocation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 10-14-69) Pence Electric Company (Columbus)	\$ 67,636.00	\$ 90,000.00

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

E. Comparative Medical Teaching and Research Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 10-16-69) C. C. Vogel General Contractors (Columbus)		
Base bid	\$3,715,000.00	\$3,755,600.00
Alt. G-1 Substitution of ceiling materials	(46,900.00)	(40,000.00)
Alt. G-3 Substitution of wall coverings in certain areas	(1,000.00)	(17,000.00)
Alt. G-6 Install horse and cow stocks	2,000.00	2,500.00
Total Contract	<u>\$3,669,100.00</u>	<u>\$3,701,100.00</u>

November 13, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Comparative Medical Teaching and Research Facility (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(4 bids received 10-16-69)		
Montoney's Heating & Piping Co. (Grove City)		
Base bid	<u>\$ 894,000.00</u>	<u>\$1,015,000.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 10-16-69)		
Limbach Company (Columbus)		
Base bid	<u>\$1,786,000.00</u>	<u>\$1,845,000.00</u>
<u>Electrical Contract</u>		
(3 bids received 10-16-69)		
Electric Power Equipment Co. (Columbus)		
Base bid	\$1,171,982.00	\$1,080,000.00
Alt. E-2 Polarized lighting panels	300.00	800.00
Total Contract	<u>\$1,172,282.00*</u>	<u>\$1,080,800.00</u>
<u>Specialty (Fixed Equipment) Contract</u>		
(4 bids received 10-16-69)		
NII Laboratory Furniture, Inc. (Hicksville, New York)		
Base bid	<u>\$ 292,423.00</u>	<u>\$ 497,200.00</u>
<u>Stage Equipment Contract</u>		
(1 bid received 10-16-69)		
The Janson Industries (Canton)		
	<u>\$ 4,784.00</u>	<u>\$ 8,000.00</u>
<u>Lecture Room Seating Contract</u>		
(1 bid received 10-16-69)		
Smith & Schaefer, Inc. (Cincinnati)		
Base bid	<u>\$ 31,748.00</u>	<u>\$ 50,000.00</u>
<u>Total All Contracts</u>	<u>\$7,850,337.00</u>	<u>\$8,197,100.00</u>

*All bids on the Electrical Contract were over the Estimate of Cost but it is not believed that better bids could be obtained by readvertising and therefore award of this contract to the low bidder was recommended subject to the approval of the State Controlling Board.

November 13, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Comparative Medical Teaching and Research Facility (continued)

Funds for this project have been provided from State appropriations in S. B. 370, H. B. 202, H. B. 886 and H. B. 828 and a Federal Grant.

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

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. University Hospital - Mechanical and Electrical Projects, Employment of Engineers

President Fawcett recommended that the engineering firm of W. E. Monks be employed to provide for the complete design and supervision of mechanical and electrical projects in University Hospital.

These projects include providing electrical power and distribution systems of sufficient capacity for serving new heating and ventilating systems through the original Hospital building.

The fee for this service will be based on 8 per cent of the contract cost for these projects. Funds have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801216 (Hospital Air Conditioning).

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

B. Ambulatory Patient Teaching Facility - Employment of Architects

President Fawcett recommended that the architectural firm of Dan A. Carmichael 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.

The fee for this service will be based on about 5.7% of the construction cost less fees paid for schematics and funds have been appropriated in H. B. 531 for this service.

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

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

C. Dentistry Addition - Employment of Mechanical Engineers

President Fawcett recommended that the engineering firm of H. A. Williams and Associates, Inc., be employed to provide for the complete professional engineering services for heating, ventilating and air conditioning, plumbing and electrical work for this project including design and preparation of basic stage documents. Upon completion of funding, this contract will be extended for the preparation of all remaining bidding documents (including final stage drawings, specifications and estimate of cost) and complete field supervision of construction.

The fee for the first phase of the contract will be based on 3/10 of 6 per cent of the construction cost and for the second phase, 7/10 of 6 per cent of the construction cost. Funds for this service have been provided by a transfer from Item 235-010 Architectural Planning (Ohio Board of Regents) to Item 315-072 Dental Building, Phase II, H. B. 531.

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

D. Dentistry Addition - Employment of Structural Engineers

President Fawcett recommended that the engineering firm of Fling and Eeman, Inc., be employed to provide professional services for the structural system of this project, including design calculations, drawings, specifications, estimate of cost and checking of shop drawings. Upon completion of funding, the contract will be extended to include periodic supervision.

The fee for the first phase of the contract will be based on 0.75% of the General Contract cost and the second phase on 0.35% of the General Contract cost. Funds for this service have been provided by a transfer from Item 235-010 Architectural Planning (Ohio Board of Regents) to Item 315-072 Dental Building, Phase II, H. B. 531.

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

E. Laneview Area - Acquisition of Property for Educational, Research and Service Facilities

WHEREAS, The Ohio State University has acquired certain parcels of real property bounded on the east by the Chesapeake and Ohio Railway, on the south by Lane Avenue, on the west by Kenny Road and on the north by lands titled in the name of the State of Ohio; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research and service facilities, will be required to acquire most, if not all, of the land lying between the Chesapeake and Ohio Railroad, Lane Avenue, Kenny Road and State of Ohio owned lands; and

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

E. Laneview Area - Acquisition of Property for Educational, Research and Service Facilities (continued)

WHEREAS, the Trustees of The Ohio State University deem that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio, and is in conformity with its Master Plan;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized and directed to proceed with the purchase of certain real estate within the area outlined above with funds designated by the Board of Trustees at the meeting of March 14, 1968 and, in the event negotiations to purchase said property at a fair and just compensation should fail, then, pursuant to his statutory authority, the Director of Public Works shall be requested to exercise the right of "eminent domain" and acquire by condemnation for the State of Ohio and said University the following described tract of real estate located in Clinton Township, Franklin County, Ohio:

Being Parcel Numbered 1125, a Part of Reservation
"B," Second Wood Brown County Addition.

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

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Thomas D. Jenkins, Associate Professor, Cooperative Extension Service, College of Agriculture and Home Economics, and Charles A. Dambach, Professor in and Director of the School of Natural Resources, 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. Thomas D. Jenkins

The Board of Trustees expresses its sorrow at the death on September 14, 1969, of Thomas D. Jenkins, Associate Professor, Cooperative Extension Service, College of Agriculture and Home Economics.

Professor Jenkins was born April 10, 1922, on his father's farm near Oak Hill, Ohio. He received his Bachelor of Science in Agriculture degree from The Ohio State University in December, 1948, and his Master of Science degree in Agricultural Education in December, 1960.

November 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Thomas D. Jenkins (continued)

Professor Jenkins joined the United States Marine Corps in 1942 and was discharged as Technical Sergeant in 1945. He was appointed to the County Staff of the Ohio Cooperative Extension Service, College of Agriculture and Home Economics, as Instructor and Associate County Extension Agent in Clinton County in January, 1949, transferring to Union County in 1951 as County Agricultural Agent. He joined the State Staff of the Cooperative Extension Service as Leader of Special Projects in 1956, becoming Acting District Supervisor in 1957 and District Supervisor in 1958. He achieved the rank of Assistant Professor on July 1, 1967, and on July 1, 1969, became Associate Professor and Area Supervisor, Washington C. H. Area Center. In his capacity as Area Supervisor, Professor Jenkins was responsible for administrative and program matters affecting five Area Agents in the Washington C. H. Area Center and twenty-eight County Extension Agents in ten counties.

Professor Jenkins was a member of Epsilon Sigma Phi, Alpha Eta Chapter, the Ohio Adult Education Association, the Ohio Extension Professors Association and Gamma Sigma Delta - Agricultural Honorary. In 1966, he received the Farm Foundation Scholarship to the Extension Supervisor Program Development Workshop at Colorado State University. He was a participant in North-Central States Supervisory Workshops held at the University of Wisconsin in 1961, 1964 and 1968. In addition, he participated in three to four In-Service Training Conferences held annually.

Professor Jenkins served as ex-officio committee member on six Area Extension Industry Commodity Committees that are concerned with program development needs and problem identification (1966-69). He represented College and Extension as a member of the Southwest Ohio Water Advisory Council (1968-69).

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. Charles A. Dambach

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 30, 1969, of Charles A. Dambach, Professor in and Director of the School of Natural Resources, College of Agriculture and Home Economics.

Dr. Dambach was born December 31, 1911, in Cleveland, Ohio. He was graduated from Burton High School in 1932. He attended The Ohio State University receiving the Bachelor of Science degree in 1937, Master of Science degree in 1941 and Ph.D. degree in 1945. His career in natural resource conservation began before he received his baccalaureate degree and spanned more than 35 years. He was employed by the United States

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Charles A. Dambach (continued)

Department of Agriculture in 1934 and became Associate Regional Biologist before resigning to join the faculty of The Ohio State University in 1942. He developed and taught courses in conservation and in wildlife management and, for a time, served as Acting Director of the Ohio Cooperative Wildlife Research Unit. He also served as Director of the Ohio Conservation Laboratory. In 1950 he took a leave of absence from the University to become Chief of the Division of Wildlife of the Ohio Department of Natural Resources. In 1955 he returned to the University and became Director of the newly created Natural Resources Institute. For more than a decade the Institute functioned to stimulate and coordinate conservation activities throughout the University and in the State. In the general reorganization of the University a School of Natural Resources was organized under the leadership of Dr. Dambach and the functions of the Institute passed to the School. A program of instruction, extension and research was developed and implemented in the Autumn of 1969. In the opinion of many, including Dr. Dambach, the establishment of the School was one of the most significant events in the history of conservation in Ohio.

During his busy career he found time to serve on numerous advisory committees for governmental agencies and private foundations and to hold important offices in a number of state and national conservation organizations.

Those who knew Dr. Dambach well admired and were inspired by his indomitable spirit, his profound dedication to his work and the integrity and breadth of understanding which he exhibited. These personal qualities and the articulate manner in which he voiced his views and concerns brought substantial support for work in natural resources conservation to The Ohio State University. He engendered a loyalty in colleagues and students which was durable and effective in fostering the causes which he championed and will make his influence felt for many years. He was so engrossed in the tasks which he had set for himself that, even when he knew how little time was left, he gave of it unstintingly and without concern for his own comfort or well-being. His impressive accomplishments will challenge the best efforts of those who carry on his work and should be a source of immense inspiration and satisfaction to his family and friends.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Dambach 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 has sustained.

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November 13, 1969 meeting, Board of Trustees

X. REPORTS

A. 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 12, 1969, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1969, 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.

B. Report on Student Work Projects

Mr. Frederick Jones indicated that he would like to report the following incident that he thought was quite a contrast to the Press coverage usually conveyed concerning student activities at this University. He suggested it might be refreshing for the Press to carry something favorable to our student body. The reported incident referred to was that recently a group of men students from Steeb Hall went to Mr. Dean Ramsey and volunteered to clean up Mirror Lake. Mr. Ramsey told them to go right ahead and that he would provide the necessary equipment and tools. The work was completed and the men did a tremendous job. When the job was finished, the men noted that the trucks were dirty so they were cleaned, too.

When word of this cleanup reached a group of fraternity men, they thought they had been deprived of a project and asked what they could do. They were told that there was a great deal of sodding work to be done by the new pedestrian walk across the Olentangy River. For three days these men worked on this project. They indicated that next spring they would like the responsibility of cleaning Mirror Lake.

Mr. Jones recommended that the Board of Trustees should offer these men a vote of commendation and express appreciation to them for portraying the "real image" of this University.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above recommendation was approved for inclusion in the minutes of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, December 11, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Page 260 Blank

APPENDIX II

Revisions of Rule 35.07 of Rules for the University Faculty

as Approved by the Faculty Council
October 14, 1969

Adopted by Board of Trustees November 13, 1969
(See page 230)

Page 262 Blank

Revisions of Rule 35.07 of Rules for
the University Faculty

The Faculty Council on October 14, 1969, approved the following revisions in Rule 35.07 of Rules for the University Faculty, effective Winter Quarter 1970:

- (1) That the first sentence of Rule 35.07 be amended so as to replace the mark S with the mark S/U, so that it reads:

The official marks of the University are as follows: A, B, C, D, E, H, I, P, R, S/U, T, X, PA/NP, EM, and K.

- (2) That the phrases and sentence as underscored below be added to the material under the mark P--Progress.

P--Progress. This mark may be used to indicate that the student has shown satisfactory progress in courses other than individual-studies courses that extend over more than one quarter. Until such time as a final mark is recorded, the credit hours in a P course shall not be counted for any purpose. When a final mark is recorded, all previous P hours shall assume the value of the final mark.

- (3) That the following paragraph be substituted for S--Satisfactory in the present version of Rule 35.07.

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 Graduate Council. It shall be used as an alternative to U or I in individual-studies courses numbered 593, 693, 793, 993, 998, and 999, and on satisfactory completion by a graduate student of a literature review course or seminar designated by the Dean of the Graduate School as qualifying for the mark of S. 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 grade shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Page 264 Blank

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 11, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, December 11, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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December 11, 1969 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change the Name of the Department of Veterinary Parasitology to Department of Veterinary Microbiology and Parasitology

The Faculty Council on November 11, 1969, approved for transmittal to the Board of Trustees the proposal from the Council on Academic Affairs that the name of the Department of Veterinary Parasitology be changed to the Department of Veterinary Microbiology and Parasitology.

Dean Clarence Cole of the College of Veterinary Medicine reports that the new name would satisfy accrediting agencies, unite two fields of instruction and research that have common interests and expedite curricula revisions now under way in the College of Veterinary Medicine. Certain courses in Veterinary Microbiology have recently been transferred from the College of Biological Sciences and this change in title will more accurately signify the jurisdiction of the Department.

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the Department of Veterinary Parasitology to the Department of Veterinary Microbiology and Parasitology, effective with the 1970-1971 academic year.

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

B. Change the Name of the School of Physical Education to School of Health, Physical Education and Recreation

On November 11, 1969, the Faculty Council, with the endorsement of the Council on Academic Affairs, approved the request from the College of Education that the name of the School of Physical Education be changed to the School of Health, Physical Education and Recreation.

The present designation does not reflect the full scope of the existing instructional, research and professional programs carried on in the School. It becomes essential to use each separate title in the total name in order to give visibility to the various areas of responsibility. For purposes of curriculum development, recruitment of students and staff and visibility locally, statewide and national, the name of the School should be encompassing and descriptive. Colleges, schools and departments in institutions of higher education throughout the United States with similar programs and responsibilities have names involving the three major phases of their programs-- health education, physical education and recreation.

December 11, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Change the Name of the School of Physical Education to School of Health, Physical Education and Recreation (continued)

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the School of Physical Education to School of Health, Physical Education and Recreation, effective with the 1970-1971 academic year.

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

C. Naming of Building

Upon the recommendation of the College of Education, and with the concurrence of the President's Cabinet, President Fawcett recommended that the building located at 29 West Woodruff Avenue presently identified as University School be renamed "Ramseyer Hall" to honor the late John A. Ramseyer. Professor Ramseyer's professional career included distinguished service as a member of the faculty of University School which began in 1938 and as Director of the University School from 1948 until 1951. He subsequently achieved a distinguished career as Professor of Educational Administration and as Director of the School of Education from 1965 to 1968.

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

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

D. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 19, 1969, 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 299.)

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

E. The Ohio State University Centennial Achievement Award

In celebration of the Centennial Year of The Ohio State University and upon the recommendation of the special University Committee on Centennial Achievement Awards, approximately one hundred persons have been selected

December 11, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. The Ohio State University Centennial Achievement Award (continued)

for the Centennial Achievement Award. As a tangible symbol of this recognition, President Fawcett recommended that these recipients be presented with a suitably prepared Centennial Medallion at an appropriate occasion during the Centennial Year. The names of the recipients will be announced during this coming year.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 13, 1969 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, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotions

Orlo L. Musgrave from Acting Associate Director and Professor in the Ohio Cooperative Extension Service to Associate Director and Professor in the Ohio Cooperative Extension Service, effective January 1, 1970, at a salary of \$25,008.00 per annum. Dr. Musgrave will continue to hold a Professorship at No Salary in the Department of Agronomy.

George R. Gist, Jr., from Professor (Extension Agronomist), Ohio Cooperative Extension Service, to Assistant Director and Professor, Ohio Cooperative Extension Service, effective March 1, 1970, at a salary of \$21,768.00 per annum. Dr. Gist will continue to hold a Professorship at No Salary in the Department of Agronomy.

B. Appointments

Richard C. Snyder, Mershon Professor of Education and Public Policy, College of Education, effective July 1, 1970, at a salary of \$30,168.00 per annum. Professor Snyder will hold appointments in the Division of Public Administration and the Department of Political Science at No Salary. He will become Director of the Mershon Center for Education in National Security at No Salary.

James M. Beattie, Professor and Acting Chairman, Department of Horticulture and Forestry, effective January 1, 1970, at No Salary.

December 11, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments (continued)

John J. O'Neill, Professor, Department of Pharmacology, effective November 1, 1969, at a salary of \$20,928.00 per annum.

Philip Adelbert Tripp, Professor, College of Education, effective December 1, 1969, at a salary of \$24,168.00 per annum.

Stephen W. Tsai, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective January 1, 1970 through March 31, 1970, at a salary of \$8,331.00 for the period.

C. 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:

Philip L. Grover, Instructor (County Extension Agent, Agriculture) Fayette County, effective January 1, 1970 through June 15, 1970, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Jack E. Hathaway, Instructor, Veterinary Clinic, effective January 1, 1970 through June 30, 1970, to continue to work under a NIH grant to do graduate work.

Madeline L. Sunderman, Instructor, School of Nursing, effective November 1, 1969 through November 15, 1969, for personal reasons.

E. Emeritus Title

Carl R. Reese, College of Biological Sciences - Population and Environmental Biology, with the title Professor Emeritus, effective January 1, 1970.

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

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December 11, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
October 25 - November 21, 1969

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	15	\$ 462,954.00
Industrial and Other Research	4	18,243.00
<u>Grants</u>		
Government Research - Federal	18	637,891.00
Industrial and Other Research	<u>5</u>	<u>15,600.00</u>
Totals	42	\$1,134,688.00

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

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as U. S. Atomic Energy Commission Project No. 1398-C - Mod. #8 - Department of Chemistry).
Gross Value - \$36,960.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as U. S. Atomic Energy Commission Project No. 1794-C - Mod. #6 - College of Biological Sciences - Population and Environmental Biology).
Gross Value - \$16,582.00.
- c. Department of Health, Education and Welfare, U. S. Office of Education, Washington, D. C., The Development of an ERIC Information Analysis for Science Education (to be known as U. S. Office of Education Project No. 2228 - Renewal - College of Education).
Gross Value - \$4,297.00.
- d. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Early Diagnosis of Infectious Diseases (to be known as Office of the Surgeon General Project No. 2634 - Renewal - Department of Medicine).
Gross Value - \$30,959.00.

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)

- e. National Aeronautics and Space Administration, Washington, D. C. ,
Critical Analysis and Review of State-of-the-Art in Space Medicine
(to be known as National Aeronautics and Space Administration
Project No. 2655 - Amend. #2 - Department of Preventive Medicine).
Gross Value - \$50,948.00.
- f. Department of Health, Education and Welfare, Public Health Service,
National Institutes of Health, National Institute of Allergy and
Infectious Diseases, Bethesda, Maryland, Production of 100 Liters
of Horse Anti-Human Anti-Lymphocyte Serum (to be known as
National Institutes of Health Project No. 2660 - Mod. #3 - Depart-
ment of Surgery).
Gross Value - \$10,645.00.
- g. 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 National Institutes of Health Project No. 2740 - Mod. #2 - College
of Biological Sciences - Entomology).
Gross Value - \$17,000.00.
- h. U. S. Air Force, Air Force Systems Command, Aeronautical
Systems Division, Wright-Patterson Air Force Base, Ohio, Research
on Plasma Diagnostic Techniques and Generation (to be known as
Air Force Systems Command, Aeronautical Systems Division Project
No. 2936 - New - Department of Physics).
Gross Value - \$29,452.00.
- i. U. S. Air Force, Air Force Systems Command, Aeronautical
Systems Division, Wright-Patterson Air Force Base, Ohio,
Theoretical and Experimental Investigation of Hypersonic Similitude
for Slender Bodies in Nonequilibrium Flows (to be known as Air
Force Systems Command, Aeronautical Systems Division Project
No. 2946 - New - Department of Aeronautical and Astronautical
Engineering).
Gross Value - \$42,833.00.
- j. National Aeronautics and Space Administration, Washington, D. C. ,
National Aeronautics and Space Administration Training and Career
Progression Study (to be known as National Aeronautics and Space
Administration Project No. 2947 - New - College of Administrative
Science - Continuing Education).
Gross Value - \$100,000.00.

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

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

1. Government Research Contracts - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, Dental Health Center, Division of Dental Health, San Francisco, California, A Multivariate Study of the Career Developments of Potential Health Professionals (to be known as Dental Health Center, Division of Dental Health Project No. 2951 - New - College of Medicine - Research and Services on Medical Education).
Gross Value - \$2,000.00.
- l. Air Force Institute of Technology, U. S. Air Force, Wright-Patterson Air Force Base, Ohio, Academic Services for Air Force Institute of Technology (DWSMC) (to be known as Air Force Institute of Technology Project No. 2953 - New - College of Administrative Science - Continuing Education).
Gross Value - \$28,000.00.
- m. Department of the Navy, Office of Naval Research, Washington, D. C., Infrared Spectra (to be known as Office of Naval Research Project No. 2957 - New - Department of Physics).
Gross Value - \$10,960.00.
- n. Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C., Pyritic Systems: A Mathematical Station (to be known as Federal Water Pollution Control Administration Project No. 2961 - New - Engineering Experiment Station).
Gross Value - \$68,918.00.
- o. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Degradation Mechanisms of Pigmented Coatings (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2965 - New - Department of Ceramic Engineering).
Gross Value - \$13,400.00.

TOTAL - Government Research Contracts - Federal \$462,954.00

2. Industrial and Other Contracts

- a. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Joining of Uranium and Refractory Materials for Nuclear Manufacturing (to be known as Union Carbide Corporation Project No. 2199-A - Amend. #9 - Department of Welding Engineering).
Gross Value - \$5,210.00.

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

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

2. Industrial and Other Contracts (continued)

- b. Commission on Obscenity and Pornography, Washington, D. C., Attitudes Toward Pornography in Sweden (to be known as Commission on Obscenity and Pornography Project No. 2948 - New - Department of Sociology).
Gross Value - \$7,273.00.
- c. Kent State University, Kent, Ohio, Radiometric Determinations (to be known as Kent State University Project No. 2954 - New - Department of Geology).
Gross Value - \$3,000.00.
- d. The Hynite Corporation, Oak Creek, Wisconsin, Histopathological Evaluation of Tissues from Broilers Fed Hydrolyzed Leather Meal (to be known as The Hynite Corporation Project No. 2960 - New - Department of Poultry Science).
Gross Value - \$2,760.00.

TOTAL - Industrial and Other Contracts \$18,243.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Health Service and Mental Health Administration, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470-G - Ext. #7 - Department of Psychology).
Gross Value - \$14,696.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Phytochemistry of Genus Thalictrum (to be known as National Institutes of Health Project No. 1497-F - Sup. #2 - College of Pharmacy).
Gross Value - \$2,807.00.
- 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 National Institutes of Health Project No. 1640-F - Ext. #6 - Department of Chemistry).
Gross Value - \$46,490.00.

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

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-D - Sup. #3 - Department of Pharmacology).
Gross Value - \$3,408.00.
- e. National Aeronautics and Space Administration, Washington, D. C., Millimeter-Wavelengths Propagation Studies (to be known as National Aeronautics and Space Administration Project No. 2374 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$55,000.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Center for Health Services Research and Development, Health Services and Mental Health Administration, Bethesda, Maryland, Primary Prevention of Coronary Heart Disease (to be known as National Center for Health Services Research and Development Project No. 2511-B - Ext. #2 - Department of Preventive Medicine).
Gross Value - \$347,648.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyrarnidal System (to be known as National Institutes of Health Project No. 2512-B - Ext. #2 - Department of Anatomy).
Gross Value - \$11,689.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516-B - Sup. #2 - Department of Chemistry).
Gross Value - \$1,857.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Institutes of Health Project No. 2518-B - Sup. #1 - Department of Physiology).
Gross Value - \$1,566.00.

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)

- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-B - Sup. #2 - College of Pharmacy).
Gross Value - \$1,059.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525-B - Sup. #2 - Department of Pathology).
Gross Value - \$8,908.00.
- l. 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 National Institutes of Health Project No. 2711-A - Ext. #1 - Department of Ophthalmology).
Gross Value - \$29,564.00.
- m. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as National Aeronautics and Space Administration Project No. 2732 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$12,000.00.
- n. 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 National Institutes of Health Project No. 2750-A - Ext. #1 - Department of Surgery).
Gross Value - \$15,864.00.
- 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 National Institutes of Health Project No. 2949 - New - Department of Otolaryngology).
Gross Value - \$21,105.00.

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. National Science Foundation, Washington, D. C., Biosynthesis of the Aglycones of Thioglucosides (to be known as National Science Foundation Project No. 2955 - New - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$32,000.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as National Institutes of Health Project No. 2956 - New - Department of Anatomy).
Gross Value - \$12,634.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Tonicology (to be known as National Institutes of Health Project No. 2962 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$19,596.00.

TOTAL - Government Research Grants - Federal \$637,891.00

4. Industrial and Other Research Grants

- a. American Association of Colleges of Pharmacy, Silver Spring, Maryland, A Multivariate Study of the Career Development of Potential Health Professionals (to be known as American Association of Colleges of Pharmacy Project No. 2950 - New - College of Medicine - Division of Research and Services on Medical Education).
Gross Value - \$3,000.00.
- b. Construction Industry - Associated Building Contractors of Colorado, Inc., Denver, Colorado, and Fox Valley Construction Industry, Geneva, Illinois, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Construction Industry - Associated Building Contractors of Colorado, Inc., Denver, Colorado, and Fox Valley Construction Industry, Geneva, Illinois, Project No. 2952 - New - College of Education).
Gross Value - \$4,000.00.
- c. Construction Industry - Rhode Island Chapter, The Associated General Contractors of America, Providence, Rhode Island, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Construction Industry - Rhode Island Chapter, The Associated General Contractors of America, Providence, Rhode Island, Project No. 2952 - Sup. #1 - College of Education).
Gross Value - \$100.00.

December 11, 1969 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)

- d. Construction Industry - Associated General Contractors of America, Inc., Dayton, Ohio, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Construction Industry - Associated General Contractors of America, Inc., Dayton, Ohio, Project No. 2952 - Sup. #2 - College of Education).
Gross Value - \$1,000.00.
- e. American Heart Association, East Central Ohio Chapter, Inc., Canton, Ohio, Effects of Beta Adrenergic Blockade on Left Ventricular Performance in Patients with Angina Pectoris (to be known as American Heart Association, East Central Ohio Chapter, Inc., Project No. 2964 - New - Department of Medicine).
Gross Value - \$7,500.00.

TOTAL - Industrial and Other Research Grants \$15,600.00

Upon motion of Mr. Hilliker, 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.

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

SUMMARY

	No. of Projects	Gross Value
Industrial Research Contracts	2	\$9,300.00

During the period from October 23, 1969 through November 20, 1969, 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 353X A Study of the $Li_2O-P_2O_5-Al_2O_3$ System, Chase Brass
Copper Company, Cleveland, Ohio.
Gross Value - \$6,300.00.
- EES 327X Design Study of Blowdown Rings, Aquatrol, Inc., Chicago,
Ext. #1 Illinois.
Gross Value - \$3,000.00.

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December 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 13, 1969, 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	\$1,711,510.00
Received Through The Ohio State University Development Fund	1,131,876.68

A. Administered Through the Office of Business and Finance

1. \$810,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support 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 September 1, 1969 through May 31, 1970. (Grant No. OEG-3-7000158-2037, Revision No. 9)
2. \$361,560.00 granted by The Ford Foundation, New York, New York, to the University for the Department of Agricultural Engineering to assist the Punjab Agricultural University in Ludhiana, India, in the development of teaching and research in agricultural engineering, over a two-year period beginning August 1, 1969. (Grant No. 640-0417A)
3. \$324,951.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "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 July 1, 1969 through August 31, 1969. (Grant No. OEG-3-7-000158-2037, Revision No. 7 and Revision No. 8)
4. \$214,999.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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, 1969 through August 31, 1970. [Grant No. OEC-0-70-1214(010)]

TOTAL - Administered Through the Office of Business and Finance -
\$1,711,510.00

December 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$840,313.71 from the William H. Dickinson Trust for the establishment of the Dr. Lucius A. Wing Memorial Fund.

Dr. Lucius A. Wing Memorial Fund

The Dr. Lucius A. Wing Memorial Fund was established December 11, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University through the Trust of William H. Dickinson, 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 by the College of Medicine in a manner which memorializes Dr. Lucius A. Wing.

Should the need for this income 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 purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

2. \$129,000.00 from Mr. and Mrs. James E. Townsend for the establishment of The Townsend Scholarship Fund.

The Townsend Scholarship Fund

The Townsend Scholarship Fund was established December 11, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Patricia Gibson Townsend (Mrs. James E.), B.Sc.Soc. Adm. '48, and James E. Townsend, B.E.E. '48, Greenwich, Connecticut.

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 provide one or more scholarships for undergraduate and/or graduate students who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students enrolled in the physical and social sciences. The scholarship so granted to any student may be withdrawn, upon the recommendation of the Board of Trustees, if the student engages in any activities which disrupt the orderly administration of the University.

IV. GRANTS AND GIFTS (continued)

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

2. The Townsend Scholarship Fund (continued)

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.

3. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Professorship in Chemical Engineering.
4. \$10,062.50 from G. D. Searle and Company, Chicago, Illinois, for the G. D. Searle and Company Research in Medicine Fund.
5. \$10,000.00 from SCOA Foundation, Inc., for the Center for Tomorrow Fund.
6. \$10,000.00 from Shell Companies Foundation, Inc., New York, New York--\$5,000.00 for the Shell Companies Foundation Fund for Chemical Engineering and \$5,000.00 for the Shell Companies Foundation Fellowship in Mechanical Engineering.
7. \$10,000.00 from Ford Motor Company (Cleveland Regional Office) for the Center for Tomorrow Fund.
8. \$7,750.00 from Ohio Lion's Eye Research Foundation, Jackson, Ohio, for the Lion's Club Eye Research in Optometry.
9. \$7,500.00 from Suburban Motor Freight, Inc., (In the name of James R. Riley), for the James R. Riley Professorship of Marketing and Logistics.
10. \$5,500.00 from American Oil Foundation, Chicago, Illinois, for the American Oil Foundation Fellowship Fund - Chemistry.
11. \$5,200.00 from Armco Foundation, Middletown, Ohio, for the Armco Fellowship in Metallurgical Engineering Fund.
12. \$5,000.00 from The Merck Company Foundation, Rahway, New Jersey, for The Merck Company Foundation Research Fund - Chemistry.
13. \$5,000.00 from Republic Steel Corporation, Cleveland, Ohio, for the Center for Tomorrow Fund.
14. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois, for the Good Teaching Awards Program.

December 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$4,500.00 from Payne Fund, Inc., (In the name of Frances P. Bolton), for the Payne Fund Communications Project.
16. \$4,200.00 from Goodyear Tire and Rubber Company Fund for the Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering.
17. \$4,100.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
18. \$4,075.00 from Mrs. Mary T. Henne for the Albert L. Henne Memorial Fund.
19. \$4,000.00 from Miss Irene D. Hirsch for the Crime Delinquency Research Fund.
20. \$3,700.00 from Jones & Laughlin Steel Corporation, Pittsburgh, Pennsylvania, for the Jones & Laughlin Steel Corporation Fellowship Fund.
21. \$3,262.50 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
22. \$3,000.00 from The Kroger Company Charitable Trust for the Food Industry Professorship Fund.
23. \$3,000.00 from The National Scholarship Trust Fund of the Education Council of the Graphic Arts Industry, Inc., Pittsburgh, Pennsylvania, for the Western Publishing Company Fellowship Fund.
24. \$3,000.00 from Tektronix Foundation for the Tektronix Ceramic Fellowship Fund.
25. \$3,000.00 from the Trust under the Will of Emerson S. Zuck for the Emerson S. and Lucy Zuck Fund.
26. \$2,350.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
27. \$2,022.37 from Mr. Milton Staub for the Ophthalmologic Center Fund.
28. \$2,000.00 from The Lazarus Store Foundation, (In the name of Fred Lazarus, Jr.), for the Student Athlete Grant-in-Aid Fund.
29. \$2,000.00 from Mr. and Mrs. Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
30. \$1,740.60 from Antique Show Receipts, (In the name of Jay L. Failer), for the Presidents Club Special Fund.

December 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

31. \$1,500.00 from Ronald W. Thompson for the Ronald W. Thompson Fund for Engineering.
 32. \$1,100.00 from Christian E. Burckel & Associates, (In the name of Christian E. Burckel), for the Ronald B. Thompson Special Fund.
 33. \$1,000.00 from Agency Maintenance, (In the name of William Hoyer), for the Insurance Hall of Fame Seminar Room Fund.
 34. \$1,000.00 from A. B. "Dolly" and Ralph Cohen Foundation, (In the name of Mrs. A. B. Cohen), for the Woody Hayes Fund.
 35. \$1,000.00 from Forest City Obedience Training Club, Inc., Willoughby, Ohio, for the Fred Diebold Memorial Fund.
 36. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
 37. \$1,000.00 from I. A. Associates, Inc., (In the name of William B. Campbell), for the X-Ray Diffraction Laboratory Fund.
 38. \$1,000.00 from Mr. Walter H. Kidd for the Walter H. Kidd Engineering Discretionary Fund.
 39. \$1,000.00 from Marathon Oil Foundation, Inc., Findlay, Ohio, for the Faculty of Finance - Marathon Oil Foundation, Inc.
 40. \$1,000.00 from Dr. Julian B. Woelfel for the Dentistry Centennial Fund.
 41. \$1,000.00 from Forest View Company, (In the name of Harold F. Zieg), for the Department of Athletics Discretionary Fund.
- TOTAL - Received Through The Ohio State University Development Fund -
\$1,131,876.68

C. Amendment to the Description for the Use of the Lynn F. Jennings Memorial Fund

Upon the request of the committee which represented the donors and which is to be consulted concerning the expenditures of the annual income from the Lynn F. Jennings Memorial Fund, President Fawcett recommended that the description of the fund as recorded in the January 12, 1959 minutes of the Board of Trustees be amended to read as follows:

December 11, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Amendment to Description for the Use of
the Lynn F. Jennings Memorial Fund (continued)

Lynn F. Jennings Memorial Fund

The Lynn F. Jennings Memorial Fund was established December 4, 1958, by gifts through the Development Fund from family and friends of Lynn F. Jennings, in his memory.

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 scholarship purposes, at the discretion of the Chairman of the Department of Dairy Technology.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Department of Dairy Technology 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 dairy technology.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts, the establishment of the above-named funds and the amendment to the description for the Lynn F. Jennings Memorial Fund 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 October, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,696	\$ 201,843.39
Individuals other than alumni	396	15,379.38
Business concerns	21	42,457.60
Nonprofit organizations	<u>34</u>	<u>1,204,866.66</u>
	3,147	\$1,464,547.03

Of these gifts, 1,967 totaling \$20,900.95 were undesignated and 1,180 totaling \$1,443,646.08 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. McPherson Chemical Laboratory - Library Renovation

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$43,339.00	\$43,539.00	\$200.00

Funds for this project were provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801177 (McPherson Lab Remodeling).

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

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VI. PLANS AND SPECIFICATIONS

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

A. University Hospital - Ventilation System Improvements to 2nd Floor and 3rd Floor East

This project will provide individually controlled "through the wall" air conditioning-ventilating units at windows where feasible for the project area.

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

B. Parking Ramp - Medical Area

This project will be located in the Medical Center area and will have five complete parking floors accommodating 1,021 cars plus a helicopter landing deck.

Funds for the portion of the project which is for parking have been provided in Budget Account 801031 (Parking Ramp - Medical Area) and for that portion of the project which is the helicopter landing deck from the University Hospital Rotary.

VI. PLANS AND SPECIFICATIONS (continued)

C. Telephone Duct System Expansion

This project provides University-owned underground telephone ducts and manholes to connect the present campus telephone system to the new Ohio Bell Telephone Company Exchange. This will save operating funds on a continuing basis because of lower phone rates which will prevail. Additionally, the University gains the space in the new Service Building currently occupied by the present Telephone Exchange.

Funds for this project have been transferred from Item 235-015 (Board of Regents - Utilities and Renovations) to Item 315-074 Utilities and Renovations, H. B. 531.

D. Sisson Hall - Air Conditioning of Animal Holding Area

This project will provide ventilation, humidification and temperature control to Rooms 333, 335, 231, 233 and 233B the animal holding areas of Sisson Hall.

Funds for this project have been provided from Budget Account 129290 Veterinary Medicine Improvements.

E. University Hospital - Installation of Chilled Water System for Nurse Stations and Food Service Areas, 6th Through 11th Floors

This project will provide individually controlled fan coil units for air conditioning (and heating where rooms have outside walls) in nursing stations and food service areas.

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

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

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VII. REPORT OF AWARD OF CONTRACTS

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

December 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

A. Health Sciences Library

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 11-19-69)		
Robert W. Setterlin & Sons Company (Columbus, Ohio)		
Base bid	\$2,081,000.00	\$1,856,960.00
Alt. G-1 Vinyl fabric interior of exterior walls	18,500.00	41,850.00
Total Contract	<u>\$2,099,500.00*</u>	<u>\$1,898,810.00</u>
 <u>Plumbing Contract</u>		
(8 bids received 11-19-69)		
O'Brien Company (Worthington, Ohio)		
Base bid	<u>\$ 127,000.00*</u>	<u>\$ 112,910.00</u>
 <u>Heating, Ventilating and Air Conditioning Contract</u>		
(8 bids received 11-19-69)		
Limbach Company (Columbus, Ohio)		
Base bid	\$ 694,850.00	\$ 727,000.00
Alt. H-3 Substitution for housing	(6,000.00)	N/C
Total Contract	<u>\$ 688,850.00</u>	<u>\$ 727,000.00</u>
 <u>Electrical Contract</u>		
(6 bids received 11-19-69)		
McCarty Brothers Electric Co. (Columbus, Ohio)		
Base bid	<u>\$ 375,900.00</u>	<u>\$ 443,130.00</u>
 <u>Book Storage and Retrieval System</u>		
(2 bids received, 1 nonresponsive. 7 "No bids" received. November 28 - December 10, 1969)		
Sperry-Rand Corporation (Herkimer, New York)		
	<u>\$ 811,799.00**</u>	<u>\$ 782,744.00</u>
 <u>Total All Contracts</u>	 <u>\$4,103,049.00</u>	 <u>\$3,964,594.00</u>

Funds have been provided for this project from H. B. 202, H. B. 886,
H. B. 531 and H. B. 828.

*All bids on the General and Plumbing Contracts were over the estimate of cost but it is not believed that better bids could be obtained by re-advertising and therefore award of these contracts to the low bidder was recommended subject to the approval of the State Controlling Board.

**After careful examination it was determined that no better bids would be received by re-advertising.

December 11, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. River Union and Drama Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 12-9-69)		
Knowlton Construction Company (Bellefontaine, Ohio)		
Base bid	\$2,810,000.00	\$2,817,500.00
Alt. G-14 Grid deck over experi- mental theater	8,700.00	10,000.00
Total Contract	<u>\$2,818,700.00</u>	<u>\$2,827,500.00</u>
<u>Plumbing Contract</u>		
(2 bids received 6-13-69)		
Sauer, Inc. (Columbus)		
Base bid	\$ 213,370.00	\$ 168,451.00
Alt. P-2 Additional sprinkler system	4,000.00	7,000.00
Total Contract	<u>\$ 217,370.00*</u>	<u>\$ 175,451.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(4 bids received 6-13-69)		
Julian Speer Company (Columbus)		
Base bid	<u>\$ 490,500.00</u>	<u>\$ 497,822.00</u>
<u>Electrical Contract</u>		
(3 bids received 6-13-69)		
Mid-City Electric Company (Columbus)		
Base bid	<u>\$ 397,800.00*</u>	<u>\$ 361,152.00</u>
<u>Kitchen Equipment Contract</u>		
(2 bids received 6-13-69)		
Foremost-McKesson (Cleveland)		
Base bid	<u>\$ 41,917.00</u>	<u>\$ 46,140.00</u>
<u>Total All Contracts</u>	<u>\$3,966,287.00</u>	<u>\$3,908,065.00</u>

Funds have been provided for this project from H. B. 202, H. B. 886, H. B. 828, Office of Education (Federal Grant - Title I), Federal Recoveries and funds transferred from the General Reserve Fund to B/A 801083 (River Union and Drama Facilities).

*All bids on the Plumbing and Electrical Contracts were over the estimate of cost but it is not believed that better bids could be obtained by re-advertising and therefore award of these contracts to the low bidder was recommended subject to the approval of the State Controlling Board.

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

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplished the following purpose:

The Ohio State University

- 1 Approves the purchase of property located on the Marysville-Milford Center Road (State Routes 4 and 36) and known as the Andreas Farm to be used for a complete and operational facility for a veterinary medicine practice at a price of \$135,000.00, funds to be provided from the Veterinary Clinic Rotary.
- 7 Approves the award of the Electrical Contract to the low bidder for the project "Comparative Medical Teaching and Research Facility" notwithstanding the fact that it was above the estimate of cost and releases \$3,404,945.00 from Item 315-028, H. B. 828, to provide for the construction.
- 9 Approves the release of \$930,720.00 from Item 315-068, H. B. 531, for the acquisition of lands conterminous with property owned by the University at Don Scott Field.

The Ohio Board of Regents

- 10 Approves the transfer of \$240,000.00 from Item 235-010 Architectural Planning, H. B. 531, to Item 315-064 Journalism Building Replacement (\$120,000.00) and Item 315-072 Dental Building, Phase II, (\$120,000.00), H. B. 531, and releases these amounts for architectural planning.
- 13 Approves the transfer of \$2,000,000.00 from Item 235-105 Utilities and Renovation, H. B. 531, to Item 315-074 Utilities and Renovation, H. B. 531, and releases \$160,000.00 for architectural planning.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Journalism Building Expansion - Employment of Architects

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

The award of contracts and complete supervision of construction are not included at this time, but it is understood that these additional services may be added in accordance with the standard fee schedule when funding is complete.

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

A. Journalism Building Expansion - Employment of Architects (continued)

The fee is 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. Funds have been provided from Item 315-064 (Journalism Building Replacement), H. B. 531, and Item 235-010 (Board of Regents - Architectural Planning), H. B. 531.

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

B. Campus Loop Road - Employment of Engineers

A section of the Campus Loop Road extending to Stadium Drive on the north and to the vicinity of Coffey Road on the south parallels the new alignment of the Olentangy River Expressway. Because it is contiguous to and part of the general engineering of the Expressway, it was generally agreed by the Department of Highways and The Ohio State University that the engineers for the Expressway, E. S. Preston and Associates, Ltd., be appointed as the engineers for the Campus Loop Road, the intersections pertaining thereto and the attendant changes required in the alignment of Stadium Drive between Fyffe Road and Kenny Road including such structures as are required under the railroad.

President Fawcett recommended therefore that E. S. Preston and Associates, Ltd., be appointed for this work on a cost plus fixed fee basis with the total charge not to exceed \$60,000.00. Funds have been provided in Budget Account 801219. This account will be provided by the State of Ohio from compensation for properties taken for the new Olentangy River Expressway right-of-way.

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

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Carl R. Blue, Instructor, Cooperative Extension Service, College of Agriculture and Home Economics; Cecil Ernest Boord, Professor Emeritus, Department of Chemistry; Ray A. Linville, Associate Professor (Extension Agronomist), Cooperative Extension Service, College of Agriculture and Home Economics; William H. Palmer, Professor Emeritus, Cooperative Extension Service, College of Agriculture and Home Economics; Johannes Friedrich Schwar, Professor of Civil Engineering and Director of the Transportation Research Center; Harold E. Shoemaker, Associate Professor (Extension Agronomist), Cooperative Extension Service, and Associate Professor, Department of Agronomy, College of Agriculture and Home Economics; and J. Robert Tompkin, Professor, Department of Agricultural Economics and Rural Sociology. 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.

December 11, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Carl R. Blue

The Board of Trustees expresses its sorrow at the death on November 5, 1969, of Carl R. Blue, Instructor, Cooperative Extension Service, College of Agriculture and Home Economics.

Mr. Blue was born December 29, 1933, on his father's farm near Mt. Vernon, Ohio. He received his Bachelor of Science degree in Agriculture from The Ohio State University in 1955 and his Master of Science degree in Agricultural Economics in 1964.

Mr. Blue served in the United States Army from 1955 to 1957. He was appointed to the County Staff of the Ohio Cooperative Extension Service, College of Agriculture and Home Economics, as Instructor and Associate County Extension Agent in Trumbull County in November 1957. He transferred to Portage County in 1963 as County Agricultural Agent. He joined the Area Extension Staff of the Cooperative Extension Service as an Area Extension Agent, Farm Management, in January 1965. In his capacity as Area Agent in Farm Management, Mr. Blue was responsible for the farm management program in ten counties served by the Washington Court House Center.

Mr. Blue was a member of the Epsilon Sigma Phi - Alpha Eta Chapter, and participated in many In-Service Training Conferences. In Washington Court House he was President of the Union P. T. O., President of the Kiwanis Club, member of the Church Board of Grace Methodist Church and Sunday School teacher for an adult class.

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. Cecil Ernest Boord

The Board of Trustees expresses its sorrow at the death on November 3, 1969, of Cecil Ernest Boord, Professor Emeritus of Chemistry.

Professor Boord was born in Veedersburg, Indiana, on June 29, 1884. He obtained his undergraduate education at Wabash College in Indiana, graduating with an A. B. degree in 1907. He entered graduate school on a Fellowship at The Ohio State University in 1907. Here he studied chemistry with the late Professor William McPherson and earned the A. M. degree in 1909 and the Ph. D. degree in 1912. He remained at Ohio State as an Instructor, was advanced to the rank of Assistant Professor in 1914 and Professor in 1924. In 1951 he was promoted to the highest faculty rank at that time, namely Research Professor. He held this position until his retirement as Professor Emeritus in 1954.

December 11, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Cecil Ernest Boord (continued)

During his career at Ohio State, Professor Boord became known internationally for his research in hydrocarbon chemistry. This work started during World War I when the need for higher quality motor fuels for automotive and aviation vehicles became critical. Professor Boord and his students began study of methods of synthesis of pure hydrocarbons, particularly of olefins, then relatively inaccessible and poorly known. Much of his work--the basis for numerous masters' theses and doctoral dissertations--dealt with the development of the bromo-ether synthesis, perhaps best known of Professor Boord's discoveries.

By 1938, Professor Boord had organized and become director of the now famous hydrocarbon research project on the campus, under the auspices of the American Petroleum Institute. His scientific contributions through this project included methods of synthesis and analysis of the hydrocarbons which make up petroleum and petroleum products. Through the synthesis of practical amounts of many pure compounds, he also opened up avenues of research for other chemists in related fields.

In scientific and industrial circles, Professor Boord earned the titles of "dean of hydrocarbon chemistry" and "designer and builder of gasolines" through his long years of pioneering research in the synthesis and testing of the hydrocarbon components of gasoline. Both designations emphasize the fundamental as well as the practical significance of his contributions. The work of Boord and his students was quickly recognized by the petroleum industry and speeded the development of processes for production of aviation gasoline, the "high octane" which gave allied fliers a winning edge in the battles of North Africa and of Britain in World War II. In 1951 the leaders of the petroleum industry invited Professor Boord to present the results of his hydrocarbon research at the 3rd World Petroleum Congress held at The Hague, Netherlands.

In 1955 the University presented to Professor Emeritus Boord the Joseph Sullivant Medal, one of the highest honors the University can bestow, in recognition of "notable achievement" in the arts and sciences by an alumnus or a faculty member.

A distinguished teacher as well as a research scientist, Dr. Boord gave counsel and direction to 81 candidates for the doctoral degree and 104 for the master's degree during his years on campus. Thousands of other former students remember him as a lucid lecturer, a deep thinker, a patient and understanding counselor.

During his lifetime he wrote numerous scientific papers for publication in journals, magazines and collective volumes. He co-authored a laboratory manual in organic chemistry that achieved wide use. He helped invent and develop the teaching aid known as "Molecular Models," the first and still the best known of its kind.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Cecil Ernest Boord (continued)

He was a member of Sigma Xi, Phi Beta Kappa, Phi Lambda Upsilon, American Association for the Advancement of Science, American Chemical Society, American Petroleum Institute, The Ohio Academy of Science, The New York Academy of Science (Fellow), The O.S.U. Faculty Club, Torch Club and Indianola Presbyterian Church.

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.

C. Ray A. Linville

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 13, 1969, of Ray A. Linville, Associate Professor (Extension Agronomist), Cooperative Extension Service, College of Agriculture and Home Economics.

Mr. Linville was born June 16, 1921, in Urbana, Ohio. He was graduated from Salem High School in 1939. He attended The Ohio State University receiving the Bachelor of Science degree in 1949 and the Master of Science degree in 1950. He served as Laboratory Assistant in the Chemistry Department as an undergraduate, and as Assistant Agronomist (Soil Testing) after receiving his bachelor's degree. Mr. Linville was author of several publications on soil testing, soil and plant analysis and helped design and implement the first complete digital readout system in a soil testing laboratory. He served on the faculty since 1951 in the agronomy extension service.

During his busy career in soil testing and analysis, he found time to serve on numerous committees in the American Society of Agronomy, Soil Science Society of America and the Aircraft Owners and Pilot Association. He was a member of Epsilon Sigma Phi, Sigma Xi and Gamma Sigma Delta.

Those who knew Mr. Linville admired his dedication to his work and his integrity and the articulate manner in which he supervised the rapidly expanding soil testing program.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Linville 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.

X. RESOLUTIONS IN MEMORIAM (continued)

D. William H. Palmer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 15, 1969, of William H. Palmer, Professor Emeritus, Cooperative Extension Service, College of Agriculture and Home Economics.

Mr. Palmer was born in Fairfield County on July 9, 1882. He received his Bachelor of Science degree from The Ohio State University in 1905 and his Master's degree in animal husbandry in 1907. After operating his home farm, he returned to Ohio State as an animal husbandry specialist in 1912. He became the first State 4-H Leader in 1916 and served in that capacity until his retirement from the Cooperative Extension Service in 1952.

During his thirty-five years as State 4-H Leader the boys and girls club program developed into an active 4-H program in each of Ohio's eighty-eight counties. The Ohio 4-H Club Congress, Ohio 4-H Foundation and the State 4-H Advisory Committee all were developed during his active years of service. Camp Palmer, 4-H camp in Fulton County, was named in his honor in 1948. He received national recognition for his achievements through the National 4-H Center. The Ohio Room in the National 4-H Center was dedicated in his honor, with his portrait prominently displayed at this National 4-H Center.

Mr. Palmer had a strong belief in the use of voluntary 4-H advisors. He thoroughly believed that active, voluntary 4-H advisors, trained by the Extension Service staff, would make a strong youth program in Ohio, and time has proved him right.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Palmer 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.

E. Johannes Friedrich Schwar

The Board of Trustees expresses its sorrow at the death on November 9, 1969, of Johannes Friedrich Schwar, Professor of Civil Engineering and Director of the Transportation Research Center.

Dr. Johannes Schwar was born in Dorfilm in the province of Thuringia, Germany, on April 14, 1925. His family moved to South Africa in 1928 and it was there that he received his early education, culminating in a bachelor's degree in engineering from the University of Stellenbosch in 1949.

Subsequently, employed by the South African Department of Transport as a road engineer, he attended Yale University under an International Road Federation Fellowship in 1952-53, receiving an award as the outstanding IRF Scholar of that year. Upon his return to South Africa he served with the Department of Transport as a traffic engineer until 1958 when he came

X. RESOLUTIONS IN MEMORIAM (continued)

E. Johannes Friedrich Schwar (continued)

again to the United States as a graduate student at Northwestern University. From that school he received a master's degree in 1959 and a doctorate in 1961.

Dr. Schwar was appointed Assistant Professor of Civil Engineering at The Ohio State University, September, 1961, promoted to Associate Professor in 1964 and to full Professor in 1966. In 1962 he became Director of the Transportation Research Center and shortly thereafter became actively engaged in promoting the creation of a very large transportation research center which would permit extensive full scale testing of both transportation hardware and of novel ideas in the field of transportation. His enthusiasm for this development was infectious and eventually the concept received the support of highway administration officials in Ohio and the Governor of Ohio. With the appropriation of state funds, acquisition of a large tract of land has been accomplished and planning of the facility is being carried out actively. Fate was indeed unkind to have denied him the ultimate satisfaction of seeing his dream translated into tangible test facilities of a scope unequaled elsewhere in the world.

Johannes Schwar contributed extensively to the research and educational literature in the field of transportation and traffic and was held in high esteem by the many graduate students whom he advised. However, it was his engaging personality and genial nature that endeared him to his many friends and also enabled him to distinguish himself in diplomatic liaison between the University research personnel and various sponsors of research efforts. To this task he brought an unusual combination of technical competence, good judgment, equanimity and tact.

Dr. Schwar was a member of several professional societies, including the American Society of Civil Engineers, American Road Builders Association, Institute of Traffic Engineers and served on national and state technical committees dealing with traffic and traffic safety. He had served as Chairman of Committee TO-7 "Quality of Traffic Service" of the Highway Research Board since 1967. Yet his greatest satisfactions seemed to come from teaching and he often observed that teaching was what he most wished to do. The University has lost an energetic, progressive scholar; society an aware and concerned citizen; and his profession a competent and creative practitioner.

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.

F. Harold E. Shoemaker

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 13, 1969, of Harold E. Shoemaker, Associate Professor (Extension Agronomist), Cooperative Extension Service, and Associate Professor in the Department of Agronomy, College of Agriculture and Home Economics.

December 11, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. Harold E. Shoemaker (continued)

Dr. Shoemaker was born January 25, 1924, in Phoenix, Arizona. He was graduated from the Phoenix Union High School in 1941 and served in the Air Force from 1943 to 1946. In 1950 he received his Bachelor of Science degree from Arizona State University. He came to Ohio as a Research Fellow in 1951 to continue graduate work in agronomy, receiving his Master of Science degree in 1952 and his Ph.D. degree in 1959. Prior to his employment as Extension Agronomist in 1953 he was with the Ohio Agricultural Research and Development Center at Wooster. He assumed leadership in the soil fertility and lime aspects of the total Extension Agronomy program in Ohio. In addition, he taught a soil management course in the Department of Agronomy. He was author of several soil fertility bulletins and articles in scientific journals, trade journals and popular publications.

During his busy career in soil fertility education, he found time to develop effective visual aids to carry out programs in all areas of the state. He served on numerous committees in the American Society of Agronomy, the Soil Science Society of America, the International Society of Soil Science and was Secretary of the Ohio Soil Fertility Education Society. Dr. Shoemaker was a member of Epsilon Sigma Phi, Gamma Sigma Delta and the Ohio Extension Professors Association.

Those who knew Dr. Shoemaker admired him for his dedication to his work, his enthusiasm in teaching and for the sincere efforts exhibited to make his teaching more effective. He was an active and loyal team member in every group in which he participated.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Shoemaker 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.

G. J. Robert Tompkin

The Board of Trustees expresses its sorrow at the death on November 19, 1969, of J. Robert Tompkin, Professor of Agricultural Economics and Rural Sociology.

Professor Tompkin was born in Fargo, North Dakota, August 5, 1916. He received his Bachelor of Science degree in Agricultural Economics from Iowa State University in March 1943. Following graduation he spent one year as a supervising statistician for the United States Department of Agriculture, Agricultural Marketing Service, in Des Moines, Iowa, and two years as chief statistician for Lapant-Choate Manufacturing Company of Cedar Rapids, Iowa. He served as a Lieutenant (j.g.) for the U. S. Navy in the Pacific Theatre from 1944 to 1946. Upon his return, he entered the graduate school at the University of Illinois and received his Master of Science degree in 1947. His doctorate degree was earned at Iowa State University in the field of Agricultural Economics and was completed in 1950.

X. RESOLUTIONS IN MEMORIAM (continued)

G. J. Robert Tompkin (continued)

In September 1950 he was appointed Assistant Professor of Agricultural Economics at the University of Wyoming. He accepted the responsibility of directing the department's graduate program and introduced several new graduate courses during the five years he spent at Laramie. He carried on important research activities throughout the state and counted most of the large ranchers as close friends. He accepted an appointment with the Economic Research Service of the United States Department of Agriculture and was assigned to work in cooperation with The Ohio State University in January 1956. He soon was asked to teach graduate courses, chair important committees and counsel graduate students. He became a very active participant in research projects of the Ohio Agricultural Research and Development Center and The Ohio State University Research Foundation. He spent two years in Brazil where he served as a special consultant to the Secretary of Agriculture of the State of Sao Paulo. He also taught courses and conducted seminars in their native language, Portuguese.

Dr. Tompkin always maintained a vital interest in research methodology. He constantly challenged the graduate students that he advised to use the best and seek out new techniques of carrying out research. He helped develop new applications of linear programming to farm management decision making. He was intensely interested in helping farmers caught in the cost-price squeeze make sound adjustments in their farming plans.

Professor Tompkin was author or co-author of over 100 publications in the field of farm management, taxation, appraisal, policy, tenure, farm organization, farm adjustment, farm income, statistics and credit. He was a member of the American Agricultural Economics Association, the Ohio Society of Farm Managers and Rural Appraisers, Gamma Sigma Delta and Phi Kappa Phi.

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

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XI. REPORT

A. Report on the University's Investment Portfolio

The report dated December 10, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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December 11, 1969 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, February 12, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Page 298 Blank

APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 19, 1969

Page 300 Blank

The Recipient of the Honorary Degree

EDWARD A. HOBART

Doctor of Science

Engineer of unusual capabilities, scientist, inventor, industrial organizer, civic leader, and one of the great pioneers of the welding industry

Edward A. Hobart, President and Chairman of the Board of the Hobart Brothers Company of Troy, Ohio, has made the Hobart name synonymous with industrial progress.

The pioneering work he did as a young man resulted in 34 significant patents and formed a basis for products and product development for the new company which he founded with his brother.

In World War II, he served his country in the development of portable welding equipment, power units for anti-aircraft gun implacements, radar power units as well as power units for the Early Warning Radar line. As the aviation industry grew, mobile ground power equipment was needed, first for internal engines and then for jet engines. Mr. Hobart's leadership and his work insured that such equipment was developed.

The welding field captured Mr. Hobart's principle interest, and with his associates, he devoted his attention to the task of advancing this new field. Soon he realized that if the industry were to grow it would require not only equipment to obtain the welding arc but also new kinds of electrodes.

The Korean War, however, caused a shortage of rutile, a basic component of electrode manufacturing. Mr. Hobart's response was to develop a process for the separation of rutile from Florida sands, work for which he was awarded three patents and from which evolved a new mining venture which he helped to organize. Today, because of his efforts, the United States is independent of overseas sources of rutile, a material useful in many industries.

A shortage of welding operators prompted him to begin a trade school which later grew into a modern technical institute. As the Hobart organization expanded, he designed and constructed its facilities. The influx of many new people to local industry created a shortage of suitable housing and recreational facilities in the small town of Troy. Mr. Hobart personally developed several subdivisions which provided more than one thousand homes in pleasant surroundings and assisted in the development of public parks, a stadium, and other recreational facilities valued at more than one million dollars.

Edward A. Hobart has been quick to identify the challenges facing our country and has responded creatively to meet the problems of change with effective solutions.

The Ohio State University is privileged to honor this distinguished alumnus for his many contributions to his fellow man.

Page 302 Blank

Graduate School

Dean: Richard Armitage, Ph.D.

Doctor of Philosophy

One hundred and fifty-six candidates

Barbara MacPhail Abma, Springfield
B.A., M.A. (Michigan State University)
Dissertation: Changes in Construction of Parent and Child Figures following Enactment; Playing a Role
Field of Specialization: Psychology

Melvin Albaum, New York, N. Y.
A.B. (Hunter College); M.S. (University of Wisconsin)
Dissertation: An Analysis of Human Fertility Behavior in Spatial Sub-Systems of Turkey
Field of Specialization: Geography

Omer Cevat Alkan, Tekirdag, Turkey
B.S. (Teachers College, Turkey); M.S. (Stout State University)
Dissertation: A Proposed Cooperative Vocational Education Program for Trade and Industrial Occupations in Turkey
Field of Specialization: Education

Harry Ellis Allen, Jacksonville, Fla.
B.A. (Stetson University); M.A. (Vanderbilt University)
Dissertation: Bio-Social Correlates of Two Types of Anti-Social Sociopaths
Field of Specialization: Sociology

Wajjiraransi Saddhani Alles, Govnoruvu, Ceylon
B.Sc. (University of Ceylon); M.S. (University of Michigan)
Dissertation: Plant Factors Affecting Beta Gauging of Leaf Water Status
Field of Specialization: Agronomy

Richard Aston, Wilkes-Barre, Pa.
B.S., M.S. (Pennsylvania State University)
Dissertation: An Investigation of Pattern Commonality in the Instrumentation of Tactile Displays of Vowel Spectra
Field of Specialization: Electrical Engineering

Harry Jack Ausmus, Cheshire, Conn.
B.A. (East Tennessee State University); B.D. (Drew University); M.A. (East Tennessee State University)
Dissertation: Christoph of Württemberg's Attempts to Unify Protestantism: 1553-1568
Field of Specialization: History

William Lewis Baker, Columbus
B.S., M.S.
Dissertation: The Investigation of States in 170 between 8.6 and 10.1 MeV via Neutron Polarization Measurements for the $^{13}\text{C}_{n,n}^{170}$ Reaction
Field of Specialization: Physics

Abdul Kabir Abdul Bashir, Wah Cantt, West Pakistan
B.Sc., M.Sc. (University of Panjab)
Dissertation: Ion Cyclotron Heating of a Hydrogen Plasma by Two-Phase Excitation
Field of Specialization: Physics

Robert James Baum, Springfield, Ill.
B.A. (Northwestern University)
Dissertation: George Berkeley's Philosophy of Mathematics
Field of Specialization: Philosophy

Charles William Beegle, Columbus
B.S. in Edu., M.A.
Dissertation: A Theoretical Construct for Selection of Content in Supervision of Instruction Training
Field of Specialization: Education

Abdel-Hamid Ben-Tchikou, Algiers, Algeria
B.S., M.S. (University of Southern California)
Dissertation: On the Karhunen-Loeve Expansion
Field of Specialization: Electrical Engineering

William Frederick Bentz, Covington
A.B. (University of Cincinnati); M.Acc.
Dissertation: The Measurement of Common Stock Price Relative Uncertainty: An Empirical Study
Field of Specialization: Accounting

Kashi Ramamurthi Bilwakesh, Madras, India
B.Sc. (Banaras Hindu University)
Dissertation: Thermal Decomposition of Hydrogen Peroxide Vapor at Elevated Temperatures behind Incident and Reflected Shock Waves
Field of Specialization: Aeronautical and Astronautical Engineering

Karen Stein Block, Southington
B.S.Ed. (Kent State University); M.A.
Dissertation: Hypothesis Sampling and Dimension Selection Models of Concept Identification for Problems with Ternary Dimensions
Field of Specialization: Psychology

Norman Lee Boling, Akron
B.S. (University of Akron)
Dissertation: Investigation of a Low-Power MPD Arc
Field of Specialization: Physics

Charles William Bousliman, Boise, Idaho
A.B. (Carroll College); M.A.
Dissertation: The Mabel Tainter Memorial Theatre: A Pictorial Case Study of a Late Nineteenth-Century American Playhouse
Field of Specialization: Theatre

Hugh Eisenhart Boyer, Brooklyn, N. Y.
A.B. (Columbia University); M.A.
Dissertation: The Growth of the Fear of France in the Reign of Charles II
Field of Specialization: History

Chandra Sekhar Brahma, Calcutta, India
B.E. (Calcutta University); M.S. (Michigan State University)
Dissertation: Analysis of Granular Soil Deformation as a Stochastic Process
Field of Specialization: Civil Engineering

Andrew Henry Breiner, Cincinnati
B.S. in Edu., M.A.
Dissertation: A Comparison of High School and College Athletes on Selected Physiologic and Anthropometric Variables
Field of Specialization: Physical Education

David Evan Brown, Potsdam, N. Y.
B.A.
Dissertation: The Political and Social Thought of Lewis Corey
Field of Specialization: Political Science

- *Nickson Randolph Brubaker, Columbus
B.A., M.S. (Miami University)
Dissertation: The Velocity of Second Sound and the Inertial Mass of He³ in He³-He⁴ Mixtures
Field of Specialization: Physics
- Robert Allen Buckwald, Minneapolis, Minn.
B.Physic (University of Minnesota)
Dissertation: Dense Plasma Focus Formation by Disk Symmetry
Field of Specialization: Physics
- Evan Burr Bukey, Cincinnati
B.A. (Ohio Wesleyan University); M.A.
Dissertation: The Guelph Movement in Imperial Germany, 1866-1918
Field of Specialization: History
- Fred Ray Butcher, Georgetown
B.S.
Dissertation: Influence of Effector Substances on Selected Aspects of Thyroid Metabolism
Field of Specialization: Biochemistry
- David Norman Camaione, Newington, Conn.
B.S. in Edu., M.A.
Dissertation: A Comparison among Three Tests for Measuring Maximal Oxygen Consumption
Field of Specialization: Physical Education
- Marvin Samuel Cannon, Toledo
B.S., M.S. (University of Toledo)
Dissertation: A Morphological, Cytochemical and Statistical Approach to the Classification of Lymphocytes
Field of Specialization: Anatomy
- Robert Morrison Carroll, Albuquerque, N. Mex.
B.S. (University of New Mexico); M.A.
Dissertation: A Monte Carlo Comparison of Nonmetric Multidimensional Scaling and Factor Analysis
Field of Specialization: Psychology
- John Gabriel Chidaine, Toronto, Ont., Canada
B.A., M.A. (University of Arizona)
Dissertation: A Patois of Saintonge: Descriptive Analysis of an Idiolect and Assessment of Present State of Saintongeais
Field of Specialization: Romance Languages
- Thomas George Cleaver, Cleveland
B.S.E.E. (Case Western Reserve University); M.S.
Dissertation: Spatial Transfer Functions of the Visual System at Detection Threshold
Field of Specialization: Biophysics
- James Harris Constable, Dayton
B.S. in Phys., M.S.
Dissertation: Relaxation Studies of Low Ortho Concentration Solid Hydrogen at Very Low Temperatures
Field of Specialization: Physics
- Phillip Eugene Cornwell, Columbus
B.S. in Edu.
Dissertation: Evidence for an Alternate Pathway of Pteridine Biosynthesis in Purine Requiring Mutants of *Escherichia coli* and *Salmonella typhimurium*
Field of Specialization: Medical Microbiology
- Wesley Blanke Crow, Fairborn
M.E. (University of Cincinnati); M.S. in Met.Engr. (Air Force Institute of Technology)
Dissertation: Diffusion of Cobalt, Nickel, and Iron in Cobalt Oxide and Nickel Oxide
Field of Specialization: Metallurgical Engineering
- Kermit George Cudd, Worthington
B.A., M.A. (University of Wisconsin)
Dissertation: Latent Social Roles as a Determinant of Referents for Equitable Salary Comparisons
Field of Specialization: Business Organization
- Louis Morris Cunningham, New Concord
A.B. (Capital University); M.A.
Dissertation: Approaches to Counseling/Psychotherapy: A Selective Examination for School Counseling
Field of Specialization: Education
- David Alan Dalby, Benton, Ill.
B.A. (Southern Illinois University); M.A.
Dissertation: Effect of Septal Lesions on the Acquisition of Two Types of Active Avoidance Behavior in Rats
Field of Specialization: Psychology
- Lauren William Dauernheim, Cape Girardeau, Mo.
A.B. (Washington University); M.A. (University of Arizona)
Dissertation: Synthesis of Alkylated Benzenes and Lithium Aluminum Hydride Reduction of 1,3-Dihalides
Field of Specialization: Chemistry
- John Franklin Davies, Akron
B.S. in Soc. Adm., M.A. in Soc. Adm.
Dissertation: Differential Perceptions of Delinquent Behavior
Field of Specialization: Sociology
- Emilio De Grazia, Dearborn, Mich.
A.B. (Albion College); M.A.
Dissertation: The Life and Works of George Lippard
Field of Specialization: English
- John Peter Durham, Oxford, England
B.A. (University of Oxford)
Dissertation: Deoxycytidine Kinase: The Isolation, Nucleotide Modulation of Activity and Kinetic Properties of the Enzyme from Calf Thymus and its Distribution and Function in Mammalian Tissues
Field of Specialization: Biochemistry
- Charles Gary Echelbarger, Findlay
B.A., M.A.
Dissertation: Wilfrid Sellars' Philosophy of Mind
Field of Specialization: Philosophy
- Richard Frank Eizember, Garfield Heights
B.S. (Baldwin-Wallace College); M.S.
Dissertation: The Photochemical and Thermal Reactivity of Selected Medium-Ring Ketones and Olefins
Field of Specialization: Chemistry
- Yilmaz Esensoy, Ankara, Turkey
M.Ag. (University of North Carolina)
Dissertation: Domestic and Export Demand for U.S. Cigarette Tobacco
Field of Specialization: Agricultural Economics and Rural Sociology

*Degree granted in cooperation with Miami University

- Roger Stanton Fager, Cross River, N. Y.
B.S. (Carnegie-Mellon University)
Dissertation: Studies of the Separation of the Isozymes of Mushroom Tyrosinase by Electrophoresis
Field of Specialization: Physiological Chemistry
- Barry Philip Fairand, Columbus
B.S. (LeMoyne College); M.S. (University of Detroit)
Dissertation: Fast Neutron Sputtering from Polycrystalline and Monocrystalline Gold Crystals
Field of Specialization: Physics
- Allison Foulds Fentiman, Jr., Columbus
B.S. (Muskingum College); M.S.
Dissertation: Aryl Delocalization vs. Neighboring Group Participation
Field of Specialization: Chemistry
- Marilyn Ruth Fenton, Salem
B.S. (Capital University); M.S.
Dissertation: Characterization of Acid Phosphatase Isozymes from Human Erythrocytes
Field of Specialization: Physiological Chemistry
- Lewis Thomas Fitch, Charleston, S. C.
B.S. in E.E. (Duke University); M.S. (North Carolina State University at Raleigh)
Dissertation: A Survey between 0° and 20° North Declination Using The Ohio State University Radio Telescope at 612, 1415, and 2650 MHz
Field of Specialization: Electrical Engineering
- Bruce Clayton Flack, Westerville
B.A. (Otterbein College); M.A.
Dissertation: The Work of the American Youth Commission, 1935-1942
Field of Specialization: History
- Ben Vivian Flora, Jr., DeKalb, Ill.
B.S. (Eastern Kentucky University); M.A. (George Peabody College for Teachers); M.S. (University of Illinois)
Dissertation: Development of an Instrument for Assessing Teacher Behavior Characteristics of Teachers of Secondary School Mathematics
Field of Specialization: Education
- Charles Willard Follett, Ashland
B.S. in Edu., M.A.
Dissertation: Student Participation in the Decision Making Process in Colleges and Universities of Ohio
Field of Specialization: Education
- John Edwin Foster, Springfield
B.E.E., M.S.
Dissertation: Electrical Characteristics of the Silicon Nitride-Gallium Arsenide Interface
Field of Specialization: Electrical Engineering
- Memo Froese, Ruthven, Ont., Canada
B.A. (Bethel College); B.D. (Chicago Theological Seminary); M.A.
Dissertation: Patterns of Job-Seeking and Job Mobility among Presbyterian Ministers
Field of Specialization: Sociology
- Milan Fryšćák, Springfield
M.A. (University of California)
Dissertation: The Morphology of Slavic Numerals
Field of Specialization: Slavic Languages and Literatures
- James Gibson Gamble, Akron
B.S., B.A.
Dissertation: RNA and Protein Synthesis in Heart Mitochondria
Field of Specialization: Physiological Chemistry
- Alan Garfinkel, Stillwater, Okla.
A.B., A.M. (University of Illinois)
Dissertation: The Effects of an Enrichment-Oriented Radio Program on Measures of Listening Comprehension and Student Attitude Made in Level II High School Spanish Courses
Field of Specialization: Education
- Lenora Sverdlik Greenbaum, Columbus
A.B. (Hunter College); A.M. (New York University)
Dissertation: Possession Trance as a Factor in Decision Making and Social Change in Sub-Saharan Africa
Field of Specialization: Sociology
- Charles Nelson Greene, Columbus
B.S. in Bus. Adm., M.B.A.
Dissertation: The Development of Role Consensus and its Effect on Evaluation of Performance and Satisfaction within the Managerial Dyad
Field of Specialization: Business Organization
- Richard William Grimm, Columbus
B.S. (Capital University); M.S. (Stanford University)
Dissertation: A Bayesian Decision Analysis of Mathematical Modeling
Field of Specialization: Industrial Engineering
- Steven John Gyuro, Columbus
B.S. in Edu., M.A.
Dissertation: Effectiveness of Research Stimulation in a University Setting
Field of Specialization: Education
- Tran Trong Ha, Saigon, Viet Nam
M.D. (University of Saigon); M.S.
Dissertation: Latent Carcinoma of the Prostate. Incidence, Sites of Origin, Mode of Development and Pathology in a Study of One Thousand Consecutive Autopsies
Field of Specialization: Pathology
- Douglas Fleming Hale, Columbus
B.S., M.S.
Dissertation: Integral Bases in Banach Spaces
Field of Specialization: Mathematics
- Charles Lewis Hall, Kenosha, Wis.
B.S. (Marquette University)
Dissertation: Studies Involving Single Hydrogen-Bridge Boranes
Field of Specialization: Chemistry
- Richard Eugene Hall, Jefferson, S. D.
A.B. (University of South Dakota); M.S.
Dissertation: Molecular Hydride Complexes Containing Aluminum and Boron
Field of Specialization: Chemistry

- Robert Joseph Hart, Pittsburgh, Pa.
B.S. Met. E. (University of Pittsburgh); M.S.
Dissertation: The Effect of Hydrogen Sulfide, Hydrogen Ion Activity and Sulfate Concentration on the Polarization Characteristics of Iron
Field of Specialization: Metallurgical Engineering
- Horace Cyrus Hawn, Columbus
B. Mus., M.A. (John B. Stetson University)
Dissertation: Openness in High Schools and Its Consequent Effect on Behavior among Twelfth Grade Students
Field of Specialization: Education
- Richard Elmer Heikkila, Fairport Harbor
B.A.
Dissertation: Collapse and Solution Phenomena and Their Effects on the Stability of Fatty Acid Monolayers
Field of Specialization: Physiological Chemistry
- William Lewis Henning, Jr., State College, Pa.
B.A. (Swarthmore College); M.S.
Dissertation: An Economic Analysis of Savings and Income in Rural America
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Albert Hern, Cincinnati
A.B. (University of Cincinnati); M.S.
Dissertation: Error Estimates for the Weak Convergence to Certain Infinitely Divisible Probability Distributions
Field of Specialization: Mathematics
- John Burton Hitt, Springfield
B.S. in Ed. (Wittenberg University); M.S.
Dissertation: *In Vitro* Studies on the Uptake and Release of Calcium Ions by Mitochondria from the Calciferous Gland of the Earthworm, *Lumbricus terrestris*
Field of Specialization: Zoology
- Karl Egmond Hoekstra, Gahanna
A.B., M.S. (Miami University)
Dissertation: Crystal Chemical Considerations of the Spinel Structural Group
Field of Specialization: Mineralogy
- Guy Theodore Hogan, Oneonta, N. Y.
A.B. (Talladega College); M.S. (University of Chicago)
Dissertation: Variations on the H_p Problem for Finite p -Groups
Field of Specialization: Mathematics
- Agatha Louise Huepenbecker, Fort Wayne, Ind.
B.S. in H. Econ. (Indiana University); M.S. (Iowa State University)
Dissertation: Pre-Columbian Peruvian Costume: Characteristics and Variations in the Poncho-Shirt
Field of Specialization: Home Economics
- Ronald Carson Huff, Owensboro, Ky.
B.A. (Florida State University); M.A.
Dissertation: Some Effects of Compound Generalized Stimulation along a Wavelength Continuum
Field of Specialization: Psychology
- David Lyn Innes, Fairview Park
B.A. (Ohio Wesleyan University); M.S. (University of Cincinnati)
Dissertation: Estrogen and Progesterone Sensitive Structures in the Limbic System
Field of Specialization: Physiology
- William Edward Jacobus, Solon
B.A. (Ohio Wesleyan University)
Dissertation: Studies on the Mitochondrion. Part I: Passive Cation Binding by Bovine Heart Submitochondrial Particles. Part II: The Role of Oxygen in the Induction of Cytochrome Biosynthesis by *Saccharomyces cerevisiae*
Field of Specialization: Physiological Chemistry
- Patricia Beran James, Euclid
B.A., M.A.
Dissertation: Children's Interpretations of Multi-channel Communications Conveying Verbal and Nonverbal Meanings
Field of Specialization: Psychology
- Marlyn King Jenkins, Kent
B.S. in Edu., M.Ed. (Kent State University)
Dissertation: Contributions of Textile and Clothing Courses to the Goals of General-Liberal and Professional Education
Field of Specialization: Home Economics
- Howard Denny Johnson, II, Fayette, Mo.
B.A. (Central Methodist College)
Dissertation: The Brønsted Acidity of Hexaborane (10), Preparation of the Nonahydrohexaborate (-1) Ion; Studies on the Octahydrodipentaborate (-1) Ion and Its Reaction with Diborane (6)
Field of Specialization: Chemistry
- George William Kalb, Cuyahoga Falls
B.S. (College of Wooster); M.S.
Dissertation: Desorption Isotherms of Montmorillonite-organic Complexes
Field of Specialization: Mineralogy
- James L. Kamm, Toledo
B.S. (Carnegie-Mellon University)
Dissertation: A Class of High Energy, Close Approach Trajectories in the Three-Body Problem
Field of Specialization: Aeronautical and Astronautical Engineering
- Donald Lee Karr, Columbus
B.S. Ed. (Ohio University); M.Ed. (University of Cincinnati)
Dissertation: Problems and Perceptions of Practical Nursing Instructors in Relation to Their Trade and Industrial Teacher Education Program
Field of Specialization: Education
- Karl Clinton Kauffman, Waynesville
B.S. (University of Dayton); M.S.
Dissertation: The Kinetics of Base-Catalyzed Enolization of 2-Phenylcycloalkanones and Cycloalkyl Phenyl Ketones
Field of Specialization: Chemistry
- Roger Raymond Kempel, Akron
B.A. (Ohio Wesleyan University)
Dissertation: Diagnostic Studies of Hydrogen Plasmas Heated by Two-Phase Excitation at the Cyclotron Frequency
Field of Specialization: Physics
- Richard John Kestler, Grand Forks, N. D.
A.B. (Cornell University)
Dissertation: An Analysis of British Political Party Policies toward the Independence Movements in Four African Countries: 1946-1964
Field of Specialization: Political Science

- Russell Dale Kittle, Wayne City, Ill.
B.S. in Ed. (Southern Illinois University); M.A.
(University of Florida)
Dissertation: Toby and Susie: The Show-Business Success
Story of Neil and Caroline Schaffner, 1925-1962
Field of Specialization: Theatre
- George Austin Klein, Jr., Willoughby
B.A. (Denison University); M.A. (University of Chicago)
Dissertation: Sir Henry Campbell-Bannerman and the
Liberal Imperialists: 1899-1903
Field of Specialization: History
- Joseph Edward Knapp, Columbus
B.S. in Phar., M.S.
Dissertation: The Isolation and Chemical Characterization
of Alkaloids from *Menispermum canadense*, L.
Field of Specialization: Pharmacy
- Paul Reginald Knott, Trenton, N. J.
B.S. in Aero.Engr. (Parks College of Aeronautical
Engineering)
Dissertation: Noise Generated by Turbulent
Non-Premixed Flames
Field of Specialization: Aeronautical and Astronautical
Engineering
- David Almy Knowlton, Washington, D. C.
B.S. (Capital University); M.S.
Dissertation: The Metabolism and Biological Activity of
Certain N,N'-bis (Dichloroacetyl)-Diamines
Field of Specialization: Physiological Chemistry
- Fritz Carl Kokesh, Hopkins, Minn.
B.S. (Lewis College)
Dissertation: Quantitative Examination of the Stepwise
Mechanisms of Acetaldehyde and Formocholine Hydrolysis
Field of Specialization: Chemistry
- Donald Edward Koopman, Dayton
B.A. (Ohio Wesleyan University)
Dissertation: The Adsorption of Crystal Violet Lactone
by Kaolinite
Field of Specialization: Mineralogy
- Robert Kosak, Jr., Brick Town, N. J.
B.S. (Mech.Engr.) (Newark College of Engineering);
M.S. (Materials Engr.) (Air Force Institute of
Technology)
Dissertation: The Oxidation Mechanism of the Ni-Cr-Al
Alloys
Field of Specialization: Metallurgical Engineering
- Laurence Edward Kunes, Geneva
B.S., M.S.
Dissertation: Error Estimates for the Normal
Approximation to Normed Sums of Random Variables
of a Markov Chain
Field of Specialization: Mathematics
- Richard Lee Large, Culver, Ind.
B.S.A. (Purdue University); M.S. (Oklahoma State
University)
Dissertation: The Fixation and Release of Native and
Applied Potassium from Soils as Affected by Drying,
Cropping, and Mineralogy
Field of Specialization: Agronomy
- David Lee Larimore, Lexington, Ky.
B.S., M.S. (North Carolina State University)
Dissertation: The Structure and Social Antecedents of
Teacher Attitudes
Field of Specialization: Education
- Lloyd Robert Lawrence, Jr., Hamilton, N. Y.
A.B. (Colgate University); M.S.
Dissertation: Photochemical Initiation of Combustion and
Quantum Yields in Flowing Mixtures of Hydrogen,
Oxygen, and Chlorine
Field of Specialization: Aeronautical and Astronautical
Engineering
- Samuel Chen-Ying Ling, Dayton
B.S. (National Taiwan University); M.S. (Baylor
University)
Dissertation: A Study of the Excited States between 18
and 22 MeV in ^{10}B
Field of Specialization: Physics
- Matthias Chi-Hwa Lu, Taipei, Taiwan
B.S. (Kaohsiung Medical College)
Dissertation: Studies Directed toward the Synthesis of
cis- and *trans-*2-Mercaptocyclopropylamines for
Evaluation as Radiation-Protective Agents
Field of Specialization: Pharmacy
- Loren Lemoine Lucas, West Mansfield
B.S. in Food Tech., M.S.
Dissertation: Variables Affecting the Efficiencies of
Peeling Tomatoes with Caustic Soda
Field of Specialization: Horticulture
- Ronald Mark Marshall, Kettering
B.S. in Bus.Adm.; M.B.A. (University of Michigan)
Dissertation: The Semantic Specification Behavior of
Auditors with Respect to Auditing Concepts
Field of Specialization: Accounting
- William David Mason, Mt. Sterling
B.S. in Phar., M.S.
Dissertation: Kinetic Studies and Continuous Analysis in
Flowing Streams of Monamine Oxidase Activity by
Amperometric Measurement at a Tubular Carbon
Electrode
Field of Specialization: Pharmacy
- Marc David Matre, Brookhaven, Pa.
B.A. (Miami University); M.A.
Dissertation: Some Implications of the Development of
the Puerto Rican Highway System for the Urban Ecology
of Puerto Rico
Field of Specialization: Sociology
- Carolyn Jean Matzke, Saginaw, Mich.
B.A. (Michigan State University); A.M. (University of
Michigan)
Dissertation: The Influence of Menander on Terence as
Shown by a Synonymic Study of "Saying"
Field of Specialization: Classics
- James Eakin McConnell, Williamsville, N. Y.
B.S. in Edu. (Slippery Rock State College); M.A. (Miami
University)
Dissertation: An Analysis of International Trade
Networks: The Examples of EFTA and LAFTA
Field of Specialization: Geography

- Joseph Meeks, Portsmouth
B.S., M.S.
Dissertation: Measure in Proximity Structures
Field of Specialization: Mathematics
- Michael Eugene Mickelson, Columbus
B.S.
Dissertation: Infrared Bands of $^{12}\text{C}_2\text{H}_2$, $^{13}\text{C}_2\text{H}_2$, and $^{12}\text{C}^{13}\text{CH}_2$
Field of Specialization: Physics
- Malvern Lynn Miller, Blacksburg, Va.
B.S., M.S. (Oklahoma State University)
Dissertation: Critical Requirements for the Socioeconomically Disadvantaged Employed in Retail Jobs in Columbus, Ohio
Field of Specialization: Education
- Michihiro Miyagi, Ginowan, Okinawa
B.A. (University of Miyazaki); M.A. (University of Hawaii)
Dissertation: Impact of Jet Aircraft Introduction to the Airline Network of the United States
Field of Specialization: Geography
- Kuk Jin Moon, Seoul, Korea
B.Sc. (Yonsei University); M.S.
Dissertation: Highly Excited States of ^{12}C and ^{16}O from ^3He Capture Studies
Field of Specialization: Physics
- David Clinton Morris, Grove City
B.A., M.A.
Dissertation: White Racial Orientations toward Negroes in an Urban Context
Field of Specialization: Sociology
- Lila Catherine Murphy, Concord, N. H.
B.Ed., M.Edu. (Keene State College)
Dissertation: The Feasibility of Audiotope-Telephone Supervision of High School Teachers
Field of Specialization: Home Economics
- Richard John Naskali, Moscow, Idaho
B.S. in Agr., M.S.
Dissertation: The Effects of Acute Gamma Radiation on *Chrysanthemum* Inflorescence Morphogenesis
Field of Specialization: Botany
- Robert Alan Osterhouse, College Park, Md.
B.A. (Whitworth College); M.A.
Dissertation: A Comparison of Desensitization and Study-Skills Training for the Treatment of Two Kinds of Test-Anxious Students
Field of Specialization: Psychology
- William Craig Pavord, Groesbeck
B.S. (Pennsylvania State University); M.B.A.
Dissertation: The Relationship between Interface and Service Quality in Contacts between Faculty and University Enterprises
Field of Specialization: Business Organization
- John David Piper, Bowling Green
B.A. (Mount Union College); M.Ed. (Bowling Green State University)
Dissertation: A Criteria Score Card for Evaluating Doctoral Programs in Physical Education
Field of Specialization: Physical Education
- Edith Jane Porter, Steubenville
A.B., M.Ed. (Ohio University)
Dissertation: The Effect of a Program of Reading Aloud to Middle Grade Children in the Inner City
Field of Specialization: Education
- John Marshall Purcell, Cincinnati
B.A., B. of Ed. (University of Cincinnati); M.A. (Middlebury College)
Dissertation: Role Definition of the State Foreign Language Supervisor
Field of Specialization: Education
- Mohammad Abdur Rauf, Karachi, Pakistan
B.A., M.A. (University of Lucknow)
Dissertation: Crabwood Creek: A Study of Cultural Continuity and Ethnic Identity on Different Generational Levels among East Indians in Guyana
Field of Specialization: Anthropology
- Janice McKenna Reynolds, Hubbardston, Mich.
B.S.Edu. (Central Michigan University); M.A.
Dissertation: A Comparative Analysis of Behavioristic and Transformational Paradigms
Field of Specialization: Sociology
- Ernest Louis Rock, Dayton
B.A. (Saint Vincent College); M.A.T. (Indiana University)
Dissertation: A Readability Graph for Russian
Field of Specialization: Education
- Larry Rosenberg, Philadelphia, Pa.
B.S. in Bus.Adm. (Drexel Institute of Technology); M.B.A.
Dissertation: An Empirical Examination of the Causes, Level, and Consequences of Conflict in a High Stake Distribution Channel
Field of Specialization: Business Organization
- Joseph Suyeoo Sakumura, Columbus
B.A. (Elmhurst College); B.D. (Eden Theological Seminary); M.A.
Dissertation: An Analysis of an Experimental Educational Research and Development Program for Talented Undergraduate Education Students
Field of Specialization: Education
- Saswinadi Sasmojo, Bandung, Indonesia
M.S.Chem.Engr. (University of Wisconsin)
Dissertation: Oxidation Kinetics of Pyritic Materials in Aqueous Media
Field of Specialization: Chemical Engineering
- Richard Rayner Schehl, Caldwell
B.S. (Ohio University)
Dissertation: Electron Paramagnetic Resonance of Gadolinium(III) in Cadmium Sulfide Single Crystals
Field of Specialization: Physics
- John Lathrop Schlacter, Hudson
B.B.A. (Case Western Reserve University); M.B.A.
Dissertation: Increased Participation in the Decision-Making Process among Field Crews in the Ohio Department of Highways: A Field Experiment
Field of Specialization: Business Organization

- Eugene David Schmiel, Parma
B.A. (Saint Francis College, Pennsylvania)
Dissertation: The Career of Jacob Dolson Cox, 1828-1900:
Soldier, Scholar, Statesman
Field of Specialization: History
- Kathryn Mann Scott, Worthington
B.A.
Dissertation: Differential Effects of Mercurial Reagents
on Membrane Thiols and on the ATP-Energized
Reactions of Heart Mitochondria
Field of Specialization: Physiological Chemistry
- Norman Eugene Shank, Harrisonburg, Va.
B.S. (Eastern Mennonite College)
Dissertation: Pulse Radiolysis Studies of Aromatic
Radical Cations in 1,2-Dichloroethane
Field of Specialization: Chemistry
- Charles Tecumseh Shirkey, Columbus
B.S.
Dissertation: Temperature Dependence of the Resonance
Linewidths in Ferromagnetic Thin Films
Field of Specialization: Physics
- Ted Henry Short, Delta
B.Agr.E., M.S.
Dissertation: On the Analysis and Simulation of
Mechanical Down-the-Row Plant Thinning
Field of Specialization: Agricultural Engineering
- James Otis Smith, Big Spring, Tex.
B.A. (Hardin-Simmons University); M.A. (University
of Texas)
Dissertation: Social Research in a Psychiatric Setting:
The Natural History of a Research Project
Field of Specialization: Sociology
- Myrtle Lee Smith, Garland, N. C.
B.S. (North Carolina College); M.S.
Dissertation: An Investigation of Undergraduate
Transfer Students in the School of Home Economics at
The Ohio State University 1965-1968
Field of Specialization: Home Economics
- Gene Edmund Stanley, Claymont, Del.
A.B. (Asbury College); M.A.
Dissertation: A Study of the Attitudinal Change of
Teachers in an Inservice Education Program
Field of Specialization: Education
- Gene R. Stebbins, Kent
B.S. (Manchester College); M.A. (Bowling Green
State University)
Dissertation: Listener-Sponsored Radio: The Pacifica
Stations
Field of Specialization: Speech
- Paul Carlyle Storm, Berne, Ind.
B.S. (Wheaton College); M.S.
Dissertation: Anchimeric Oxygen Participation in
Reactions of Oxabicyclic Compounds
Field of Specialization: Chemistry
- Richard Grey Swartzbaugh, Toledo
B.A., M.A.
Dissertation: Machismo: A Value System of a Mexican
Peasant Class
Field of Specialization: Anthropology
- George Monroe Swisher, Columbus
B.S.M.E. (University of Cincinnati); M.S.
Dissertation: A Theoretical and Experimental
Investigation of the Dynamics of Hydraulic Control
Systems Connected by Long Lines or Hoses
Field of Specialization: Mechanical Engineering
- Sandra Annear Thompson, Berea
B.A., M.A.
Dissertation: On Relative Clause Structures in Relation
to the Nature of Sentence Complexity
Field of Specialization: Linguistics
- Jon Howard Tuttle, Columbus
B.S., M.S.
Dissertation: Aspects of Iron and Sulfur Oxidations by
the Chemoautotroph *Thiobacillus Ferrooxidans* with
Emphasis on Inhibition by Organic Compounds
Field of Specialization: Microbiology
- James Duane Utzinger, Grove City
B.S. in Agr., M.S., B.S. in Edu.
Dissertation: Educational Opportunities in Horticulture
for Ohio Youth
Field of Specialization: Agricultural Education
- James Thomas Van Kuren, Fairborn
B.S.M.E. (Case Western Reserve University)
Dissertation: Experimental and Theoretical Investigation
of the Nozzle Flow in a Large Arc-Heated Hypersonic
Wind Tunnel
Field of Specialization: Aeronautical and Astronautical
Engineering
- William Lee Van Wormer, Hamilton
B.S. in Ed., B.A.A. (University of Cincinnati); M.A.
Dissertation: Development of a Delivery System for
Producing Low-Cost Customized Visual Materials and
Studying Barriers to Optimal Use of the System in
Developing Institutions: A Qualitative Analysis
Field of Specialization: Education
- Derrald Wayne Vaughn, McKinleyville, Calif.
A.B., M.A. (Humboldt State College)
Dissertation: The Development of Role-Taking Ability
and Its Relationship to Success in School
Field of Specialization: Psychology
- Carole Allen Vickers, Huntington, W. Va.
B.A., M.A. (Marshall University)
Dissertation: Level of Selected Home Management
Concepts Attained in Residence and Non-Residence
Courses
Field of Specialization: Home Economics
- Keith Edward Wagner, Meadville, Pa.
B.A. (Thiel College); M.A.
Dissertation: Economic Development in Pennsylvania
during the Civil War, 1861-1865
Field of Specialization: History
- Darrell Winterton Walker, Kamas, Utah
B.E.S., M.S. (Brigham Young University)
Dissertation: An Investigation of the Shock Ignition
Characteristics of Static and Flowing Combustible
Mixtures
Field of Specialization: Aeronautical and Astronautical
Engineering

- Louis Wehrle, Jr., Columbus
 B.S. (University of Toledo); M.S.
Dissertation: The Use of Cortisone as an Adjunct to
 Chloroquine and Quinacrine in the Treatment of
 Avian Malaria
Field of Specialization: Microbiology
- Marion Roy Wenger, Goshen, Ind.
 B.A. (Goshen College); M.A.
Dissertation: A Swiss-German Dialect Study: Three
 Linguistic Islands in Midwestern U.S.A.
Field of Specialization: German
- Richard Kenneth White, Mercer, Pa.
 B.S. (Pennsylvania State University); S.T.B. (Biblical
 Seminary, New York); M.S. (Pennsylvania State
 University)
Dissertation: Gas Chromatographic Analysis of Odors
 from Dairy Animal Wastes
Field of Specialization: Agricultural Engineering
- Jack Edward Williams, Lima
 B.S. in Edu. (Ohio Northern University); M.Edu.
Dissertation: The Unionization of Teachers
Field of Specialization: Education
- Craig Dean Willis, Delaware
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: The Tudors and Their Tutors: A Study of
 Sixteenth Century Royal Education in Britain
Field of Specialization: Education
- Charles Mack Wilson, Columbus
 B.S.Ed., M.Ed. (Ohio University)
Dissertation: Improving Academic and Social Adjustment
 to College: An Experimental Study Involving High
 School Seniors
Field of Specialization: Education
- Arthur Melvyn Winer, Santa Monica, Calif.
 B.S. (University of California)
Dissertation: Electron Paramagnetic Resonance Studies
 of Oriented Aromatic Hydrocarbons in the Phosphorescent
 State at Low Magnetic Fields
Field of Specialization: Chemistry
- James Kenneth Wood, Broomfield, Colo.
 B.S. (Colorado State University); M.S. (Kansas State
 College of Pittsburg)
Dissertation: An Attempted Synthesis of Heptahelicene
Field of Specialization: Chemistry
- Larry Ivan Yarrington, Columbus
 B.S.
Dissertation: Electron Paramagnetic Resonance Study
 of Fe +3 in Orthoclase
Field of Specialization: Physics

Master of Accounting

One candidate

Charles Michael Ciuni, Cleveland
B.S. in B.A. (John Carroll
University)
Field of Specialization: Accounting

Master of Arts

One hundred and seventeen candidates

Edward Lee Abercrombie, Plain City
B.S. in Ed. (West Virginia State
College)
Field of Specialization: Education

Mary Catherine Adams, Detroit, Mich.
B.A. (Wayne State University)
Field of Specialization: Speech

Oakley Montlemuel Addis, Westerville
B.S. (Rio Grande College)
Field of Specialization: Education

Michael Wakefield Allen, Clarion, Ia.
B.A. (Cornell College)
Field of Specialization: Psychology

Roger Bradford Baldwin, Columbus
B.A. (Otterbein College)
Field of Specialization: Psychology

Timothy Howard Baughman,
St. Petersburg, Fla.
B.A. (Stetson University)
Field of Specialization: History

Dan Lee Brown, Reynoldsburg
B.S.Ed. (Ohio University)
Field of Specialization: Education

Dean Sylvan Brown, Columbus
B.S. in Sec.Educ. (Rio Grande
College)
Field of Specialization: Education

Susan Battles Brown, Columbus
B.A. (Mount Union College)
Field of Specialization: Theatre

Nancy Spilburg Bruey, Fairview Park
B.A. (Muskingum College)
Field of Specialization: Physical
Education

Edgar Maurice Bunnell, Gahanna
B.A. (Wayland College)
Field of Specialization: Education

Diane Pollack Burhenne, Columbus
B.A. (University of Florida)
Field of Specialization: Psychology

Holly Hudson Castle, London
B.A.
Field of Specialization: English

Karen Wolfe Christensen, Conneaut
B.A.
Field of Specialization: English
(TESOL)

Soon Ja Chung, Seoul, Korea
B.Music (Seoul National University)
Field of Specialization: Music

Camilla Sue Colantonio,
Hammond, Ind.
A.B. (Indiana University)
Field of Specialization: Education

Larry George Crouch, Akron
B.A. (Kent State University)
Field of Specialization: Political
Science

Nancy Montrew Delaplaine,
White Heath, Ill.
B.S. (University of Illinois)
Field of Specialization: Physical
Education

Joanne Luckino Diederich, Columbus
A.B. (Ohio Dominican College)
Field of Specialization: English

Frank Joseph DiGilio,
Philadelphia, Pa.
B.A. (La Salle College)
Field of Specialization: German

William Irving Dorfman, Miami, Fla.
B.S. (University of Scranton)
Field of Specialization: Psychology

Patricia Brogan Duerler, Columbus
B.S. in Edu.
Field of Specialization: Education

Victor Earl Edmonds, Cincinnati
B.S.Edu. (University of Dayton)
Field of Specialization: Education

Frank Thomas Eggemeier,
Covington, Ky.
B.A. (University of Dayton)
Field of Specialization: Psychology

Edward Fred Eisenberg, Columbus
B.S. in Edu.
Field of Specialization: Education

Lola Kay Ericson, Hilliard
B.S. (Youngstown State University)
Field of Specialization: Education

Marilyn Sayle Evarts, Chagrin Falls
B.A.
Field of Specialization: Education

Marianne Leeson Fauble, Poland
B.A. (Ohio Dominican College)
Field of Specialization: Psychology

Marianne Wardle Featheringham,
Columbus
B.S. in Edu. (Muskingum College)
Field of Specialization: Education

Judith Ann Fetter, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Romance
Languages

Glen William Fouss, Columbus
B.S. in Bus.Adm.
Field of Specialization: Education

Norman Friedman, Cleveland
A.B. (Miami University)
Field of Specialization: Speech

Rolf Albert Fuessler, Rosedale, N. Y.
B.A. (State University of New York
at Stony Brook)
Field of Specialization: Journalism

James John Funaro, Independence
B.A. (Denison University)
Field of Specialization: Anthropology

Mary Louise Gallagher, Cleveland
B.A. (Saint Mary's College, Indiana)
Field of Specialization: Classics

Maria Cristina Navarro Garcia,
Columbus
Dr. en Pedagogia (Universidad
Central "Marta Abreu" de Las Villas)
Field of Specialization: Education

Robert Lewis Glendenning, Carroll
B.S.
Field of Specialization: Psychology

Barbara Ann Gorsky, Dover
B.S. in Edu.
Field of Specialization: Education

Sister Maryam Gossling,
LaCrosse, Wis.
B. of Art Edu. (Viterbo College)
Field of Specialization: Art

David Victor Goulding,
Winnipeg, Man., Canada
B.P.E. (University of Manitoba)
Field of Specialization: Physical
Education

William Henry Griffin, Bedford
B.S. in Edu.
Field of Specialization: Music

Karen Elaine Hamilton, Springfield
B.A.
Field of Specialization: Romance
Languages

Douglas Brian Hampton, Tallmadge
B.A. in A. and S. (Kent State
University)
Field of Specialization: History

Theresa Ann Altic Harrington,
Grove City
B. of Mus. (Eastern Nazarene
College)
Field of Specialization: Music

- Sue Elizabeth Hill, Marion
B.A.
Field of Specialization: Sociology
- Daniel Louis Hornbeck, Mission, Kan.
B.A. (University of Kansas)
Field of Specialization: History
- Patricia Marian Jameson, Cincinnati
B.A. (Northwestern University)
Field of Specialization: Political Science
- Diane Elizabeth Fuller Jenkins, Minneapolis, Minn.
A.B. (Ohio University)
Field of Specialization: Education
- Linda Marie Connor Kane, Buffalo, N. Y.
B.A. (Le Moyne College)
Field of Specialization: Psychology
- Joseph DeRoy Keefer, Washington C. H.
B.A. in Jour.
Field of Specialization: Journalism
- John Michael Keenan, Grove City
B.S. in Edu. (West Chester State College)
Field of Specialization: Psychology
- Carol Jean Kelsey, Columbus
B.M.Ed. (Westminster College, Pennsylvania)
Field of Specialization: Music
- Paul Esmond King, Sutton, England
B.A. (University of Bristol)
Field of Specialization: Geography
- Mary Reeder Lawless, Columbus
B.A.
Field of Specialization: Education
- Russell Paul Lecklider, Jr., Brunswick, Ga.
B.A.
Field of Specialization: Political Science
- Yvan Maximin Ledue, Valleyfield, Que., Canada
B.A. (Ed.Ph.) (University of Ottawa)
Field of Specialization: Physical Education
- Robert Earl Lloyd, Dunbar, Pa.
B.S. in Ed. (California State College, Pennsylvania)
Field of Specialization: Geography
- John David Looman, Beardstown, Ill.
B.S. in Edu. (Western Illinois University)
Field of Specialization: Geography
- William Reinhardt Lucht, Jr., Columbus
B.A. (Capital University); B.D. (Evangelical Lutheran Seminary)
Field of Specialization: Speech
- James Frank Lummanick, Columbus
B.A. in Jour.
Field of Specialization: Journalism
- Susan Byers Lummanick, Columbus
B.A., B.S. in Edu.
Field of Specialization: Education
- John Patrick Lunn, Elmwood Park, Ill.
B.S. (Loyola University)
Field of Specialization: English
- Patricia Feulner Lyons, Columbus
B.A. (Fordham University)
Field of Specialization: Sociology
- David Ronald MacDonald, Columbus
A.B. (Ohio University)
Field of Specialization: English
- James Edwin Mahaffey, Columbus
B.S. (Concord College)
Field of Specialization: Education
- Dorothy Markiewicz, Shaker Heights
B.A.
Field of Specialization: Psychology
- Judith O'Hara Marsh, Worthington
B.A.
Field of Specialization: Sociology
- Caroline Wheeler Marvin, Potomac, Md.
A.B. (Monmouth College)
Field of Specialization: Psychology
- Susan Carol Mattingly, Baltimore, Md.
B.A. (Towson State College)
Field of Specialization: Speech
- Victoria Skidmore Mattis, Cincinnati
B.A.
Field of Specialization: Psychology
- Anne Mary McDonie, Newton Falls
A.B. (Ohio University)
Field of Specialization: German
- Alice Jane McLaughlin, Worthington
B.F.A.
Field of Specialization: Art
- Judith Todd McNeely, Whippany, N. J.
B.A. (Otterbein College)
Field of Specialization: Romance Languages
- Nancy Norris Meerms, Columbus
B.S. in Edu.
Field of Specialization: Education
- Ise Johanna Petersen Meyer, Delaware
B.A. (Ohio Wesleyan University)
Field of Specialization: German
- John William Miller, Grand Junction, Colo.
B.A. (Colorado State University)
Field of Specialization: History
- Carol Rhoades Minnich, Piqua
B.A.
Field of Specialization: Speech
- Robert Eugene Mitchell, Omaha, Nebr.
B.A. (Creighton University)
Field of Specialization: Psychology
- William Chalmers Nickell, North Canton
B.S. in Edu.
Field of Specialization: Education
- Pamela Stewart Norris, Marion
A.B. (Hillsdale College)
Field of Specialization: Education
- Reginald Dennis Olson, Columbus
B.A.; B.D. (Garrett Theological Seminary)
Field of Specialization: Sociology
- Thornton Arthur Perry, Lima
B.A.
Field of Specialization: History
- Michael Anthon Petersen, Ferron, Utah
A.B. (University of California)
Field of Specialization: Political Science
- Carol Lynn Porcello, Lyndhurst
B.A. (Baldwin-Wallace College)
Field of Specialization: Sociology
- Paul Richard Ring, Woodsfield
B.S. in Edu.
Field of Specialization: Education
- Cynthia Shore Robins, Columbus
B.A.
Field of Specialization: Theatre
- Roberta Daulton Rollins, Delaware
B.S. in Edu.
Field of Specialization: Education
- Carol Lillian Roseman, Queens Village, N. Y.
B.A. (State University of New York at Stony Brook)
Field of Specialization: Speech
- Betty Mae Rosen, Elmont, N. Y.
B.S. (State University College of New York at Cortland)
Field of Specialization: Education

Sara Jane Rowland, Lake Forest, Ill.
B.S. in Edu.
Field of Specialization: Education

Sharon Kay Ruhly, Kettering
B.A. (Otterbein College)
Field of Specialization: Speech

James Walter Ryder, Columbus
B.A.
Field of Specialization: Anthropology

Gary Janton Seckel, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Mary Lea Shaffer, Columbus
B.A. (Pennsylvania State University)
Field of Specialization: Education

Deanna Marks Slater, Columbus
A.B. (Heidelberg College)
Field of Specialization: Education

Gerald Paul Smeyak, Columbus
B.F.A. (Ohio University)
Field of Specialization: Speech

John Keith Snodgrass, Cadiz
B.A.
Field of Specialization: Political
Science

Gordon Philip Spice, Columbus
B.B.A. (University of Toledo); B.A.
Field of Specialization: Music

Herbert Roth Spiers, Columbus
B.A.
Field of Specialization: Political
Science

Anna Lee Spiro, Portsmouth
A.B. (Barnard College)
Field of Specialization: Art

Karon Lue Stokes, Metropolis, Ill.
A.B. (Asbury College)
Field of Specialization: Education

Pravin Devraj Suchak,
Zanzibar, Tanzania
B.A. (State University College of
New York, Buffalo)
Field of Specialization: Education

Agnes Lewis Swetnam, Columbus
A.B. (Smith College)
Field of Specialization: Art

Erwin Bernard Teuber, Columbus
B.A. (Saint Cloud State College)
Field of Specialization: Sociology

Margareth Gresser Teuber,
Paynesville, Minn.
B.A. (Saint Cloud State College)
Field of Specialization: Sociology

Cathryn Larson Thompson, Columbus
B.S. in Ed. (University of Kansas)
Field of Specialization: Education

Irene Koestel Trachevski, Dublin
B.S. in Edu.
Field of Specialization: Slavic
Languages

David Samuel Tuber, Mansfield
B.S.
Field of Specialization: Psychology

Carol Ann Vanatta, Columbus
B.A. (Capital University)
Field of Specialization: Romance
Languages

Karel Ann Van Horn,
Beech Grove, Ind.
B.A. (Purdue University)
Field of Specialization: Romance
Languages

William John Vorlicky, Bedford
B.S. in Edu.
Field of Specialization: Education

Arden Eugene Walker, Mt. Gilead
B.S. in Edu.
Field of Specialization: Education

Michael Brock Walsh,
Poughkeepsie, N. Y.
B.S. (Union University)
Field of Specialization: Education

Sanford M. Weinberg, Chico, Calif.
A.B. (San Jose State College)
Field of Specialization: Romance
Languages

Jean Anne Wilcox, Fairview Park
B.S. in Edu.
Field of Specialization: Education

Richard Darby Williams, Jr.,
Mansfield
B.A.
Field of Specialization: English

Diane Kriesman Woodgeard,
Lancaster
B.S.Ed. (Ohio Univeristy)
Field of Specialization: Physical
Education

Master of Business Administration
Thirty candidates

Stephen Bernard Berger, Springfield
B.S.B.A. (Wittenberg University)
Field of Specialization: Business
Organization

William Michael Brady, Columbus
A.B. (Ohio University)
Field of Specialization: Business
Organization

Thomas Eugene Brazier, Fairborn
B.S. (University of Arizona)
Field of Specialization: Business
Organization

Vernon Harlan Broomall, Jr., Salem
B.A.A.E.
Field of Specialization: Business
Organization

Michael Francis Buck, Columbus
B.A.
Field of Specialization: Business
Organization

James Nathaniel Calliccoat, Dayton
B.S. (Bus.) (University of Colorado)
Field of Specialization: Business
Organization

James Roger Clark, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

William Edward Clinger, Jr.,
Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Stephen Francis DiLauro, Akron
B.S.B.A. (University of Akron)
Field of Specialization: Business
Organization

Ronald Michael Dolinger, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Neil Anthony Franchino,
Basking Ridge, N. J.
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

David Lee Goldenberg, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Bruce Ray Hathaway, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Orlando Martin Holland, Kettering
B. of C.E. (Auburn University)
Field of Specialization: Business
Organization

Richard Eugene Hunter, Jr., Ashland
B.S. in B.A. (Ashland College)
Field of Specialization: Business
Organization

William James Joyce, Columbus
A.B. (Saint Benedict's College);
LL.B. (University of Tulsa)
Field of Specialization: Business
Organization

Lawrence Richard Kitchell,
Lockbourne AFB
B.B.A. (University of Oklahoma)
Field of Specialization: Business
Organization

George Edward LaVance, Jr.,
Bloomington, Ind.
B.S. in Bus. (Indiana University)
Field of Specialization: Business
Organization

Harold Lee Levin, Baltimore, Md.
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Ronald Robert Matasich, Proctorville
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Molly Grove McKnight, Columbus
B.A.
Field of Specialization: Business
Organization

Brian Keith Meginnis, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Wesley Charles Meinering, Canton
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Gary Marshall Miller, Deshler
B.S. in B.A. (Bowling Green State
University)
Field of Specialization: Business
Organization

Gerald Burke Newman, Wooster
B.S. in Bus. Adm.
Field of Specialization: Business
Organization

Robert Stephen Soley, Lorain
B.S.
Field of Specialization: Business
Organization

Philip Brooks Starr, Troy
B.B.A. (University of Cincinnati)
Field of Specialization: Business
Organization

Alan William Tipka, Newark
B.A.
Field of Specialization: Business
Organization

John Crosby Williams, Jr.,
Pittsburgh, Pa.
B.S.I.M. (Purdue University)
Field of Specialization: Business
Organization

David James Zurawski, Columbus
B.S. (Syracuse University)
Field of Specialization: Business
Organization

Master of City Planning

One candidate

Arnold Michael Berke, Elyria
B.S. in Bus. Adm.
Field of Specialization: City and
Regional Planning

Master of Fine Arts

Three candidates

Virginia Stein Marsh, Omaha, Nebr.
B.A. (DePauw University)
Field of Specialization: Fine Arts
(Ceramics)

Richard Allan Summers, Columbus
B.A.
Field of Specialization: Fine Arts
(Graphics)

Maurice Vance, Columbus
B.S. (Illinois State University)
Field of Specialization: Fine Arts
(Graphics)

Master of Music

Two candidates

Sun Ok Hong, Chun-Puk, Korea
B.A. (Ewha Womans University)
Field of Specialization: Music

Deanna Marie Robertson, Malvern
B.S. in Edu.
Field of Specialization: Music

Master of Science

One hundred and five candidates

Gabriele Ruth Abraham,
San Francisco, Calif.
B.S. (University of California)
Field of Specialization: Pathology

Pradeep Kumar Agrawal,
Meerut, India
B.Sc. (Agra University); B.Tech.
(Indian Institute of Technology)
Field of Specialization: Electrical
Engineering

Sabah Naji Al-Abbassy,
Baghdad, Iraq
B.V.M. (University of Baghdad)
Field of Specialization: Veterinary
Parasitology

Mazen Yacoub Anastas,
Baghdad, Iraq
B.Sc. (University of Baghdad)
Field of Specialization: Chemical
Engineering

Carolyn Cooper Anderson, Columbus
B.S. in Med. Tech.
Field of Specialization: Pathology

Robert Alan Andrea, Rochester, N. Y.
B.S. in H.E. (Saint Louis University)
Field of Specialization: Aeronautical
and Astronautical Engineering

Do Sun Bai, Seoul, Korea
B.Sc. Engin., B.S. Com. (Seoul
National University)
Field of Specialization: Mathematics

Dinesh Bajaj, Delhi, India
B.Tech. (Indian Institute of
Technology)
Field of Specialization: Electrical
Engineering

Wayne Earnest Ballantyne, Columbus
B.Ch.E.
Field of Specialization: Chemical
Engineering

Ronald Justice Beaton,
Parkersburg, W. Va.
B.S. (Marietta College)
Field of Specialization: Chemistry

John Henry Becher, Louisville, Ky.
B.Ch.E.
Field of Specialization: Chemical
Engineering

Linda Joyce Burgess Bethel, Columbus
B.S. in H.E.
Field of Specialization: Preventive
Medicine

- Reinhold Betsch, Mansfield
B.M.E.
Field of Specialization: Mechanical Engineering
- Hugh Elias Black,
Neustadt, Ont., Canada
D.V.M. (Ontario Veterinary College)
Field of Specialization: Veterinary Pathology
- Sister Mary Alice Bowler, Columbus
B.S. (Saint Mary's College, Indiana)
Field of Specialization: Pathology
- Karen Lenore Brooke, Toledo
B.S. in Nurs.
Field of Specialization: Nursing
- William Frederick Burger, Jr.,
Sandusky
B.A. (Carleton College)
Field of Specialization: Mathematics
- Joseph Mario Cannella,
Watertown, N. Y.
M.D. (Queen's University, Canada)
Field of Specialization: Preventive Medicine
- Alfred Tat-Hang Chan, Hong Kong
B.S. (Oregon State University)
Field of Specialization: Civil Engineering
- Donald Edgar Clark,
Glen Ferris, W. Va.
B.S. in E.E. (West Virginia
Institute of Technology)
Field of Specialization: Electrical Engineering
- **Judith Ann Coen, Willingboro, N. J.
Field of Specialization: Animal Science
- John Michael Csokmay, Warren
B.M.E.
Field of Specialization: Mechanical Engineering
- Judie Kay Dalson, Findlay
B.S. Nursing (Duke University)
Field of Specialization: Nursing
- Michael John D'Amore, Nutley, N. J.
B.S. (Saint Peter's College)
Field of Specialization: Computer and Information Science
- Leighton Ira Davis, Jr.,
Northridge, Calif.
A.B. (Princeton University)
Field of Specialization: Electrical Engineering
- Cathy Lee Dunlap, Columbus
B.S. in Nurs.
Field of Specialization: Nursing
- Patricia Martin Elliott, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Computer and Information Science
- David Bruce Enabnit, Akron
B.S.
Field of Specialization: Physics
- Roger Charles Fagan,
Lawrenceville, N. J.
B.S.E. (Princeton University)
Field of Specialization: Nuclear Engineering
- Karen Margaret Fiedler,
North Ridgeville
B.S. (Baldwin-Wallace College)
Field of Specialization: Home Economics
- Lynn Marie Fisher, Massillon
B.S. in Nurs.
Field of Specialization: Nursing
- Paul Richard Fournier, Stirling, N. J.
B.S. in Phys.
Field of Specialization: Electrical Engineering
- Robert Jay Furman, Columbus
B.S. (Hobart College)
Field of Specialization: Mathematics
- Donald Kenneth Gartman, Columbus
B.A.
Field of Specialization: Zoology
- Bonnie Jean Rhoades Garvin,
Columbus
B.S. in Nurs.
Field of Specialization: Nursing
- Helen Horner Genco, Massillon
B.S. in Nurs.
Field of Specialization: Nursing
- Judy Ricketts Godwin, Columbus
B.A. (University of Kansas)
Field of Specialization: Medical Microbiology
- Carolyn Ann Gray, Carbondale, Ill.
B.S. (Southern Illinois University)
Field of Specialization: Home Economics
- *Thomas Sergei Guins, Bucyrus
Field of Specialization: Industrial Engineering
- Henry Walter Hansen, Jr.,
Staten Island, N. Y.
A.B. (University of Rochester)
Field of Specialization: Mathematics
- Robert Earl Henderson, Dayton
B.S. in M.E. (University of Missouri)
Field of Specialization: Mechanical Engineering
- Donald Kirk Henrie, Orem, Utah
B.E.E. (Brigham Young University)
Field of Specialization: Engineering Mechanics
- Richard Lee Hill, Hamilton
B.S.
Field of Specialization: Geology
- James Gabriel Hnat,
West Hazleton, Pa.
B.S. Engr. Sci. (United States
Air Force Academy)
Field of Specialization: Aeronautical and Astronautical Engineering
- **Jack Emerson Hoffman,
Morenci, Mich.
Field of Specialization: Agronomy
- Terrence Charles Holton,
Hodgkins, Ill.
B.S. (University of Illinois)
Field of Specialization: Chemistry
- Smith Eugene Howland,
Franklin Furnace
B.Ch.E.
Field of Specialization: Chemical Engineering
- George Philip Joseph, Jr., Columbus
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- David Robert Kaplan,
Rochester, N. Y.
B.S. (Rensselaer Polytechnic
Institute)
Field of Specialization: Physics
- * Also Bachelor of Industrial Engineering,
College of Engineering
** Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

John Charles Kaufmann, Steubenville
B.S.
Field of Specialization: Chemistry

*Thomas Alan Klausung, Leipsic
*Field of Specialization: Mechanical
Engineering*

Gary James Kociba,
Harbor Beach, Mich.
B.S., D.V.M. (Michigan State
University)
*Field of Specialization: Veterinary
Pathology*

Stephen Wayne Kress, Columbus
B.S.
*Field of Specialization: Natural
Resources*

Woodrow Boothe Krueger, Newark
B.S.
Field of Specialization: Microbiology

Edward Dale Lafontaine, Carey
B.S. in Agr.
*Field of Specialization: Agricultural
Economics and Rural Sociology*

Jae Chang Lee, Seoul, Korea
B.S. in Bus. Adm.
Field of Specialization: Mathematics

Velma Alice Kuhn Lindsey, Ashville
B.S. in H.E.
*Field of Specialization: Preventive
Medicine*

Robert Dwayne Litt, Bellville
B.Ch.E.
*Field of Specialization: Chemical
Engineering*

John Robert Long, Ellendale, N. D.
B.S. (North Dakota State University)
*Field of Specialization: Animal
Science*

Henry James Lorenzetti, Dayton
B.S. in Engin. (George Washington
University)
*Field of Specialization: Electrical
Engineering*

Gerald Eugene Lowther, Lancaster
B.S. in Opt., O.D.
*Field of Specialization: Optometry
(Physiological Optics)*

William Charles Lubawy,
South Bend, Ind.
B.S. (Butler University)
Field of Specialization: Pharmacy

Leslie Eugene Mace, Van Wert
B.E.E.
*Field of Specialization: Electrical
Engineering*

Michael David Marine, Zanesfield
B.S.
Field of Specialization: Chemistry

Barbara Jean Marshall,
Livingston, Ky.
B.S.Med.Tech. (Cumberland College)
Field of Specialization: Pathology

Donald Jacob Mauthe, Dayton
D.D.S. (Marquette University)
Field of Specialization: Dentistry

Steven Kent Miles, Columbus
B.S. (Ohio University)
*Field of Specialization: Medical
Microbiology*

William Miller, Bryan
B.S. in Phar.
Field of Specialization: Pharmacy

Edilberto Mogollon-Fernandez,
Callao, Peru
B.Eng.Ind. (National University of
Engineering, Peru)
*Field of Specialization: Chemical
Engineering*

Luis Eduardo Montero,
Bogota, Colombia
Ing.Agronomo (Universidad Nacional
de Colombia)

*Field of Specialization: Agricultural
Economics and Rural Sociology*

James Flynn Neuenschwander, Lima
B.C.E.
*Field of Specialization: Civil
Engineering*

**Daniel Allan O'Brien, Zanesville
*Field of Specialization: Ceramic
Engineering*

Robert Lee Petty, El Cajon, Calif.
B.S. (San Diego State College)
Field of Specialization: Chemistry

Geoffrey Allan Prentice, Cleveland
B.Ch.E.
*Field of Specialization: Chemical
Engineering*

John David Rawn, Columbus
B.S. (Capital University)
Field of Specialization: Chemistry

John LaVerne Regner, Columbus
B.S. in Phys.
Field of Specialization: Physics

Fred Thomas Richter, Cincinnati
B.S.
Field of Specialization: Entomology

Ramez Hanna Sadaka,
Beirut, Lebanon
B.Sc.Agr. (American University
of Beirut)
*Field of Specialization: Agricultural
Economics and Rural Sociology*

Ussamah Salaam, Beirut, Lebanon
B.Sc. (Loughborough University of
Technology, England)
*Field of Specialization: Civil
Engineering*

***John Edward Shea, Columbus
*Field of Specialization: Electrical
Engineering*

Eleanor Louise Shein,
Louisville, Ky.
B.A. (Miami University)
Field of Specialization: Pathology

Donna Jean Sheppard, East Liverpool
B.S. in Educ. (Kent State University)
*Field of Specialization: Home
Economics*

Sooe-Muh Shioh, Taipei, Taiwan
B.S., M.S. (National Taiwan
University)
*Field of Specialization: Civil
Engineering*

Robert Turner Shipp, Fairborn
B.S. in C.E. (Duke University)
*Field of Specialization: Civil
Engineering*

Festus Ibeawuchi Soribe,
Owerri, Nigeria
B.S.Agr.Engr. (California State
Polytechnic College)
*Field of Specialization: Agricultural
Engineering*

†Dale Lee Stimpert, Ashland
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Linda Carol Styer, Annandale, Va.
B.S. (George Washington University)
Field of Specialization: Botany

††Howard Dalton Swingle, Philo
*Field of Specialization: Nuclear
Engineering*

Jerry Dean Thomas, Sandusky
B.Met.E.
*Field of Specialization: Metallurgical
Engineering*

Arlene Thompson, Pittsburgh, Pa.
B.S. in Nurs.
Field of Specialization: Nursing

James Lee Throckmorton, Chillicothe
B.S.
*Field of Specialization: Computer and
Information Science*

* Also Bachelor of Mechanical Engineering,
College of Engineering

** Also Bachelor of Ceramic Engineering,
College of Engineering

*** Also Bachelor of Electrical Engineering,
College of Engineering

† Also Bachelor of Aeronautical and
Astronautical Engineering, College
of Engineering

†† Also Bachelor of Mechanical Engineering,
College of Engineering

Lucille Lombardi Travis, Lyndhurst
B.S. in Nurs.
Field of Specialization: Nursing

Russell Lee Trimble,
Santa Maria, Calif.
B.S. (Rochester Institute of
Technology)
Field of Specialization: Electrical
Engineering

Kathryn Wolter Tull, Columbus
B.S. (University of Illinois);
B.E. (National College of Education)
Field of Specialization: Home
Economics

William Kent Van Tyle,
Monticello, Ind.
B.S. (Butler University)
Field of Specialization: Pharmacy

Ronald James Vojir, Cleveland
B.I.E.
Field of Specialization: Industrial
Engineering

Richard Edward Wagner, Navarre
B.M.E.
Field of Specialization: Mechanical
Engineering

Carol Walker, Murray, Utah
B.A. (University of Utah)
Field of Specialization: Physics

Leon Paul Wateska, Pittsburgh, Pa.
B.S. (Duquesne University)
Field of Specialization: Pharmacy

*Robert Bernard Wensink,
Monroeville
Field of Specialization: Agricultural
Engineering

Henry George Wetzler, Jr.,
Hinsdale, Ill.
A.B. (Cornell University);
M.A. (Rutgers—The State University)
Field of Specialization: Mathematics

Veronica Joyce Wyrwas,
Conshohocken, Pa.
B.E.E. (Villanova University)
Field of Specialization: Electrical
Engineering

Allan Ken Yoshimura, Columbus
B.S. in Engr.Sci. (Purdue University)
Field of Specialization: Industrial
Engineering

Youssef Nashed Youssef,
Giza, United Arab Republic
B.Sc. (Cairo University)
Field of Specialization: Civil
Engineering

Antonio Zamora, Columbus
B.S. in Chem. (University of Texas)
Field of Specialization: Computer and
Information Science

**Master of Science in
Public Administration**

One candidate

Ronald Charles Jeffries, Brecksville
B.A. (Miami University)
Field of Specialization: Political
Science

* Also Bachelor of Agricultural Engineering,
College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
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: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

One hundred and eighty-six candidates

Mercedes Abel, Ironton

Jerold David Abrams, Cleveland

Jane Kirk Ackley, Columbus

James Wellman Adams, Ashland, Ky.

John Irvin Andrix, London

Janet Dorothy Baksa,

Scotch Plains, N. J.

Richard Francis Barrett, Columbus

Arthur Geoffrey Barron, Beachwood

Paula Margaret Bauer, Solon

Linda Sue Becker, Wapakoneta

Terry Leigh Bell, South Euclid

Renee Frances Bennett, Dayton

John Ray Best, Newcomerstown

Paul Robert-James Bettinger,

Columbus

William Arthur Biegler, Columbus

John Joseph Bilchak, Jr., Toronto

Gregory Francis Blanch, Stow

Eugene Robert Boerger, Plain City

Gerald Dale Borchert, Cleveland

Gerald Wayne Borin, Cincinnati

James Ray Brady, New Matamoras

William Carl Brandal, Willard

Carolyn Brewer, Cleveland

Ronald Wayne Brown, Columbus

Eddie Randal Browning, Pataskala

Helen Louise Buddie, Youngstown

David Charles Butler, Cleveland

William Adams Byers, Bellville

Carol Lynn Byrnes, New Albany

William Patrick Byrnes, Chicago, Ill.

Nancy Turner Caldwell, Worthington

Gary Donaldson Cannon, Columbus

Thomas Keng Wo Chau,

Chicago Heights, Ill.

Gail Dagger Coates, Lancaster

Ralph Raymond Colleli, Jr., Columbus

Stephen Craig Conrad, Columbus

Dwight Lee Corum, Mansfield

Bernard Lee Craigo, Newcomerstown

Stephen Jerome Cull, Columbus

Rebecca Jo Dart, Ashley

Robert Lester Dayson, Medina

Nancy Glyn DeLong, Columbus

Constance Dena Demis, Navarre

Dennis Alan Denner, Columbus

Ronald Lynn Dickenson, Utica

Susan McCamant Dlesk, Mansfield

John Joseph Doherty, Columbus

Leonard David Downey, Lima

Bernadette Jennings Dudley, Akron

Paul Joseph Duffy, Columbus

Fred Jerold Dumas, Columbus

Arlon Lee Earhart, Newark

Cheryl Lynne Early, Columbus

Herman Henry Echols, Jr., Massillon

Samuel David Eisen, Cincinnati

Mary Elaine Evans, Mansfield

Eileen Lee Ewing, Wadsworth

David Barry Ferriman, Enon

Jerry William Fisher, Akron

Mark Simon Fisher,

New Rochelle, N. Y.

Robert William Flanagan,

Hicksville, N. Y.

Jeffrey Howard Flintoft,

Chelsea, Mich.

Maryanne Josephine Fragomen,

Canton

Jerry Roger Frase, Barberton

Richard Patrick Gaffey, Columbus

Philip Bowen Gage, Celina

Judith Kay Games, Seaman

Eileen Brenda Garber,

Warner Robins, Ga.

Jerry Stanley Gerard, Columbus

Nelson Lee Gordon, South Euclid

Stephen Allen Green, Fayette

Ahmad Dermawan Habir,

Djakarta, Indonesia

Linda Lee Hall, Columbus

Merrickay Shope Hall, Troy

James Ellsworth Harpster, Burgoon

David Lee Harris, Columbus

John Wilder Harris, Cincinnati

James Loy Hazelbaker, Ironton

Howard David Heath,

Delhi, Ont., Canada

Robert George Herak, Solon

Lee Richard Herterich,

Wellesley, Mass.

*Norma Jean Herz, Dover

Candice Irene Hill, Lisbon

Donald Wade Hill, West Farmington

James Lambert Hilmer, Chicago, Ill.

Robert Mark Hook, Plymouth

Richard Carl Hoop, Coshocton

Eugene Bradford Humrighouse, Jr.,

Gahanna

Steven Eugene Hurt, Chillicothe

Mary Louise Hutson, Columbus

Edward Norman Jacobs, Portsmouth

Theresa Kay Jelley, Columbus

Lorraine Elizabeth Jensen, Rittman

Richard Edward Jeremiah,

Dunedin, Fla.

Monte Lynn Johnson, Port Clinton

Janis Champion Judson, Columbus

Jeffrey Raymond Kapela, Cleveland

Linda Robinson Kappeler, Dover

Alan Robert Kazan, Lyndhurst

Leslee Ann Kelley, Uhrichsville

Martina May Kenney, Columbus

Raymond Scott King, Old Lyme, Conn.

Eileen Barbara Kirby, Bayonne, N. J.

David Lee Knapp, Cambridge

Nancy Mae Kroll, Katonah, N. Y.

James Joseph Kurrent, Euclid

Dwight Thomas Landis, Galena

Malcolm Nicholson Landis, Columbus

Donna Alvarado Lane,

Alexandria, Va.

Gary Duane Leatherman,

New Philadelphia

Sidney Gerald Lee, Columbus

James Richard Leff, Millburn, N. J.

Pamela Steffens Lewis, Salisbury, Md.

Thomas Edward Lutz, Columbus

Larry Eugene Lynch, Van Wert

Glen Stephen Marhefka, Parma

Vincent Anthony Marion, Youngstown

Douglas Gerry Martin, North Canton

Wayne McDowell, Mansfield

Thomas Clark McLarnan, Mt. Vernon

Norman Bruce Mendelson, Cleveland

Daniel Raymond Miller, Reynoldsburg

Stephen Frank Milton,

Huntington, W. Va.

Henry Jeffrey Misko, Columbus

Sharon Lee Monaghan, Columbus

Carol Zebal Moore, Columbus

Michael Frank Moran, Westerville

David Frederick Mueller, Cleveland

Thomas Owen Mustric, Worthington

Robert Dennis Naderhoff, Columbus

David Curtis Nickol, Cincinnati

Chad Alan Norcross, Berea

Ronald Michael Ongaro, Columbus

William Francis Parnell, Grove City

* Also Bachelor of Science in Education,

College of Education

Judith Eisenmann Payne, Gratiot
 Anastasia Clarke Philip,
 Port of Spain, Trinidad
 Dwight Darrell Pierce,
 Canal Winchester
 Robert Mead Pierce, Vermilion
 Irene Sylvia Prassinovs, Youngstown
 Patrick Warren Prindle, Wakeman
 Mary Ann Rank, Zanesville
 Nancy Marie Reeder, Massillon
 Linda Dupler Remmert, Mt. Perry
 Kenneth Charles Risdon, Vermilion
 Ernest Owen Saasto, Brooklyn, N. Y.
 Lewis William St. John, II, Dayton
 Barbara Kay Salvatore, Columbus
 Robert Allan Sanders, Cincinnati
 Richard Alan Schmidt, Parma
 Thomas Bernard Schroot, Cincinnati
 John Richard Schuster, Columbus
 David Alan Seeger, Columbus
 Carl Francis Sever, Delphos
 Robert Neil Shaffer, Columbus
 Richard Eugene Sherer, Hilliard
 Charles Curtis Shirley, Jr., Columbus
 Patrick Lee Singer,
 Pass Christian, Miss.
 John Bruce Sommer, Seven Hills
 Calvin Clinton Sowell, Jr., Columbus
 Susan Elizabeth Spangler, Columbus
 Gregory Ryan Stafford, Akron
 Robert Leslie Stanford, Canton
 George Gordon Stein, III,
 Worthington
 John Brummitt Stephens, Oberlin
 Michael Louis Steve, Smithfield, Pa.
 Karen Elizabeth Swisher, Columbus
 Mary Sydir, Cleveland
 Jane Olive Teeters, Canton
 John Lyle Thompson, Medina, N. Y.
 William Francis Thompson, Columbus
 Stephen Vincent Torsell, Springfield
 Thomas Clifton Umbel, Parma
 Laura Jean Wallencheck, Columbus
 James Nash Walters, III, Centerville
 Robert Woodford Warner, II,
 Wadsworth
 Judith Kinsey Wauford, Worthington
 Gerald Wayne Weinberg,
 University Heights
 Jeffrey Weingarten, Cleveland
 Aaron Stewart Weinstein,
 Flushing, N. Y.
 William Hamilton Wellbaum, Lima
 John Lee Whitmer, Columbus
 Ernest Paul Willgren, Fairview Park
 David Phillips Williams,
 Newtown, Pa.
 Gwendolyn Fetterman Wilson,
 Lyndhurst

Charles Eugene Worth, Dayton
 Jacqueline Maureen Yacher, Leetonia

Bachelor of Science

One hundred and two candidates

Edwin DeJesus Arocho, Youngstown
 Milton Richard Austin, Columbus
 Lewis Steven Balog, Brecksville
 Alan Stuart Bardwell, Akron
 Dale Thomas Battles, Chesterland
 Wilbert Martin Bell, Westerville
 James William Bentz, Coshocton
 John Clement Billotte, Mansfield
 Gordon Michael Bisdorf, Marion
 James Kirk Bissell, Austintburg
 Timothy Stewart Brady, Lyndhurst
 Craig Robert Brown, Newark
 Thomas Charlton, Jr., Lima
 John Gregory Comparato, Warren
 Thomas Allen Darby, Vermilion
 William Thomas Del Prete,
 Franklin Square, N. Y.
 David Alan Dietrich, Napoleon
 Dale Edward Donaldson, Sylvania
 Dinah Maria Duecaster, Poland
 Riley Merton Edwards, Bay Village
 Henry Stephen Eilts, Reynoldsburg
 Harry Herbert Evans, Jr., Obetz
 Randall Keith Evans, Ripley
 Donald Eugene Feaster, Urbancrest
 Neal Bradley Forbes, Mentor
 Dennis Eugene Forrest, Mansfield
 Robert Raleigh Geiger, Minster
 David Philip Goodwin, Pomeroy
 Paul Alva Green, Newark
 Gordon Walter Halliday, Wilmington
 Gary Ernest Hawke, Columbia Station
 David Andrew Henderson,
 Independence
 William Randolph Henkle, Jr.,
 Gahanna
 John Wesley Higgins, Jr., Columbus
 Paul Glen Hines, Fredericktown
 Todd Lloyd Hoover, Warren
 Carl Frank Hoyng, Coldwater
 Mary Ann Huldum, Scarsdale, N. Y.
 Bruce David Hulman, Dayton
 Mildred Arleen Ishida, Marion
 Stephen Albert James, Columbus
 Edmund Taylor Kennedy, Dayton
 Patrick Aloysius Kennedy, Findlay
 Keith Allen Kidner, Columbus
 John Walter Kohl, Brecksville
 Lewis Marvin Kornhauser,
 Linden, N. J.

Vincent John LaConte, Norwalk
 Mary Margaret Lambert, Rome
 Stevan Dennis Layton, Beachwood
 Armando Emilio Lazzari,
 Caracas, Venezuela
 Jerome A. Lemire, Pierpont
 Earl Lee Leonard, Columbus
 David Edward Lichy, Gibsonia, Pa.
 Jan Luton, Houston, Tex.
 Jack Jerome Lyon, II, Montvale, N. J.
 John Paul Mathews, Cincinnati
 William Richard Maxwell, Columbus
 James McCorkle, Painesville
 Stanley Floyd Miller, Columbus
 Michael Brown Morgan, Newark
 Stephen Alan Morrison, Cleveland
 Edward George Mullis, Newark
 John Archer Noyes, Cincinnati
 Lawrence John O'Neill, III, Columbus
 Roger Gene Parrot, Wilmot
 Barbara Jo Patrick, Centerburg
 Robert Evander Pepple, Columbus
 Parker Edward Phillips, Lakewood
 William Jefferson Pinnick, Wooster
 James Andrew Rader, Columbus
 Jerome Gallagher Rhoads, Cincinnati
 Harry Edward Robb, Columbus
 Kenneth Edward Roberts, Salineville
 Christiana Ysbrand Scheeres,
 Hamilton
 William Knight Schmidt, Columbus
 B.A.
 Charles Henry Schwartz, Sylvania
 Robert George Sekerak, Cleveland
 Howard Neal Shapiro,
 Cleveland Heights
 Richard Leroy Sheely, Chillicothe
 David William Sheets, Galloway
 Stephen Wood Singley, Middletown
 Conrad Glenn Page Smith,
 Amherst, Mass.
 Patrick Alan Smith, Troy
 John Anthony Sokol, Youngstown
 Ned Alan Stombaugh, Bryan
 Edward Joseph Sujdak, Jr.,
 Wyandotte, Mich.
 Frank Joseph Svoboda, III,
 Centerville
 Patricia Elaine Szeceley,
 Morristown, N. J.
 James Joseph Tankersley, Fairfield
 Harold Robert Taylor, Lockwood
 Terence David Tincher, Chardon
 Barbara Jane VanEtten, Dayton
 Timothy John Walker, Columbus
 Thomas William Watson, Parma
 Patricia Shaner Weed, Fleming
 Lynn Robert Whitacre, Blanchester

College of The Arts

Dean: Lee Rigsby

George Earl Williams, Jr.,
Clarksville, Tenn.
Napoleon Stephen Wilson,
Shaker Heights
John Francis Wolf, Columbus
Richard Stanley Workman, Hamilton
Paul Grayden Wuchter, Stow
Joseph Alton Zorich, Bridgeport

Bachelor of Fine Arts

Twenty candidates

Christine Ausbeck, St. Louis, Mo.
Timothy Adam Bachman, Columbus
Darwin DeWitt Bearley, Jr.,
Lewistown, Pa.
Deborah Jean Bell, Columbus
Cindy Gilda Berkow,
Mt. Vernon, N. Y.
Joseph Bear Biederman, II,
Cincinnati
Patricia Lynn Boyd, Columbus
Virginia Kieffer Deal, Zanesville
Francine Ruth DeBoe, Euclid
Philip Drew DeVore, Cambridge
Mary Jeppesen Hepburn,
Brunswick, Me.
Judith Eckard Kohler, Dalton
Andrea Esther Korenvaes,
Great Neck, N. Y.
Jerry Lee Raidiger, Columbus
Judith Lynn Scheckner,
Bayside, N. Y.
Earl Milton Sisson, Columbus
Ronald Russell Syarto, Cleveland
Judith Brunk Talmage, Lima
Beth Ann Tramer, Gates Mills
Dixie Lee Young, Columbus

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

Fifteen candidates

Donald Reed Baird, Hillsboro
Michael Dean Clark, Columbus
Paul Thomas Clark, Columbus
Judy Ann Coates, East Sparta
Paul Bert Denison, Columbus
Ronald Howard Emswiler, Columbus
Michael David Feldman,
Staten Island, N. Y.
Harry Jerome Kingdom, Conneaut
Kenneth Herbert Krause, Brunswick
Kathleen Marie Krumm, Worthington
Kerry Fred Lehtinen, Ashtabula
Roger Lynn Shaffer, Columbus
Jeffrey Eugene Smith, Columbus
Timothy Owen Sullivan, Columbus
Davis Stewart Wilde, Lakeville

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and ninety-two candidates

- Gary Robert Artz, Cuyahoga Falls
Thomas Richard Atkinson,
Barnesville
Frederick Stanton Ball, Columbus
David Wayne Balsler, Naperville, Ill.
Stephen Clair Barnard, Columbus
Brent Alvin Bartels, Holgate
Lynn Allan Bauman, Mt. Cory
Richard Allen Benjamin, Columbus
James Fred Bennett, Dayton
Leonard Joseph Blake, South Euclid
Edward Charles Blank, Cincinnati
Michael Lawrence Boeckman,
Coldwater
Marc Ed Braha, Brooklyn, N. Y.
Edgar David Braun, Wapakoneta
Carl Joseph Breth, Columbus
Thomas David Browand, Wakeman
James Cronin Brundrett, Troy
Stephen Paul Buchholz, Dayton
Steven George Bullett, Columbus
John Francis Bunsey, Mansfield
Leslie Arnold Busch, South Euclid
Walter Thomas Buss, Willard
Richard Glenn Callison, Columbus
Larry Colin Campbell, Mansfield
Joseph Alexander Capers, Adena
Terence Lee Carpenter, Barnesville
John Eugene Case, Rocky River
Mannie Michael Charnas,
Cleveland Heights
Gerald Frederick Christeson, Hilliard
John Richard Cipkala, Youngstown
David Eugene Clemons, Sylvania
Gary Roger Cochran, Danville
John Jay Coder, Willard
Mark Barry Cohn, University Heights
Marion Dean Cole, Blue Creek
Charles Ray Cook, Jr., Toledo
Donald Arthur Cooke, Columbus
Corydon Cates Coombs,
Wilmington, Mass.
Philip Harvey Cooper, Mansfield
Stephen J. Corwin, New York, N. Y.
Daniel Eugene Cotterman,
Bellevue
John William Crothers, Marysville
Jerry Cyncynatus, University Heights
Terry Wayne Dawson, Columbus
Gary Curtis Dearth, Pickerington
Richard Leonard DeCosky, Jr.,
Lyndhurst
Jeffrey Stuart Dengrove,
Plainfield, N. J.
John Roger Diddle, East Liverpool
Gerald Lee Donovan, Mogadore
Richard Elliot Dorl,
East Paterson, N. J.
John Elden Dunham, Milford Center
Kenneth Henry Eschbacher, Cleveland
Robert Louis Fabian, Parma
John Corbett Falk, Columbus
Marshall Ray Fenn, Tallmadge
Mark Edward Fisher, Mansfield
Brian Nevin Florence, Waynesville
Randy Alan Ford, Reynoldsburg
Diane Spencer Fulford, Columbus
Thomas Joseph Garrity, Columbus
Richard Ray Gary, Gates Mills
Joseph Dennis Gates, Cleveland
Thomas Paul Gerbasi, Parma
Roger Leslie Golub, Pepper Pike
Timothy Lee Gordon, Worthington
Charles Lee Gummer, Newark
Ronald Joseph Gunderson, Columbus
William Clifford Haller, Coshocton
Glenn Anthony Hammersmith,
Norwalk
Robert McCord Harris, Pepper Pike
William Holmes Harrison, Massillon
James Edward Harrold, Mentor
Randall Parker Headley, Worthington
Daniel John Held, Clyde
Thomas Edward Hennigan, London
Thomas Richard Hill, Avon Lake
Earl Neil Hoover, Beaver
Michael John Horgan, Columbus
John Steven Howell, Columbus
Richard Fredrick Huddle, Cincinnati
Howard William Hurwitz,
University Heights
Thomas Jefferson Isner, Columbus
Robert Gerald Jackson, Lima
Mark William Johnson, Columbus
Robbin Andrew Johnson, Fairborn
Thomas Allan Jokiniemi, Ashtabula
Glenn Roger Jones, Brook Park
Edward Paul Kamer, Columbus
Gregory Lee Karam, Cincinnati
Michael Henry Kathrein, Mansfield
William Dennis Katis, Youngstown
Gerald Stuart Keller, Shaker Heights
Edward Eugene Kimmet, Delphos
Michael Lin Kirk, Bloomville
James Paul Konnerth, Vermilion
William Richard Kovacs, Painesville
Gerald Wayne Kramb, Willard
Charles Edward Krebs, Columbus
Terry Edward Lane, Lakeview
Robert Elmer Lathrop, III, Kettering
Robert John Lazar, Cleveland
Robert Edward Lee, Reynoldsburg
Theodore Allen Lencheski,
South Plainfield, N. J.
Richard Philip Lewis, Fort Lee, N. J.
David Alan Liber, Toledo
Theodore Joseph Maag, Kalida
John Carl Martin, Bucyrus
James Edward Masek, Cleveland
John William Matthews,
Long Beach, Calif.
David Edward Mayle, Norwalk
William Brownlee McKelvey, Jr.,
Youngstown
Julius Judson Mesteller, Columbus
Terry Morrow Miller, Columbus
Roger Charles Mock, Columbus
Frank Marion Monaco, Columbus
Dennis Robert Moore, Columbus
Charles Robert Morgan, Columbus
Robert Charles Morton, Valley City
Elizabeth Farber Mosser,
Haworth, N. J.
Richard LeRoy Mowery, Columbus
John Andrew Moyes, Elyria
Robert Gene Neal, Coshocton
David Earl Neptune, Medina
Michael William O'Bryan, Dayton
John Edgar Orvis, Columbus
Charles Ernest Osborne, Jr., Waverly
Robert Wendell Palenshus, Bucyrus
David Youmans Palmer, Cincinnati
Robert Charles Pampush, Lakewood
Gary Lee Parker, Bellefontaine
Joseph Michael Paseka, Castalia
Michael Stephen Pfeffer, Ripley
George Philip Pilkington, Sr.,
Columbus
Brian Paul Pittner, Seven Hills
Alan Leonard Pocrass, Youngstown
Michael James Poppa, Dayton
Barbara Jean Porter, Mayfield Village
Charles David Price, Chardon
Peter Vincent Rast, Columbus
Richard Michael Reese, Columbus
Ted Curtis Reiff, Chagrin Falls
Thomas Harold Reinhart,
Cinnaminson, N. J.
John David Resley, Columbus
James Francis Ricketts, Cincinnati
William Everett Rissler, Marion
Dennis Marvin Roettger, Botkins
Ronald Andrew Romito, Bedford
Patricia Nathanson Rosenbluth,
Beachwood
Roy M. Rosenbluth, Shaker Heights
Alan Barry Satterwhite, Columbus
Ronald Terry Schieber, Bucyrus
Donald VerWiebe Schwartz,
Detroit, Mich.
James Chapman Scott, Cincinnati

College of Agriculture and Home Economics

Dean: Roy M. Kottman

William Conway Shearer, Dayton
Stephen Vane Shepherd, Lima
Charles Gibbons Smith, Circleville
Ralph Everett Smith,
Tonawanda, N. Y.
Stephen Douglas Smith, Circleville
Steven Mark Smith, Jamestown
William Clay Snedegar, Columbus
Gary Arden Spicer, Spencerville
Joseph Paul Stalzer, Euclid
Roy Wendell Steinhoff, Galloway
Greg Eugene Stewart, West Jefferson
Leslie Joseph Szuch, Hudson
Stanley Tepper, South Euclid
Gregory Tholt, Barberton
Charles Edward Thomas, Loudonville
Ronald Paul Thomas, Euclid
Stuart Mark Tishkoff, Columbus
Larry Allen Trager, Columbus
William John Travis,
Cornwells Heights, Pa.
Raymond Joseph Troth, Columbus
David Alan Troyer, West Liberty
Dean Milton Urick, Casstown
John Philip Vorsheck, Erie, Pa.
Thomas Patrick Walsh, Springfield
Jerry Ronald Wauford, Toledo
Russell Alban Weidner, Columbus
Linda Kay Weinstein, Columbus
Thomas Joseph Weisenbach, Columbus
Roger Lee Wells, Westerville
Charles Stephen Wicker, London
Ronald Lee Williams, Lancaster
Carl Eugene Wise, Van Wert
James Dallas Wise, Canton
James Patrick Wisemiller, Columbus
Erwin Lawrence Wynocker,
Cincinnati
Lance Brian Yamasaki, Centerville
John Nolan Zinsmaster, Bryan
Winnie Trolin Zukor, Blackfoot, Idaho
Jerome Theodore Zurowski,
Broadview Heights

Patricia Andrews Fate, Youngstown
Linda Maxwell Harper, Columbus
Mary Maureen Heekin, Cincinnati
Paul Edward Heffernan, Reynoldsburg
Darlene Annetta Jackson, Troy
Carol Ann Korechko, Campbell
Harold Wellington Moody, III,
Worthington
Karen Geraldine Oleski, Euclid
Sue Wessels Packard, Cincinnati
Karen Frances Pagliarulo,
Natrona Heights, Pa.
Jessica Cooper Porterfield, Columbus
Pamela Jean Renner, Cincinnati
Nancy Walker Saunders, Worthington
Linda Susan Schoenfeld,
Paterson, N. J.
Michael Summers Slack, Mansfield
Bonnie Jean Spurbeck, Columbus
Deborah Jane Stokes, Urbana
Carma Jean Teasley, Grove City
Duane Gary Urick, Troy
Susan Yancey Spector Wegelin, Akron
Sarah-Jane Barrett Workman,
Russells Point

Bachelor of Science in Agriculture

One hundred and three candidates

Milton Howard Albert, Jr.,
Baltimore, Md.
William Charles Barr, Columbus
Charlotte Sue Barton, Orient
Gale Marie Baumgardner,
West Richfield
Harold Edward Baxter, Jr., Hamilton
Robert Carl Beals, Xenia
Joseph Ralph Beatty, Greenville
Charles Haven Beaver, Sunbury
Gerald Lee Benham, Springfield
Thomas Alan Bostic, Columbus
Ronald Leroy Bowerman, Lima
James Lee Breitenstine, Barberton
Larry Franklin Burchfield, Gahanna
Charles William Bush, Gallipolis
Howard Walter Chalker, Granville
*Judith Ann Coen, Willingboro, N. J.
Gary William Conklin, Bowling Green
James Clyde Crotcher, Bellevue
Lonnie Lee Davis, Xenia
Anthony Paul Debevc, Madison
Richard Stephen Debrah,
Kumasi, Ghana, West Africa
Charles Michael Delong, Columbus
Stewart Edison DeVold, Caldwell
Reed Kenneth Dils, Kettering
David Allen Draper, Ashland
Dennis Craig Dutka, Brecksville
Sue Frances Eby, West Liberty
Ronald Scott Echelberry, Mantua
Gary Nicholas Evanich, Minerva
Steven Douglas Falls, Bowling Green
David Warren Farst, Hamilton
Richard Craig Fendrick, Glenmont
Charles Frederick Ferris,
Waterbury, Conn.
James Richard Foltz, Baltimore
Frederic Alan Garten, Cincinnati
Rodney William Harris, Columbus
Roland Gregory Hawk, Lynchburg
Donald Ray Hayhurst, New Concord
David Jonathan Herman,
New York, N. Y.
Lowell Dennis Hill, DeGraff
David John Hoffman, Canfield
*Jack Emerson Hoffman,
Morenci, Mich.
Lyle Allen Jones, Port Clinton
Alan Stuart Judd, Wooster
William Henry Kaltenbach,
Monroeville
James Edward Kensey, Grove City
Richard Morris Klinker, Lancaster

* Also Master of Science, Graduate School

School of Social Work

Bachelor of Science in Social Welfare

Twenty-seven candidates

Gail Vernelle Barker, Columbus
Sharon Lynn Barrett, Cleveland
Pamela Kruske Bennett, Cincinnati
Betsy Sheldon Burke, Ashtabula
Peter Andrew Carney, Kettering
Margaret Kirgis Craig, Dayton

Larry Joseph Kokinda, Port Clinton
Steven Clayton Kreis, Milford Center
Harold Norbert Leonhard, Monroeville
*William Charles Loebick,
Columbia Station

Michael David Lokai, Urbana
Timothy James Lyden, Urbana
Dennis Dale Martin, Logan
Danny Lee Maurice, Conover
Gerald Eugene McCluer, Jr., Lima
Richard Wesley Meiring,
Fort Recovery
William Irving Melbourne,
Willoughby

Larry Gene Miller, Lakeville
Harlan Martin Milne, Jr., Parma
Paul Edwin Moffitt, West Mansfield
Frank Joseph Munafa, Hamilton
Richard Lowell Nagel, Nevada
William Robert Nedderman,
New Bremen

Michael James Nicora, Hubbard
Dane Edward Nowels, Columbus
Clifford Francis Orley, Hudson
David Alan Parker, Wooster
Lynn Allen Parker, North Bloomfield
Dwight Edward Phillips,
Fredericktown

Larry Eugene Ralston, Kenton
David Lee Reese, Mt. Cory
Mark Alan Reynard, Columbus
Michael Roach, Eaton
Howard Louis Robinson, Shelby
Sandra Kay Ross, Oregonia
David Earl Sanders,
Cattaraugus, N. Y.
Joseph Hyland Scheetz, II, Springfield
David Dean Schneider, North Canton
John Carl Schreiber,
Palatine Bridge, N. Y.

Vincent Thomas Schroeder, Leipsic
Vaughn Leroy Siegenthaler,
West Liberty
David Eugene Simmons, Hillsboro
Gregory Emil Small, Newark
Earl Lee Smith, Hillsboro
Ralph Charles Smith, Andover
Ralph Dennis Smurr, Pickerington
Carl Daniel Snyder, Celina
Lee Edwin Sundermeier,
Bowling Green

Donald Edwin Swonger, Dover
Calvin Lee Taylor, McConnelsville
Mary Patricia Thomas, Granville
Kent Earl Thompson, Arcanum
Jerry Floyd Uhl, Millersburg
Elden Roy Villers, Rootstown
Anton Edward Vitu, Cleveland
Barry Lee Weber, Columbus

Tommy Lee Wentz, Wauseon
Robert Kimber Williams, Wilmington
Joseph Patrick Wolonsky, Barberton
David Richard Yahn, Cincinnati
Philip Joseph Yoder, Cincinnati
Larry Joseph Zimmerman, Mansfield

Bachelor of Science in Dairy Technology

One candidate

Erik Rusmanis, Parma Heights

Bachelor of Science in Food Technology

Three candidates

Roger Robert Dush, Wooster
Lynn Edward Matthews, Wilmington
Lawrence Stanley Sutton, Euclid

School of Home Economics

Bachelor of Science in Home Economics

Forty-three candidates

Julia May Anderson, Mt. Vernon
Susan Dianne Biggs, Columbus
Elizabeth Suydam Boger, Napoleon
Karen Coby Booren, Lima
Pamela Fern Borton, Yellow Springs
Judith Fitch Brown, Lockbourne AFB
Julia Stanley Brown, Columbus
Gloria Jane Calcara, Columbus
Tamara Buell Caudy, Sunbury
Susan Ann Cavanaugh, Tiffin
Sharon Fryer Cleland,
Washington C. H.

Janet Irene Collins, Columbus
Marguerite Elizabeth Cook, Norwalk
Christine Enid Fernelius,
Parma Heights

Katherine Sue Green, Worthington
Kay Luciano Hall, Vandalia
Sharon Lynne Hinder, Columbus
Susan Hanrahan Kocher,
Scotch Plains, N. J.

Barbara Jane Lyman, Oberlin
Barbara Alice Lynn, Farmdale
Marilyn Bernice Mack, Columbus
Catherine Estelle Mahan, Bristolville
Mary Ellen Mann, Reynoldsburg

Mary Margaret Marsh, New Albany
Lilah Grace Miles, Ashland
Lauren C. Mitchell, Pataskala
Nancy McConnell Mock, Mt. Vernon
Glenna Rae Musille, Mansfield
Mary Elizabeth Oliver, Reynoldsburg
Peggy Ann O'Neill, Delta
Marilyn Jane Peoples,
Rochester, N. Y.

Kathleen Ratusz, North Ridgeville
Cheryl Jones Sheard, Xenia
Billie Ann Smith, East Liverpool
Carolyn Eilbert Smurr, Pickerington
Lillian Carol Stamets, Columbiana
Carol Pattison Stegmillar, Columbus
Gayle Anderson Sutherland, Marengo
Roberta Ann Vanata, Cuyahoga Falls
Virginia Clymans Warren,
New Philadelphia

Kay Felkey Wensink, Worthington
Sharon Lou Williams, Columbus
Mitzie Lindsey Wilson, Granville

Bachelor of Science in Restaurant Management

Two candidates

Sharon Wolfe Derfingler, Dayton
Joseph Vincent Penzone, Columbus

* Also Bachelor of Science in Education,
College of Education

College of Dentistry

Dean: John R. Wilson

College of Education

Dean: Luvern L. Cunningham

Doctor of Dental Surgery

One candidate

Charles Fredric Levine, Wooster, B.S.

Bachelor of Science in Education

Two hundred and sixty-four candidates

Noreen Abookire, Parma Heights
Dennis Paul Ackerman,
Cleveland Heights
Diana Weir Anderson,
Hingham, Mass.
William Daniel Angel, Jr., Sunbury
David Roger Angles, Wellston
William Arroyo, Lorain
Barbara Ann Baczewski,
Bloomingtondale
James Patrick Bailey, Zanesville
Constance Kell Baker, Trotwood
Dennis George Bame, Jenera
Sharon Guenther Barnes, Huron
Sue Ann Barr, Hilliard
Barbara Ann Bartlett, Cincinnati
Raymond Charles Bauer, Middletown
Judith Ann Bauman, Toledo
Carolyn O'Keefe Bebee, Willard
Jerry Ray Bell, Barberton
David Charles Belt, Washington C. H.
Melinda Lee Berger, Midland
David Robert Birckbichler,
Westerville
Helen Augusta Bissman, Mansfield
Thomas Charles Bittner, Cincinnati
Connie Cessna Blanchette, Grafton
Roderick Harry Bogner, Mansfield
Jean-Claire Sims Bohm, Wapakoneta
Charlotte Marie Bokal, Euclid
Jeanne Brilla Booms, Burton
Cheryle Meek Brenner, Sunbury
Penny Rae Brill, Columbus
Sheryl Mae Brinker, Medina
Mary Beth Brothers, Rocky River
Linda Shaefer Brown, Columbus
George Gregory Bruck, Bedford
Elizabeth L. Brutvan,
Cleveland Heights
Linda Lou Buck, Columbus
Margie Dell Burden, Cleveland
Arlene Silverstein Cable,
Shaker Heights
Janice Baird Cassady, Hilliard
Judith Ellen Chapman, Newark
John Mark Cheadle, Zanesville
David Charles Chuha, Parma
Mary Ann Melching Clemons,
Cleveland
Russell Allen Cochrane, Columbus
Carolyn Corrine Coldren, Columbus
Carol Ann Cole, Columbus
Joe Edward Cook, Columbus
Deborah McGee Coss, Columbus
Natasha Eve Cowan, Columbus
Elizabeth Annabel Crall, Tiro
Shirley Beard Crotcher, Bradford
Liane Woltmann Curren, Marion
Judith Anne Dailey, Wintersville
Penelope Tell Dearth, Columbus
Beverly Garver Deaton, Marion
Grace Patterson DeLong, Adelphi
Dolphine Schlote Denman, Columbus
Clare Yurick Dentzer, Cleveland
Van Keith Derryberry, Lima
Linda Minor Diltz, Circleville
Harold Irvin Dipple, Jr., Bellefontaine
Charrie Yvonne Dolfi, Steubenville
Patricia Anne Donahue,
Carle Place, N. Y.
Ruth Anne Downhour, Elida
Jill Kathryn Drexel,
Mayfield Heights
Gary Edward Dudley, Columbus
Connie Mae Dussing,
Cleveland Heights
Richard Alan Eckenfels,
Maple Heights
Lynn Helen Eicholz, Lakewood
Linda Lee Ellis, Dublin
Barbara Jean Elsass, Waynesfield
Judith Donda Eschbacher,
North Royalton
Cheryl Anne Evans, Cambridge
John Warren Evers, Ashland
Alan Kenneth Feikle, Cleveland
Michael George Fetzek, Columbus
Patricia Anne Filipic, Maple Heights
Jo Ann Fisher, Delaware
Jack Thomas Fletcher, Crestline
Kathleen Mary Flor, Stoneham, Mass.
Pamela Leigh Flora, Columbus
Lesli Beck Forster, Columbus
Karen Classon Fox, Columbus
Richard Patch Frankhouser,
Lafayette
Joel Bernard Friedman,
University Heights
Shirley Rachelle Frum,
Cleveland Heights
Marmee Joan Fry, Springfield
Ruth Hedges Gearhiser, Radnor
Patricia Cannon Giering, Youngstown
Carol Rae Ginsberg, Atlanta, Ga.
Linda Jean Fisher Glenn,
Fredericktown
Kathleen Louise Glover, Hinckley
Phoebe Lynne Golke, Fairview Park
Joan Ines Graska, Mansfield
Elizabeth McCarthy Green, Newark
Jane Williams Greissinger, Newark
Kathleen McFeaters Hamilton,
Allen Park, Mich.

Deborah Lynne Harris,
Hollis Hills, N. Y.

William Lee Harris, Martins Ferry
Connie Neil Hatfield, Park Forest, Ill.
Steven Eugene Haynes, Columbus
Mary Catherine Heitmeyer,
Ft. Jennings
Barbara Konig Hendershot,
Rocky River
Patricia Ammons Hendricks, Columbus
Mary Louise Hendrickson, Mansfield
David Kenward Henkle, Roundhead
Vivian Long Henson, Sulphur Springs
*Norma Jean Herz, Dover
Marlene Huffman Heston, Centerburg
Sharon Dwoskin Hirsh, Akron
Mary Ann Brown Holtman, St. Marys
Patricia Jean Holmes,
Columbus Grove
Alice Elizabeth Horvath, Mentor
Janet Wack Huguenaud, Mansfield
Sharon Lee Humphrey, Columbus
Louise Sonderman Hunt, Marion
Diane Joan Hylan, Shaker Heights
Louis Gene Ignatz, Elyria
Terry Allen Imes, Columbus
Margaret Ingalls, Columbus
Ronald Harold Johns, Lima
Harriet Eckelberry Jones, Columbus
Janice Maria Jones, Columbus
Jeffrey Lynn Jones, Columbus
Lee Ann Jones, Dublin
Margaret Mackenzie Jones, Newark
Melanie Dee Keye, Cincinnati
William John Kilkenny, Columbus
Dana Ross Kimes, Plymouth
James Howard King, Lima
Jeanne Price King, Coshocton
Linda Cohagen Klinksick, Columbus
Karen Spears Knepper, Columbus
Charles John Knorr, Taylor, Mich.
Aileen Carson Koewler, Worthington
James Frank Kordon, Akron
Lynne Anderholm Kottman, Columbus
Judy Lynne Kravitz,
Miami Beach, Fla.
Cheryl Ann Krockner, Loudonville
Joyce Kronfeld, University Heights
William Tennyson Krugh, Walbridge
James Anthony Lis, Wickliffe
Gail Anne Lloyd, Dayton
**William Charles Loebick,
Columbia Station
Betty Eileen Long, Columbus
Nancy Gwynne Lore, Columbus
Trudy Mann Lusher, Columbus
Phyllis Bishop Mansfield, Milan
Janice Elaine Marshall, Columbus

Alice Jeanette Mascari, Marion
Baerbel Safranek Mason, Columbus
Helen Kowalski Masters, Columbus
Barbara Schreiner Mathers, Columbus
Robert Morris McCance, Jr., Sylvania
Gladys McIntosh, Lebanon
Katherine Marie McNamara,
Delaware
Jean Corcoran Mendelsohn, Columbus
Timothy James Mertins, Cleveland
Joyce Irwin Miley, Marengo
Bruce Rowland Miller, Mansfield
Madeline Mae Miller, Columbus
Sharon Rene Mitchell, Champaign, Ill.
Barbara J. Bryan Morse, Columbus
Thomas Warren Murch,
Holliston, Mass.
Judith Ann Murray, Buffalo, N. Y.
Jennifer McDaniel Nance, Columbus
Sharon Fay Neeper, Columbus
Albert Ray Neff, Columbus
John Ernest Nelson, Bellefontaine
Robert Earl Nelson, Worthington
Ronald Mack Oaks, Bellefontaine
Murvil Bothwell O'Dell, Worthington
Rita Ann Oney, Norwalk
Adria Baratt Perelman, Cleveland
James Arthur Perkins, Dayton
Jean Davis Peterson, Mentor
Lynn Anne Petro, Chillicothe
Geraldine Osborne Petros, Minerva
Elizabeth Robinson Pettit, Columbus
Velma Stimmler Pilo, Mansfield
Betty Womack Powell, Columbus
Diane Compton Powell, Columbus
Janet Marie Probala, Cleveland
Cheryl Levy Rampelt, Chicago, Ill.
Carol Bishop Rausch, Columbus
Linda Kaye Raybuck, Wellington
Jerry Clay Rector, Columbus, A.B.
Sheryl Rhoades Reed, Belle Center
Paul David Reeder, Alliance
Marlene Sue Reiser, Columbus
Barbara Ann Reynolds, Columbus
Sandra Jeanne Reynolds,
Pittsburgh, Pa.
Alvenia Rhea, Grove City
Frances Noldon Roberts, Columbus
Linda Lee Roberts, Genoa
Jean Kelley Robinson, Columbus
Joan Elaine Rock, Rochester, N. Y.
Andrea Jane Rogers, Steubenville
Sarah Roush Rogers, Columbus
Edward James Rohrbaugh,
Wapakoneta
John Arthur Roller, Prospect
Barbara Ruth Rollins, Springfield
Linda Eve Sankoski, Akron
Raymond Edward Schaefer, Granville

Bette Hamilton Schulken, Columbus
Sandra Pound Schultz, Newark
Estelle Masoni Scott, Columbus
William Erdman Sempf, Steubenville
Charles David Sheikowitz,
Wheeling, W. Va.
Marilyn Janis Shell, Columbus
Cheryl Skander Shiningier, Bedford
Samuel Allen Shoemaker, Heath
Sandra Simpson, Newark, N. J.
Sandra Marie Slevinski, Seven Hills
Sarah-Ann Parsons Smiley,
Canal Winchester
Candace Smith, Summit, N. J.
Kathleen Alice Smith, Bucyrus
Robert Peter Smith, Jr., Lakewood
Sandra Kay Smith, Bethesda
Ann Leslie Snedeker,
Great Neck, N. Y.
Marilyn Ilene Spacone,
Shaker Heights
Dale Cooper Spector, Metuchen, N. J.
Linda Carol Spiker, Norwich
Sara Marble Stanton, Marion
Timothy Lee Steingass, Medina
Steven Conrad Stone, Columbus
Susan Lister Stroope, Columbus
Gary Evan Stull, Waynesboro, Pa.
Neil Edwin Stutz, Piqua
Kaye McCormick Sulser, Powell
Walter Louis Sunderhaus, Cincinnati
Beverly MacDonald Swaidner, Tiffin
John William Swisshelm, Hillsboro
Theodore Dennis Szakmary,
Brentwood, N. Y.
Gregory Henry Tedesco, Cincinnati
Barbara Booth Thomas, Kimbolton
Elaine Marie Thomas, Columbus
Marthalee Shaffer Thomas, Columbus
Terry James Thompson, Columbus
Sue Anne Toms, Columbus
Gwendolyn Renfrew Tracy, Lexington
Charles Lord Vedder, Columbus
Margaret Louise Volz, Cincinnati
Karen Faye Wallace, Grove City
Joyce Ann Watson, Columbus
Karen Sue Watts, Columbus
Tommy Lee Webb, Columbus
Martha Ann Wenning, Cincinnati
Deborah Johnson West, Berea
Linda Jean Whittington, Columbus
David Carlton Williams, Tiffin
Marilynn Apsolon Williams, Mansfield
Lynn Denise Wilson, Columbus
Nancy Kay Winget, Lima
Sherrie Jean Winkelman, Newark

* Also Bachelor of Arts, Colleges of the Arts and Sciences
** Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

College of Engineering

Dean: Harold A. Bolz

Suzann Marilee Wirthman, Delaware
Phillip Melvin Wishon, Columbus
Alice Jane Wolfe, Worthington
Linda Stubbs Woodward, Mt. Sterling
Patricia Dziamba Worrell, Columbus
Laura Ruth Dain Wright, Marysville
Barbara Lindner Yahn, Cincinnati
Nancy Walker Yonk, Toledo
Delores Zachik, Sharon, Pa.
Rosann Marie Zingales,
Broadview Heights

Bachelor of Aeronautical and Astronautical Engineering

Four candidates

Edward Francis Brooks, Kettering
Richard Bruce Lowe, Union
Jeffrey Joel Smith, Columbus
*Dale Lee Stimpert, Ashland

Bachelor of Agricultural Engineering

One candidate

*Robert Bernard Wensink,
Monroeville

Bachelor of Science in Agricultural Engineering

Two candidates

Dean Fredrick Hire, Bellevue
Marvin Eugene Muntz, Holgate

Bachelor of Ceramic Engineering

Two candidates

Michael William Carroll,
Reynoldsburg
*Daniel Allan O'Brien, Zanesville

Bachelor of Chemical Engineering

Two candidates

Michael Joseph Gorman,
Syracuse, N. Y.
Rodney Robert Welsh, Largo, Fla.

Bachelor of Civil Engineering

Five candidates

Michael William Bow, Clayton
Richard Arvid McGuinness, Coshocton
Paul Milton Sensibaugh, Bergholz
Frank Edward Van Horn, Wayne, Pa.
Jerry Gene Wysong, West Manchester

Bachelor of Science in Civil Engineering

Six candidates

Rhea Kuhn Caldwell, Columbus
Robert William Jorgenson,
Norfolk, Va.
James Edward McKinniss, Wellston
Leland Earl Ozbun, Pittsburgh, Pa.
Paul Robert Schlegel, Columbus
Paul Harvey Zinszer,
Hamilton, Ont., Canada

Bachelor of Science in Computer and Information Science

Four candidates

Thomas Robert George, Botkins
George Michael Koval, Barberton
Daniel Petrossian, Meshed, Iran
Eduardo Zuluaga, Medellin, Colombia

Bachelor of Electrical Engineering

Nine candidates

James Owen Everly, Marion
Wyte Hutuanuwongsakul,
Bangkok, Thailand
Charles Richard Irish, Jr., Circleville
Alan Lloyd Landgraf, Painesville
Robert Michael Lukens, London
William Roy Nolan, Lexington
*John Edward Shea, Columbus
Stephen Arthur Steward, Milford
Robert Gifford Wickliff, Jr., Columbus

Bachelor of Industrial Engineering

Thirteen candidates

Jack Alan Arnold, Lima
*Thomas Sergei Guins, Bucyrus
Charles William Hurd, III,
West Salem
Jack Carter Ihle, West Chester
Philip French Kearney, Xenia
Thomas Allen Kevern, Kettering
Dennis James Lowe, Orrville
George Harry Mihaly, Jr., Akron

* Also Master of Science, Graduate School

College of Law

Dean: Ivan C. Rutledge

William Wittman Rollin,
Fairview Park
Robert Paul Saville, Westlake
Dennis Joseph Sebian, Painesville
Raymond William Shoup, Niles
Roger Shirl Vincent, East Liverpool

Bachelor of Science in Industrial Engineering

Eleven candidates

Timothy Robert Bridges, Cincinnati
Ronald James Briggs, Frankfort
Thomas Evan Eberhardt, Chesterland
Melvin Kosanchich, Jr.,
Cuyahoga Falls
George Charles Parks, Avon Lake
Robert Edward Ploetz, Willowick
Robert Thomas Preston, Columbus
Dennis Robert Schlett, Sandusky
John Arthur Shumaker,
Fairview Park
Franklin Ronald Smith, Worthington
Paul Alfred Yancey,
Whitesboro, N. Y.

Bachelor of Mechanical Engineering

Seven candidates

James Burton Baer, Orrville
Harold Emerson Cheyney, Columbus
John Douglas James, Kettering
*Thomas Alan Klausung, Leipsic
Michael Williamson Preis,
Yellow Springs
*Howard Dalton Swingle, Philo
Robert Allen Yano, Parma

Bachelor of Science in Mechanical Engineering

Twenty-five candidates

Gregory Gene Bietry, Lima
Walter Phillip Britton, Dayton
Laurence Gene Crispin, Barberton
Timothy Omer Downing, Columbus
Bertram James Durie, III, Wooster
Robert Ernest Farrell, Lorain
Robert Newton Fletcher, Miamisburg
John Gary Gensheimer,
Schenectady, N. Y.

Richard Joseph Gillenwater, Wooster
Ton Go, Jr., Calocan, Philippines
Thomas Michael Gorman, Grove City
John Joseph Hally, Columbus
John Everest Hart, Kettering
William Allen Mayor, Cleveland
Afamefuna Patrick Offiah Morris,
Enugu, Nigeria
Stephen Arden Mowrer, Columbus
Richard Allen Pender, Parma
Dennis Ray Piper, Cleveland
Clayton Victor Reuse, Bedford
George John Rhyner, Brooklyn
Ambrose Leo Schwallie, Quaker City
Larry Lee Sharp, Dayton
James Alan Susko, Findlay
Raymond Dale Tallman, II, Columbus
Allen Richard Tymkewicz,
Fairview Park

Bachelor of Science in Engineering Physics

Two candidates

John Robert Thompson,
Parma Heights
Larry Arthur Zielke, Van Wert

Bachelor of Welding Engineering

One candidate

Glenn Nelson Fischer, Dayton

School of Architecture

Bachelor of Architecture

One candidate

John Donald Juniper, Jr., Columbus

Bachelor of Science in Architecture

One candidate

Charles Leland Taylor Smith,
Washington C. H.

Juris Doctor

Twenty candidates

Mark Shelton Anderson, Columbus
B.A. (Miami University)
Thomas Adrian Carpenter, Tiffin
B.A. (University of Notre Dame)
James Timothy Cline, Jr., Kettering
B.S. (Indiana University)
William Clark Donahue, Youngstown
B.A. (Denison University)
Nancy Jackson Ezis, Findlay
B.A.
Theodore Paul Frericks, IV, Marion
B.A. (University of Notre Dame)
David Bruce Hornbeck, South Vienna
B.A. (Ohio Wesleyan University)
David Vernon Hutchinson, Columbus
B.S. (United States Naval Academy)
David Edgar Jones, Cleveland
B.B.A. (Kent State University)
David Maynard Kauffman, Columbus
B.A., M.B.A.
William Wilson Kenneweg,
New Concord
B.A. (Tarkio College); M.A.
Robert Phillip Moses, Columbus
B.S. in Soc. Wel.
John Daniel Munkacsy, Jr., Berea
B.S. in Bus. Adm. (Bowling
Green State University)
Roger Herbert Norman, Lancaster
B.A. (Ohio Wesleyan University);
M.A.
David Edward Railsback, Eaton
A.B. (Hanover College)
Gregory Lewis Ridler, Pepper Pike
A.B. (Hanover College)
William Firman Schenck, Jr.,
Richmond, Va.
B.A. (University of Richmond)
Vaughn Franklin Stocksdale,
Rossburg
B.A. (Manchester College)
Joel Tice Thomas, Columbus
B.A. (Trinity College)
Terry Dale Van Horn, Columbus
B.A.

Bachelor of Laws

One candidate

Abe R. Kipperman, Toledo

* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

College of Optometry

Dean: Frederick W. Hebbard

School of Allied Medical Professions

Bachelor of Science in Medical Illustration

One candidate

Carolyn Sue Stringer, Hopedale

Bachelor of Science in Medical Technology

Six candidates

Linda Mae Cummins, Springfield
Kathleen Ann Forrester, Columbus
Kathryn Petersen Lowther, Akron
Myra Sue Myers, Kipton
Margaret Baxter Nevin, Mt. Vernon
Thomas Alan Robinson, Akron

Bachelor of Science in Occupational Therapy

Two candidates

Rochelle Helene Feldman,
Pascagoula, Miss.
Dena Meckler Shapiro,
Cleveland Heights

Certificate of Graduate Physical Therapist

One candidate

Donald James Cook, Jr., Williamsport
B.S. in Edu.

Certificate of Nurse Anesthetist

Five candidates

Jesse Paul Burns, Athens, Tenn.
Thomas Franklin Haaser, Columbus
Elizabeth Foust Murphy,
Clinton, Tenn.
Lula Mae Eskridge Rayfield, Columbus
Wayne E. Yutzzy, Columbus
B.S. in Nursing

School of Nursing

Bachelor of Science in Nursing

Fifteen candidates

Rae Ellen Bohdal, Parma
Valerie Wickner Burton, Columbus
Pamela Maria Disken, Cincinnati
Ruth Lillian Elliott, Columbus
Jayne Gillman Halliwell, Rittman
Marjorie Hopkins Hay, Delaware
Susan K. King, Crooksville
Sharon Beth Kittelberger, Rocky River
Sherry Norris Meyers, Eaton
Jacqueline King Murphy, Columbiana
Constance Julian Myers, Columbus
Gloria Freda Rudibaugh, Cridersville
Janice Mae Ryan, Reynoldsburg
Donna Cameron Sylvester, Cincinnati
Elaine Anne Turner, Parma

Doctor of Optometry

One candidate

William John Hamilton, Columbus
B.S.

Graduates with Honors

Summa Cum Laude

William Adams Byers, Bellville
Robert Newton Fletcher, Miamisburg
Theresa Kay Jelley, Columbus
David Maynard Kauffman, Columbus
Sharon Beth Kittelberger,
Rocky River
Murvil Bothwell O'Dell, Worthington
Sarah Roush Rogers, Columbus
Howard Dalton Swingle, Philo
Donna Cameron Sylvester, Cincinnati

With Distinction in Agronomy

Jack Emerson Hoffman,
Morenci, Mich.
Lyle Allen Jones, Port Clinton

With Distinction in Animal Science

Judith Ann Coen, Willingboro, N. J.

With Distinction in French

Mary Sydir, Cleveland

Cum Laude

William Daniel Angel, Jr., Sunbury
James Patrick Bailey, Zanesville
Sharon Guenther Barnes, Huron
Jean-Clare Sims Bohm, Wapakoneta
Linda Lou Buck, Columbus
Tamara Buell Caudy, Sunbury
Beverly Garver Deaton, Marion
Linda Minor Diltz, Circleville
Christine Enid Fernelius,
Parma Heights
Glenn Nelson Fischer, Dayton
Theodore Paul Frericks, IV, Marion
Merrickay Shope Hall, Troy
Marjorie Hopkins Hay, Delaware
Gary Duane Leatherman,
New Philadelphia
William Allen Mayor, Cleveland
David Curtis Nickol, Cincinnati
Chad Alan Norcross, Berea
Roger Herbert Norman, Lancaster
Carol Bishop Rausch, Columbus
Jeffrey Joel Smith, Columbus
John Brummitt Stephens, Oberlin
Beverly MacDonald Swaidner, Tiffin
Joel Tice Thomas, Columbus
John Robert Thompson,
Parma Heights
Charles Lord Vedder, Columbus
Susan Yancey Spector Wegelin,
Akron

Cum Laude and with Distinction in Botany

Ned Alan Stombaugh, Bryan

Cum Laude and with Distinction in Spanish

Donna Alvarado Lane,
Alexandria, Va.

Graduates to be Commissioned in the Armed Forces

UNITED STATES ARMY

Second Lieutenant, United States Army Reserve

Adjutant General's Corps

Ronald Joseph Gunderson†
Harry Jerome Kingdom†
Walter Louis Sunderhaus†
Theodore Dennis Szakmary†
James Joseph Tankersley†

Air Defense Artillery

Gerald Wayne Kramb
Dennis Robert Moore
James Francis Ricketts†
Stuart Mark Tishkoff

Armor

John Irvin Andrix
Philip Drew DeVore
John Joseph Doherty
Michael David Feldman†
Steven Conrad Stone†
Thomas Joseph Weisenbach†
Roger Lee Wells

Chemical Corps

Dale Edward Donaldson†
James Edward Kensey
Larry Joseph Kokinda

Corps of Engineers

Thomas Edward Hennigan
John Steven Howell
Jerome Albert Lemire
Theodore Allen Lencheski
David Edward Lichy
Thomas Edward Lutz
David Youmans Palmer
Dwight Edward Phillip†
William Jefferson Pinnick
Mark Alan Reynard
Charles Leland Taylor Smith†
Earl Lee Smith
Calvin Lee Taylor
Terence David Tincher

Field Artillery

Carl Joseph Breth
Thomas Paul Gerbasi
Charles William Hurd, III
William Charles Loebick
Julius Judson Mesteller, Jr.
Robert Charles Morton
William Francis Parnell
Parker Edward Phillips
Donald VerWieb Schwartz
Vaughn Leroy Siegenthaler
Neil Edwin Stutz
Elden Roy Viller†

Finance Corps

Robert Edward Leef

Infantry

James Cronin Brundrett
Russell Allen Cochrane
Gary Curtis Dearth
Ronald Lynn Dickenson
Riley Merton Edwards
David Barry Ferriman
Michael George Fetzek
Brian Nevin Florence
Robert McCord Harris
William Lee Harris
Daniel John Held
Earl Neil Hoover
Thomas Jefferson Isner
Robbin Andrew Johnson
Gregory Lee Karam
Robert John Lazar
Charles Robert Morgan
Robert Wendell Palenshus
Roger Gene Parrot
James Arthur Perkins†
Peter Vincent Rast
Robert Neil Shaffer
Charles David Sheikovitz
George Gordon Stein, II
Roy Wendell Steinhoff
Ronald Paul Thomas
John Lee Whitmer
John Nolan Zinsmaster

Medical Service Corps

Harry Herbert Evans, Jr.
Charles Frederick Ferris
Ralph Charles Smith
John Anthony Sokol

Military Intelligence

William Daniel Angel, Jr.
Larry Franklin Burchfield
Marion Dean Cole
Stephen Craig Conrad

Military Police Corps

Jerry Stanley Gerard†
William Clifford Haller†
Richard Eugene Sherer

Ordnance Corps

William Dennis Katis
William John Kilkenny
Ronald Andrew Romito
John Richard Schuster
Timothy Owen Sullivan
Raymond Dale Tallman, II†
Larry Allen Trager

Quartermaster Corps

Brent Alvin Bartels
Steven George Bullett
Charles William Bush
Terence Lee Carpenter
Anthony Paul Debevc†
Thomas Joseph Garrity
Frederic Alan Garten

Roger Leslie Golub
Robert Leslie Harrison
David John Hoffman†
Steven Eric Houchin
Edward Norman Jacobs
Lynn Allen Parker
David William Sheets
Raymond Joseph Troth
Anton Edward Vitu

Signal Corps

John Clement Billotte
Keith Allen Kidner
David Eugene Simmons
Stephen Arthur Steward
John Francis Wolf

Transportation Corps

John David Austin, Jr.†
Jerry Ray Bell
Charles Ray Cook, Jr.†
Brian Paul Pittner

† Denotes Distinguished Military Graduate

Page 331 Blank

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 12, 1970

The Board of Trustees met at its regular monthly meeting on Thursday, February 12, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

* * *

Minutes of the last meeting were approved.

* * *

February 12, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Buildings

Upon the recommendation of the College of Agriculture and Home Economics, and with the concurrence of the President's Cabinet, President Fawcett recommended that the building located at 1827 Neil Avenue presently identified as the Horticulture and Forestry Building be renamed "Lazenby Hall," to honor the memory of Professor William Rane Lazenby, the first Chairman of Horticulture at The Ohio State University and the first Director of the Ohio Agricultural Experiment Station (now the Ohio Agricultural Research and Development Center).

Also upon the recommendation of the Department of Chemistry, and with the concurrence of the President's Cabinet, President Fawcett recommended that the building located at 176 West 19th Avenue now known as the Research Laboratory be renamed "Herrick L. Johnston Laboratory." The late Professor Johnston was a member of the Chemistry Department from 1929 to 1954 and was one of the persons primarily responsible for the construction of the building and the establishment of the cryogenic laboratory which was housed in this building.

These recommendations are in accordance with the Bylaws of the Board of Trustees.

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

B. Establishment of Programs Leading to Certificate of Medical Illustration and Certificate of Circulation Technology

The Faculty Council on December 9, 1969, with the endorsement of the Council on Academic Affairs, approved the request from the School of Allied Medical Professions that the certificate programs currently offered be expanded to include a Certificate of Medical Illustration and Certificate of Circulation Technology.

There is precedent for such certificate programs in the School of Allied Medical Professions since the Physical Therapy Division gives post-baccalaureate certificates in a program approved by the Faculty Council and Board of Trustees.

The certificates in Medical Illustration and Circulation Technology are requested for students who hold baccalaureate degrees from this or other institutions of higher learning. The curricular program will provide professional preparation for those who wish to become medical illustrators or circulation technologists who have taken their baccalaureate work in another field. These certificates will require one year of studies of a professional nature. The certificate will provide the student with valid evidence of this professional training beyond the baccalaureate degree and will enable him to practice his profession.

February 12, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of Programs Leading to Certificate of Medical Illustration and Certificate of Circulation Technology (continued)

President Fawcett recommended that the foregoing certificate programs be approved by the Board of Trustees, effective with Summer Quarter, 1970.

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

C. Revisions of Rules 35.07, 37.15 and 47.01 of Rules for the University Faculty

On December 9, 1969, the Faculty Council approved revisions in the Rules for the University Faculty which relate to changes necessary for the marks on student records when students withdraw from courses or from the University.

1. That the marks WP and WF - Withdrawal be added to Rule 35.07 as two of the approved marks of the University. (See complete text of changes in Appendix IV, page 381.)
2. That the present Rule 37.15 be deleted and that the new Rule 37.15 be substituted for the old rule. This rule provides for the mark WP for passing work or WF for failing work at the time a student withdraws from University courses between the sixth and eighth weeks of the quarter. After the eighth week, the student receives WP or E as his mark in any courses from which he withdraws.
3. That the present Rule 47.01 on Withdrawal from the University be modified to make it possible for a student to withdraw of his own volition during the first eight weeks of the quarter. The student's record will be marked in accordance with Rule 37.15 on withdrawal from courses.

President Fawcett recommended that the foregoing changes in Rules for the University Faculty be approved.

Upon motion of Mr. Shocknessy, 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 changes in the next printing of the Rules for the University Faculty.

February 12, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Reprinted Publication Entitled--Statutes Applying to the University, By-laws of the Board of Trustees and Rules for the University Faculty

The publication entitled, Statutes Applying to the University, Bylaws of the Board of Trustees and Rules for the University Faculty, has been reprinted to conform to the changes which have been approved by the Board of Trustees since the last publication in January, 1968. 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. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Elimination of Office of Research and Incorporation of Duties in the Office of the Vice President for Academic Affairs and Provost

President Fawcett recommended that proposed changes in the Bylaws of the Board of Trustees and Rules for the University Faculty to accommodate the elimination of the Vice President for Research as a separate office and entity and incorporation of the authority and duties relative to research and sponsored programs within the Office of the Vice President for Academic Affairs and Provost be approved. It was recommended further that the Secretary be authorized to make the appropriate substantive and editorial changes to accommodate this reorganization in the next printing of the Bylaws of the Board of Trustees and Rules for the University Faculty.

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

F. Honorary Degrees

The Faculty Council on January 13, 1970, recommended twenty-three recipients for honorary degrees to be conferred during the Centennial Year. President Fawcett recommended that the Board of Trustees approve the Faculty Council recommendation. The names of the recipients will be announced at appropriate times during the Centennial Year.

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

I. GENERAL RECOMMENDATIONS (continued)

G. Adoption of an Official Seal for the College of Dentistry

The faculty of the College of Dentistry has proposed that a seal be adopted for use by the College. This seal, symbolic of the relationship of the profession of Dentistry to education at The Ohio State University, is described as follows:

The "O" with the open book and buckeye leaf are part of the University seal and signify learning. The "O" also represents the Greek letter Omicron which is the first letter of the Greek word Odont meaning tooth.

The triangle represents the Greek letter Delta which together with the cautery and the branches with leaves and berries are symbolic of the profession of Dentistry. The leaves represent the thirty-two teeth in the permanent dentition, the berries the twenty teeth in the deciduous dentition.

President Fawcett recommended that the Board of Trustees approve the proposed seal as submitted by the Dean of the College of Dentistry and described above, and further, that the original copy of the seal be filed with the official records of the University.

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

H. 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:

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 development of a Clinical Medical Sciences Education Facility (Inpatient Teaching Facility).

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.

February 12, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

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

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

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 11, 1969 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:

A. Appointments

James C. Kirby, Jr., Dean and Professor, College of Law, effective July 1, 1970, at a salary of \$32,688.00 per annum.

Robert C. Stephenson, Vice Provost for Research and Sponsored Programs in the Office of Academic Affairs, effective February 1, 1970, at No Salary. Dr. Stephenson will continue as Executive Director of The Ohio State University Research Foundation.

John E. Andreas, Professor, Department of Veterinary Medicine, effective January 1, 1970, at a salary of \$25,008.00 per annum.

Roald F. Campbell, Novice G. Fawcett Professor of Educational Administration, College of Education, effective July 1, 1970, at a salary of \$30,168.00 per annum.

Robert F. Redmond, Professor, Department of Mechanical Engineering, effective July 1, 1970, at a salary of \$23,328.00 per annum.

John P. Stanley, Director of the Public Management Programs in the College of Administrative Science, effective February 1, 1970, at a salary of \$18,168.00 per annum.

February 12, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

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:

Paul R. Hothem, Instructor (County Extension Agent, 4-H) Knox County, effective January 1, 1970 through March 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Joseph C. McClanahan, Instructor (County Extension Agent, 4-H) Hancock County, effective January 1, 1970 through March 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Albert R. Pugh, Instructor (Extension Economist, Community Resource Development), effective January 1, 1970 through June 15, 1970, to participate in a program of professional improvement at The Ohio State University and Michigan State University.

C. Leaves of Absence Without Salary

Hans L. Zetterberg, Professor and Chairman, Department of Sociology, effective February 15, 1970 through March 31, 1970, to engage in research in Europe.

Melvin N. Greenball, Associate Professor, College of Administrative Science - Accounting, effective January 1, 1970 through March 31, 1970, to serve as a Visiting Professor at UCLA.

Raphael D. Levine, Associate Professor, Department of Chemistry, effective January 1, 1970 through June 30, 1970, to serve as a Visiting Professor at Hebrew University, Jerusalem.

February 12, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Samuel T. Battaglia, Assistant Professor, College of Administrative Science - Accounting, effective January 1, 1970 through June 30, 1970, to serve as a Visiting Professor at the University of Denver.

Charles H. Shultz, Assistant Professor, Department of Geology, effective January 1, 1970 through January 31, 1970, to engage in research on a National Science Foundation grant.

Patricia A. Braden, Instructor (County Extension Agent, Home Economics) Lucas County, Cooperative Extension Service, effective December 1, 1969 through May 31, 1970, for personal reasons.

Margaret E. Griffiths, Instructor (County Extension Agent, Home Economics) Meigs County, Cooperative Extension Service, effective December 16, 1969 through June 15, 1970, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Charles A. Haas, Professor Emeritus, Cooperative Extension Service, effective February 1, 1970.

Christine R. Nichols, Professor Emeritus, School of Social Work, effective February 1, 1970.

Arthur Tye, Professor Emeritus, College of Pharmacy, effective February 1, 1970.

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

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February 12, 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

November 22, 1969 - January 16, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	25	\$ 961,631.00
Industrial and Other Research	3	45,019.00
<u>Grants</u>		
Government Research - Federal	20	508,014.00
Industrial and Other Research	9	<u>90,928.26</u>
Totals	57	\$1,605,592.26

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 the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as U. S. Army Medical Research and Development Command Project No. 1857 - Amend. #9 - Department of Preventive Medicine).
Gross Value - \$38,735.00.
- b. Department of the Army, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland, Development of Ferroelectric and Ferromagnetic Radiation Detectors (to be known as U. S. Army Edgewood Arsenal Project No. 2203 - Mod. #7 - Department of Mechanical Engineering).
Gross Value - \$5,000.00.
- c. 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 National Institutes of Health Project No. 2356 - Mod. #5 - Department of Medical Microbiology).
Gross Value - \$43,987.00.

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 the Navy, Office of Naval Research, Washington, D. C., Research on and Culture of Calcareous Green Algae (to be known as Office of Naval Research Project No. 2410 - Amend. #3 - College of Biological Sciences).
Gross Value - \$14,422.00.
- e. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., Translocation and Bioaccumulation of Cl-36 DDT in a Terrestrial System (to be known as Bureau of Sport Fisheries and Wildlife Project No. 2464 - Amend. #3 - College of Biological Sciences).
Gross Value - \$6,535.00.
- f. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as U. S. Atomic Energy Commission Project No. 2560-B - Mod. #2 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$12,000.00.
- g. U. S. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as U. S. Atomic Energy Commission Project No. 2589-B - Mod. #2 - Department of Chemistry).
Gross Value - \$41,513.00.
- h. Department of the 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 Air Force Institute of Technology Project No. 2638 - Mod. #5 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$1,700.00.
- i. 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 National Institutes of Health Project No. 2740 - Mod. #2 - College of Biological Sciences - Entomology).
Gross Value - \$300.00.
- j. Department of the Army, U. S. Army Research Office - Durham, Durham, North Carolina, An Investigation of Chemically Assisted Lasers (to be known as U. S. Army Research Office - Durham Project No. 2745 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$4,500.00.

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)

- k. Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2758 - Mod. #1 - Department of Geodetic Science).
Gross Value - \$61,000.00.
- l. Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2758-A - Mod. #1 - Department of Geodetic Science).
Gross Value - \$34,000.00.
- m. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on the Pharmacology of TVOPA (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2828 - Mod. #1 - Department of Preventive Medicine).
Gross Value - \$35,068.00.
- n. Department of the 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 Air Force Institute of Technology Project No. 2855 - Mod. #1 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$300,000.00.
- o. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule - AFIT - Civil Engineering School (to be known as Air Force Institute of Technology Project No. 2855-A - Mod. #2 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$12,097.00.
- p. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 2958 - New - Department of Metallurgical Engineering).
Gross Value - \$107,000.00.

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)

- q. Navy Purchasing Office, Los Angeles, California, Sea-Surface Effects on Air-Water Optical Communications (to be known as Navy Purchasing Office Project No. 2959 - New - Department of Electrical Engineering).
Gross Value - \$39,500.00.
- r. Rome Air Development Center, Griffiss Air Force Base, New York, Photogrammetric Range Exploitation (to be known as Rome Air Development Center Project No. 2963 - New - Department of Geodetic Science).
Gross Value - \$33,173.00.
- s. Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Degradation Mechanisms of Pigmented Coatings (to be known as Aeronautical Systems Division, Air Force Systems Command Project No. 2965 - Amend. #1 - Department of Ceramic Engineering).
Gross Value - \$6,615.00.
- t. Department of the Navy, Office of Naval Research, Washington, D. C., Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Office of Naval Research Project No. 2966 - New - Department of Metallurgical Engineering).
Gross Value - \$22,000.00.
- u. U. S. Air Force, Rome Air Development Center, Procurement Division, Griffiss Air Force Base, New York, Analytical Photogrammetry (to be known as Rome Air Development Center Project No. 2968 - New - Department of Geodetic Science).
Gross Value - \$20,394.00.
- v. Department of the Navy, Naval Air Systems Command, Washington, D. C., Radome Bore-sight Analysis by Wedge Diffraction - Surface Integration Approach (to be known as Naval Air Systems Command Project No. 2969 - New - Department of Electrical Engineering).
Gross Value - \$34,992.00.
- w. Electronic Systems Division, Air Force Systems Command, U. S. Air Force, L. G. Hanscom Field, Bedford, Massachusetts, Electro-Magnetic Scattering Research (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2971 - New - Department of Electrical Engineering).
Gross Value - \$45,000.00.

February 12, 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)

- x. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transpiration Cooling (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2977 - New - Department of Mechanical Engineering).
Gross Value - \$18,000.00.
- y. Department of the Army, Army Weapons Command, Rock Island, Illinois, Weapons Dynamics - Gas Dynamics Study (to be known as Army Weapons Command Project No. 2979 - New - Department of Mechanical Engineering).
Gross Value - \$24,100.00.

TOTAL - Government Research Contracts - Federal \$961,631.00

2. Industrial and Other Research Contracts

- a. International Lead Zinc Research Organization, Inc., New York, New York, Study of the Effect of Lead on the Respiratory Activity of Erythropoietic Cells (to be known as International Lead Zinc Research Organization, Inc., Project No. 2981 - New - Department of Physiology).
Gross Value - \$15,579.00.
- b. University of Dayton Research Institute, Dayton, Ohio, Provide Aerodynamic Design of a Wind Tunnel Nozzle (to be known as University of Dayton Research Institute Project No. 2984 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$1,600.00.
- c. Technovation Management, Inc., Denver, Colorado, Elimination of Shrinking Defects in Cast Metal Engineering (to be known as Technovation Management, Inc., Project No. 2985 - New - Department of Metallurgical Engineering).
Gross Value - \$27,840.00.

TOTAL - Industrial and Other Research Contracts \$45,019.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-M - Ext. #13 - College of Biological Sciences - Entomology).
Gross Value - \$23,724.00.

February 12, 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)

- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as National Institutes of Health Project No. 887-K - Ext. #11 - Department of Psychology).
Gross Value - \$29,081.00.
- c. 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 National Institutes of Health Project No. 1094-J - Ext. #10 - Department of Medicine).
Gross Value - \$48,803.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as National Institutes of Health Project No. 1100-H - Ext. #8 - Department of Surgery).
Gross Value - \$49,394.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634-F - Ext. #6 - Department of Physiological Chemistry).
Gross Value - \$25,749.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Blood PO₂-Artery QO₂ Relationship and Atherosclerosis (to be known as National Institutes of Health Project No. 1800-F - Ext. #6 - Department of Physiology).
Gross Value - \$16,243.00.
- g. 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 National Institutes of Health Project No. 1882-E - Sup. #2 - Department of Psychiatry).
Gross Value - \$865.00.

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

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-C - Ext. #3 - Department of Physiology).
Gross Value - \$23,087.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in Vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-C - Ext. #3 - Department of Medical Microbiology).
Gross Value - \$26,921.00.
- j. National Aeronautics and Space Administration, Washington, D. C., Data Analysis of Geodetic Satellite (to be known as National Aeronautics and Space Administration Project No. 2514 - Sup. #3 - Department of Geodetic Science).
Gross Value - \$15,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Investigation on Containing Enzymes (to be known as National Institutes of Health Project No. 2529-C - Ext. #3 - Department of Medicine).
Gross Value - \$21,278.00.
- l. 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 National Institutes of Health Project No. 2742 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- m. U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Research on Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2760-A - Mod. #A - Department of Physics).
Gross Value - \$25,000.00.

February 12, 1970 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 2776-A-1 - Ext. #1 - College of Veterinary Medicine).
Gross Value - \$76,183.00.
- o. National Aeronautics and Space Administration, Electronics Research Center, Cambridge, Massachusetts, A Study of High Performance Antenna Systems for Space Communication (to be known as National Aeronautics and Space Administration Project No. 2902 - Amend. #1 - Department of Electrical Engineering).
Gross Value - \$18,000.00.
- p. 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 National Institutes of Health Project No. 2967 - New - Department of Surgery).
Gross Value - \$31,465.00.
- q. National Science Foundation, Washington, D. C., Effects of Recent Volcanic Eruptions on the Glaciers of Deception Island (to be known as National Science Foundation Project No. 2973 - New - Institute of Polar Studies).
Gross Value - \$24,500.00.
- r. National Science Foundation, Washington, D. C., Spectrophotometry of Planetary Nebulae (to be known as National Science Foundation Project No. 2974 - New - Department of Astronomy).
Gross Value - \$31,400.00.
- s. National Science Foundation, Washington, D. C., Annual Symposia on Molecular Structure and Spectroscopy (to be known as National Science Foundation Project No. 2983 - New - Department of Physics).
Gross Value - \$8,700.00.
- t. 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 National Institutes of Health Project No. 2988 - New - Department of Anatomy).
Gross Value - \$11,621.00.

TOTAL - Government Research Grants \$508,014.00

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

- 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 The Regents of the University of Wisconsin Project No. 1395 - Renewal - Checks Nos. C662358, C665507, C665947, C665948, C677164, C679671, C681756, C682044 and C688310 - Department of Surgery).
Gross Value - \$7,055.26.
- b. The Deafness Research Foundation, New York, New York, Acquired Cholesteatoma (to be known as The Deafness Research Foundation Project No. 2580-B - Ext. #2 - Department of Otolaryngology).
Gross Value - \$8,566.00.
- c. Construction Advancement Program of Central Ohio, Columbus, Ohio, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Construction Advancement Program of Central Ohio Project No. 2952 - Sup. #3 - College of Education).
Gross Value - \$1,000.00.
- d. The Associated General Contractors of America, Detroit Chapter, Inc., Detroit, Michigan, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as The Associated General Contractors of America, Detroit Chapter, Inc., Project No. 2952 - Sup. #4 - College of Education).
Gross Value - \$2,000.00.
- e. Construction Advancement Program of Greater Cincinnati, Cincinnati, Ohio; Master Builders of Iowa, Des Moines, Iowa; The Associated General Contractors of America, Inc., Seattle, Washington, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Construction Advancement Program of Greater Cincinnati; Master Builders of Iowa; The Associated General Contractors of America, Inc., Project No. 2952 - Sup. #5 - College of Education).
Gross Value - \$4,000.00.
- f. The Petroleum Research Fund, American Chemical Society, Washington, D. C., Oxidation by Palladium (II) (to be known as American Chemical Society Project No. 2970 - New - Department of Chemistry).
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. Industrial and Other Research Grants (continued)

- g. Grote Reber, Radio Observatory, Delaware, Ohio, Analysis of Cosmic Ray Pictures (to be known as Grote Reber, Radio Observatory Project No. 2972 - New - Department of Physics). Gross Value - \$500.00.
- h. American Cancer Society, Inc., New York, New York, Longitudinal Study of Precancerous Lesions (to be known as American Cancer Society, Inc., Project No. 2975 - New - College of Dentistry). Gross Value - \$30,257.00.
- i. The Deafness Research Foundation, New York, New York, Scanning Electron Microscopic Investigation of the Inner Ear (to be known as The Deafness Research Foundation Project No. 2982 - New - Department of Otolaryngology). Gross Value - \$11,550.00.

TOTAL - Industrial and Other Research Grants \$90,928.26

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 roll call vote.

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

SUMMARY

	No. of Projects	Gross Value
Government Research Contracts	2	\$227,232.00

During the period from November 21, 1969 through January 16, 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 354X Technical Assistance to the Board of Building Standards in Implementation of Revisions to Chapters 3781 and 3791 ORC Enacted by the 108th Ohio General Assembly, Ohio Department of Industrial Relations, Columbus, Ohio.
Gross Value - \$57,600.00.

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 276X An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$169, 632. 00.

C. Agreement Between The Ohio State University and Ashland College

President Fawcett recommended that an Agreement between The Ohio State University and Ashland College to provide for selected students in Biology from Ashland College to be given the opportunity to participate in the summer programs conducted at the Franz Theodore Stone Laboratory at Put-in-Bay by The Ohio State University be approved. These programs, mutually approved by Ashland College and the College of Biological Sciences of The Ohio State University, may be of one term or two terms in duration. The major objective of this program is to make available to qualified biology science majors the opportunity to receive, through field and laboratory experience, additional preparation for graduate or professional study.

Ashland College agrees to pay for the instructional, general and special laboratory fees incurred by the students and, when applicable, for room and board.

It was recommended further that the President be authorized to sign said Agreement on behalf of the University.

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

D. Agreement Between The Ohio State University and the Ohio Highway Transportation Research Board

President Fawcett recommended that an Agreement between The Ohio State University, through its Board of Trustees, and the Ohio Highway Transportation Research Board be approved. Amended Substitute Senate Bill No. 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 control, management, supervision and direction of the Ohio Highway Transportation Research Board. The Act provided further for the transfer to this Board of land owned by the State and administered by The Ohio State University for transportation research in Union and Logan Counties, the total land area which has been acquired, or in the process of being acquired, is approximately 8, 100 acres.

It was recommended further that the President be authorized to sign said Agreement on behalf of the University.

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

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February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since December 11, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$1, 416, 082. 00
Received Through The Ohio State University Development Fund	670, 627. 84

A. Administered Through the Office of Business and Finance

1. \$432, 018. 00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program for the period January 1, 1970 through June 30, 1970. (Transaction Award No. 06198461)
2. \$349, 869. 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, 1970 through December 31, 1970. (Grant No. 5 S01 RR05409-09)
3. \$104, 597. 00 granted by National Science Foundation, Washington, D. C. 20550, to the University for "Administration of Institutional Grants for Science." (GU-3637)
4. \$104, 339. 00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Mathematics for Secondary School Teachers, 1970," under the direction of the Department of Mathematics. This grant terminates on September 30, 1970. (GW-4585)
5. \$95, 651. 00 granted by National Aeronautics and Space Administration, Washington, D. C. 20546, to the University for support of "Specialized Post-M. D. Training in Aerospace Medicine," for a period of two years beginning July 1, 1970. (NGT 36-008-007)
6. \$52, 680. 00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Computer and Information Science for Secondary School Teachers, 1970," under the direction of the Department of Computer and Information Science. This grant terminates on September 30, 1970. (GW-4715)

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$48,670.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Geology and Science for Secondary School Teachers, 1970," under the direction of the Department of Geology. This grant terminates on September 30, 1970. (GW-4568)
8. \$44,547.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Cooperative College-School Science Program," under the direction of the College of Education - Faculty of Science and Mathematics. This grant terminates on June 30, 1971. (GW-5117)
9. \$41,946.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Science for Secondary School Teachers, 1970," under the direction of the College of Education. This grant terminates on September 30, 1970. (GW-4894)
10. \$32,044.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the Department of Mathematics. This grant terminates on October 31, 1970. (GW-5276)
11. \$22,680.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the College of Pharmacy. This grant terminates on October 31, 1970. (GY-7446)
12. \$22,153.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SN on OX-DNA Replication," for a Development Award - Research Career Program, under the direction of the Department of Medical Microbiology, for the period January 1, 1970 through December 31, 1970. (Grant No. 5 K03 AI05714-03)
13. \$20,550.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Chemistry. This grant terminates on October 31, 1970. (GY-7213)
14. \$19,720.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Physics. This grant terminates on October 31, 1970. (GY-7326)

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$13,874.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the College of Engineering. This grant terminates on October 31, 1970. (GW-5287)
16. \$8,500.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Economics. This grant terminates on July 31, 1971. (GY-7290)
17. \$1,244.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Electropharmacological Control of Cardiac Function," under the direction of the Department of Pharmacology, for the period January 1, 1970 through June 30, 1970. (Grant No. 3 K03 HE11929-06S1)
18. \$1,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Fellowship Supply Allowance Award, under the direction of the Department of Chemistry, for the period September 1, 1969 through August 31, 1970. (Grant No. 1 F3 AP 41,091-01A1)

TOTAL - Administered Through the Office of Business and Finance -
\$1,416,082.00

B. Received Through The Ohio State University Development Fund

1. \$120,000.00 in securities from Everett D. Reese for the Everett D. Reese Chair of Banking and Monetary Economics.
2. \$111,373.75 from the Trust under the Will of Taine G. McDougal for the Taine G. McDougal Professorship in Engineering.
3. \$30,000.00 from The City National Bank & Trust Company, Columbus, Ohio, for the Center for Tomorrow Fund.
4. \$22,042.00 from Bell Telephone Laboratories, Columbus, Ohio, for the Bell Telephone Teaching and Research Fund.
5. \$21,591.00 from Dr. William H. Havener--\$12,327.00 for the Ophthalmology Teaching Fund and \$9,264.00 for the Ophthalmologic Center Fund.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

6. \$20,000.00 from the C. R. Porthouse Charitable Trust and the Porthouse Foundation, Ravenna, Ohio, (In the names of Roberta A., Jacqueline S., J. David, Roberta D. and C. R. Porthouse), for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
7. \$20,000.00 from the Schumacher Foundation, Columbus, Ohio, for the Schumacher Fund for the Center of Research in Arts and Technology.
8. \$19,822.91 through a bequest from Professor Emeritus Louis H. Burgwald and Mrs. Lillian Bridge Burgwald, late of Sarasota, Florida, and friends for the establishment of the Louis H. and Lillian B. Burgwald Memorial Fund.

Louis H. and Lillian B. Burgwald Memorial Fund

The Louis H. and Lillian B. Burgwald Memorial Fund was established February 12, 1970, by the Board of Trustees of The Ohio State University with a bequest from Professor Emeritus Louis H. Burgwald, B.Sc. in Agr. '14, and Lillian Bridge Burgwald, late of Sarasota, Florida, and with gifts from friends through The Ohio State University Development Fund.

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 research and scholarships in the Department of Dairy Technology.

Should the Department of Dairy Technology 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 dairy technology.

9. \$15,000.00 from Atlantic City Racing Association, Atlantic City, New Jersey, for support of the Research Professorship in Equine Medicine.
10. \$12,500.00 from The Huntington National Bank, Columbus, Ohio, for the Center for Tomorrow Fund.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

11. \$12,500.00 from Midwestern VW Corporation, Columbus, Ohio, for the Center for Tomorrow Fund.
12. \$11,606.25 from William F. Patten for the Presidents Club Special Fund.
13. \$11,002.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Corporation Scholarship Fund.
14. \$10,000.00 from The Bremer Foundation, (In the name of Mrs. Marie Bremer), for The Bremer Foundation Fund.
15. \$9,181.25 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
16. \$8,850.00 from Ralph W. Kurtz, Coshocton, Ohio, for the Harkers Fund.
17. \$8,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the Center for Tomorrow Fund.
18. \$7,592.97 from Children's Hospital - Dispatch Charities Pro-Am Championship for the Robert K. Barton Memorial Fund.
19. \$7,129.67 from Cincinnati Community Gardens, Cincinnati, Ohio, for the Mrs. Simon Kuhn Scholarship Fund.
20. \$6,244.37 from Harvey S. Firestone, Jr. --\$5,226.87 for the Center for Tomorrow Fund and \$1,017.50 for the Student Affairs Leadership and Aid Fund.
21. \$6,075.10 from Anchor Hocking Corporation, Lancaster, Ohio-- \$5,000.00 for the Center for Tomorrow Fund and \$1,075.10 for the College of Administrative Science Fund.
22. \$5,087.50 from Mrs. Hazel Zeller Nesbitt for the Center for Tomorrow Fund.
23. \$5,000.00 from Buckeye Federal Savings & Loan Association, Columbus, Ohio, for the Center for Tomorrow Fund.
24. \$5,000.00 from Burgess and Niple, Limited, for the Center for Tomorrow Fund.
25. \$5,000.00 from the Robert H. & Elizabeth D. Fergus Trust, (In the names of Mr. and Mrs. Robert H. Fergus), for the Artificial Football Turf Fund.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

26. \$5,000.00 from the Estate of Mary W. Pomerene for the Frank E. and Mary W. Pomerene Memorial Fund in the College of Medicine.
27. \$5,000.00 from Ohio Contractors Association, Columbus, Ohio, for a Lectureship in Construction Engineering.
28. \$5,000.00 from Theodore B. Smith for the Alpheus W. Smith Lectureship Fund.
29. \$5,000.00 from Standard Oil (Indiana) Foundation--\$3,000.00 for the Distinguished Teachers Awards and \$2,000.00 for the Presidents Special Fund.
30. \$5,000.00 from Warren-Teed Pharmaceuticals, Inc., for the Gastroenterology Research Fund.
31. \$4,687.40 from John W. Paynter for the John W. and Elizabeth Paynter Scholarship Fund.
32. \$4,500.00 from Champion Spark Plug Company for the Champion Spark Plug Company Fellowship in Ceramic Engineering.
33. \$4,500.00 from Owens-Illinois, Inc., for the Owens-Illinois Fellowship in Ceramic Engineering.
34. \$4,485.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
35. \$4,468.14 from Lawrence D. Stanley for the Lawrence D. Stanley Fund for College of Law.
36. \$4,000.00 from Esso Education Foundation, 49 West 49th Street, New York, New York, for the Esso Postgraduate Fellowship in Chemistry.
37. \$4,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
38. \$3,500.00 from Nationwide Foundation for the Nationwide Foundation Fellowship Fund in Industrial Engineering.
39. \$3,500.00 from Ohio Mobile Home and Recreational Vehicle Association for the Ohio Mobile Home and Recreational Vehicle Association Fellowship in City Planning.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

40. \$3,412.75 from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
41. \$3,339.00 from the family and friends of James I. Hambleton for the establishment of the James I. Hambleton Apiculture Memorial Award Fund.

James I. Hambleton Apiculture Memorial Award Fund

The James I. Hambleton Apiculture Memorial Award Fund was established February 12, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of James I. Hambleton, B.Sc. in Agr. '17, late of Brookeville, Maryland.

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 awards to students pursuing research in the College of Biological Sciences with honeybees.

Should the College of Biological Sciences 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 apiculture.

42. \$3,325.00 from Dr. Louis Bloomberg for the Ophthalmologic Center Fund.
43. \$3,200.00 from Nashua Corporation, Nashua, New Hampshire, for the Molecular Solid State Fund.
44. \$3,000.00 from Ernst & Ernst Foundation, (In the name of C. Kenneth Smith), for the Ernst & Ernst Foundation Accounting Program Fund.
45. \$3,000.00 from Miss Irene D. Hirsch for the Crime and Delinquency Research Fund.

IV. GRANTS AND GIFTS (continued)

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

46. \$2,947.83 from the Pinedale-Rochdale Student Fund for the establishment of the Martin Luther King, Jr., Memorial Scholarship Fund.

Martin Luther King, Jr., Memorial Scholarship Fund

The Martin Luther King, Jr., Memorial Scholarship Fund was established February 12, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Pinedale-Rochdale Student Fund.

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 annually to provide one or more scholarships to two students selected by the University Scholarship Committee, with the request that first preference be given to members of the Negro race.

47. \$2,600.00 from Dr. and Mrs. William R. Flesher--\$2,100.00 for the T. C. Holy Fund and \$500.00 for the Flesher Fellowship Fund.
48. \$2,525.00 from Mr. Oscar E. Carlin for the Oscar E., Florence P., David P. and Phillip E. Carlin Scholarship Fund.
49. \$2,525.00 from Mrs. Florence Postle Carlin for the Oscar E., Florence P., David P. and Phillip E. Carlin Scholarship Fund.
50. \$2,500.00 from Forging Industry Educational and Research Foundation, (In the names of David E. Tilton, 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 Educational Foundation Fund.
51. \$2,492.48 from Mr. W. Milfred Batten for the Presidents Club Special Fund.
52. \$2,450.00 from John D. Drinko, (In the name of Mrs. Elizabeth C. Drinko), for the John W. Bricker Professorship in the College of Law.
53. \$2,425.00 from The Upjohn Company for the Upjohn Company Research in Thoracic Surgery Fund.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

54. \$2,406.25 from Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
55. \$2,001.20 from Dr. Samuel A. Marable for the General Surgery Fund in the College of Medicine.
56. \$2,000.00 from Mrs. Constance Corkwell Baldwin for the Gail M. Blakeley, Jr., Memorial Fund.
57. \$2,000.00 from Cleveland Institute of Electronics, (In the name of Mrs. Elizabeth C. Drinko), for the John W. Bricker Professorship in the College of Law.
58. \$2,000.00 from Mrs. Lillian Zinn Cooperrider for the James Harvey Zinn Memorial Loan Fund.
59. \$2,000.00 from Mr. Raymond E. Mason, Jr., for the Presidents Club Special Fund.
60. \$2,000.00 from the Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton), for the Thomas F. Patton Fund for College of Law.
61. \$1,987.50 from Mr. Charles W. Atkinson for the Charles W. Atkinson Fund.
62. \$1,974.96 from Dr. Joseph L. Bitonte for the Presidents Club Special Fund.
63. \$1,500.00 from Dr. Wendell D. Postle--\$500.00 for the Wendell D. and Helen R. Postle Loan Fund, \$500.00 for the Dentistry Centennial Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
64. \$1,343.75 from Mr. John B. Nordholt, Jr., for the John B. Nordholt Memorial Scholarship Fund.
65. \$1,146.00 from Mr. Melvin H. Villhauer for the Arthur Young Professorship in Accounting.
66. \$1,079.00 from Mr. Arthur E. Shepard--\$1,000.00 for the Charles W. Griffith Memorial Fund and \$79.00 as an undesignated gift to the University.
67. \$1,073.56 from C. Simeral Bunch for the College of Law Award for Academic Excellence.
68. \$1,065.25 from Mr. William K. Westwater for the Hugh E. Nesbitt Memorial Fund.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

69. \$1,041.00 from Dr. Chester C. Winter for the Fund for Progress in Urology.
70. \$1,028.00 from Mr. Alan B. Loop for the College of Law Student Financial Aids Fund.
71. \$1,000.00 from the Raymond Q. Armington Ten-Year Trust, (In the name of Raymond Q. Armington), for the Raymond Q. Armington Fund for Engineering.
72. \$1,000.00 from Dr. James E. Bennett for the Ophthalmologic Center Fund.
73. \$1,000.00 from Mr. John W. Bricker for the Novice G. Fawcett Professorship in Educational Administration.
74. \$1,000.00 from Harriet Day Bricker (Mrs. John W.) for the John W. Bricker Professorship in the College of Law.
75. \$1,000.00 from Mr. Harrison H. Buel for the Department of Athletics Discretionary Fund.
76. \$1,000.00 from Chemineer, Inc., (In the name of Dr. Robert L. Bates), for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
77. \$1,000.00 from C. I. E., Inc., (In the name of Mrs. Elizabeth C. Drinko), for the Isadore and Ida Topper Fund.
78. \$1,000.00 from Dr. James J. Cromer for the Dentistry Centennial Fund.
79. \$1,000.00 from Paul H. Curtiss, Jr., M.D., and friends for the establishment of the Paul H. Curtiss, Sr., Orthopaedic Endowment Fund.

Paul H. Curtiss, Sr., Orthopaedic Endowment Fund

The Paul H. Curtiss, Sr., Orthopaedic Endowment Fund was established February 12, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Paul H. Curtiss, Jr., M.D., Columbus, Ohio, and friends in memory of Paul H. Curtiss, Sr.

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)

79. Paul H. Curtiss, Sr., Orthopaedic Endowment Fund (continued)

The annual income is to be used to support the program of the Division of Orthopaedics in the Department of Surgery of the College of Medicine, upon the recommendation of the Director of said Division of Orthopaedics.

Should the Division of Orthopaedics 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 medical education in orthopaedics.

- 80. \$1,000.00 from Mr. Frederick R. Eckley, Jr., as an unrestricted gift to the University.
- 81. \$1,000.00 from Dr. Raymond B. Giles as an unrestricted gift to the University.
- 82. \$1,000.00 from Dr. James R. Hull--\$500.00 for the James R. Hull Fund and \$500.00 for the Novice G. Fawcett Professorship in Educational Administration.
- 83. \$1,000.00 from Mr. Carol S. Kennedy for the Carol S. Kennedy Scholarship Fund.
- 84. \$1,000.00 from the Estate of Walter D. Lambert for the Department of Geodetic Science - Chairman's Discretionary Fund.
- 85. \$1,000.00 from Mr. Howard E. LeFevre for the Howard E. and Catharine Bonner LeFevre Scholarship Fund.
- 86. \$1,000.00 from The Licklider Foundation, (In the name of Ralph S. Licklider), for the Ralph S. Licklider Family Fund.
- 87. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
- 88. \$1,000.00 from Mary McGaughy Love (Mrs. John G.) for the Charles Austin Doan Fund.
- 89. \$1,000.00 from Dr. Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education Center.
- 90. \$1,000.00 from Mr. Harland T. Martin for the Agricultural Education Scholarship.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

91. \$1,000.00 from Merck & Company, Inc., for the Merck, Sharpe & Dohme Company Research Fund.
92. \$1,000.00 from Mr. Galen F. Oman--\$500.00 for the Michael Peppe - Carl Wirthwein Scholarship Fund and \$500.00 for the Alpha Rho Chi Scholarship Fund.
93. \$1,000.00 from Dr. Claude S. Perry for the Ophthalmologic Center Fund.
94. \$1,000.00 from Mr. Donald C. Power for the Donald C. Power Fund for the College of Law.
95. \$1,000.00 from Judge Henry L. Scarlett for the Henry L. Scarlett Fund.
96. \$1,000.00 from Robert W. Setterlin and Sons Co., (In the name of Ralph F. Setterlin, Sr.), for the Ralph F. Setterlin, Sr., Fund.
97. \$1,000.00 from Mr. Frederick Stecker for the University Relations Discretionary Fund.
98. \$1,000.00 from Dr. Harold F. Wherley for the Ophthalmologic Center Fund.
99. \$1,000.00 from Mr. Edwin J. Will for the Presidents Club Special Fund.
100. \$1,000.00 from Wodecroft Foundation, (In the name of Roger Drackett), for the Presidents Club Special Fund.

TOTAL - Received Through The Ohio State University Development Fund -
\$670,627.84

C. Gifts-in-Kind

1. An Ivory Pagoda, Imari Vase, Schiller Vase, Goethe Vase, two Middle-Eastern Vases, two French Vases and a Chinese Scroll from Mr. and Mrs. Christian E. Burckel.
2. A Fully Focusing Dispersive Spectrometer System from Materials Analysis Company, Palo Alto, California, for use in the Department of Metallurgical Engineering.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

3. A Lockheed Lear Star Mark I airplane from Tem-Cole, Inc., McClure, Ohio, for the Department of Aviation.
4. A SR-1000 Ft. Remote Control Unit (RHC-3-WR); 100 amp. Welder (108SA with Scott Tandem Taps); AC-DC High Frequency Unit (300A/DPS) Foot Control RFC-23-A; and AC-DC Welder (250-AC-DC) from Miller Electric Company, Appleton, Wisconsin, for use in the Department of Welding Engineering.
5. A Plasmatron from Republic Steel Corporation for use in the Department of Ceramic Engineering.
6. A collection of clothing from Harvey S. Firestone, Jr., for use in the School of Home Economics and Division of Theatre.
7. A 1969 Buick Electra from Buick Motor Division - General Motors Corporation for the Engineering Experiment Station.
8. A Reliance 40 HP Solid State D-C Variable Speed Drive from Reliance Electric Company for use in the Department of Chemical Engineering.
9. Radio equipment from Mr. Jack J. Eggspuehler for the University Airport.
10. Polar book collection, including paperbacks, pressboard folders and journal and pamphlet series from Dr. Richard P. Goldthwait for the Institute of Polar Studies.
11. Cutting tools from Mr. David Morganstern for use in the Department of Industrial Engineering.
12. Various supplies from Johns-Manville Sales Corporation, Inc., Insulating Division, for the Department of Ceramic Engineering.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

February 12, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. Month of November, 1969

In November, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,651	\$ 133,717.12
Individuals other than alumni	1,836	78,421.50
Business concerns	76	94,655.92
Nonprofit organizations	48	70,011.11
	<u>4,611</u>	<u>\$ 376,805.65</u>

Of these gifts, 1,836 totaling \$21,067.25 were undesignated and 2,775 totaling \$355,738.40 were designated.

2. Month of December, 1969

In December, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,858	\$ 879,103.91
Individuals other than alumni	520	580,167.06
Business concerns	43	135,904.24
Nonprofit organizations	56	147,660.03
	<u>5,477</u>	<u>\$1,742,835.24</u>

Of these gifts, 3,590 totaling \$45,741.04 were undesignated and 1,887 totaling \$1,697,094.20 were designated.

3. Annual Report, 1969

The totals for the calendar year 1969, January 1 to December 31, inclusive, were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	30,330	\$2,457,164.40
Individuals other than alumni	3,810	991,863.40
Business concerns	416	929,196.25
Nonprofit organizations	503	2,267,324.82
	<u>35,059</u>	<u>\$6,645,548.87</u>

Of these gifts, 21,866 totaling \$230,199.12 were undesignated and 13,193 totaling \$6,415,349.75 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Lima and Mansfield Technical Institutes -
Appropriation for Loose Equipment

The Ohio Board of Regents has requested that the Board of Trustees of The Ohio State University approve the transfer of \$500,000 appropriated in H. B. 531 for equipping the technical building at Lima to Penta-County Technical Institute and the transfer of \$400,000 appropriated in H. B. 531 for the purpose of equipping the technical building at Mansfield to the North Central Technical Institute.

President Fawcett recommended therefore that these transfers be approved in accordance with the concept that loose equipment shall be procured, maintained and inventoried by the using agency.

It was recommended further that the Vice President for Business and Finance be authorized to request the Board of Regents to seek the approval of the State Controlling Board for these transfers.

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

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VI. 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. Newark Branch Campus

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,869,592.00	\$1,940,256.04	\$70,664.04

Funds for this project were provided from House Bills 949, 886 and 828; Budget Account 191456 (Newark Operating Budget); and Budget Account 531160 and Budget Account 531151 (Local Community Contributions).

B. Golf Course Club House

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 552,816.00	\$ 546,594.63	(\$6,221.37)

Funds for this project were provided from the Athletic Department Revenue Fund.

VI. EXTRAS AND CREDITS TO CONTRACTS (continued)

C. Medical Center Utilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 929,019.15	\$ 906,727.79	(\$22,291.36)

Funds for this project were provided from House Bills 202, 886 and 828.

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

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VII. 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. Olentangy River - Channel Improvements

The Olentangy River Freeway relocation is taking approximately 20 to 25 feet off the west bank of the river. In order to keep the river channel open, it is necessary to widen the east bank of the river. This project will include widening with complete landscaping.

Funds for this project will be provided by the State of Ohio from compensation for properties taken for the new Olentangy River Expressway right-of-way and be made available in Budget Account 801219.

B. Street and Curb Repairs - 1969-70

This project will repair street base and provide resurfacing of streets with asphaltic concrete; repair and/or replace existing deteriorating or destroyed curbing; and adjust all manholes, valve boxes and storm inlets to the new grade for several Campus streets.

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

C. Ohio Stadium - Painting Steel Work for "C" Deck

This project provides sandblasting the steel removing all rust and scale; inspecting the steel as necessary to determine where severe rusting has occurred; and painting the steel. During this project the concrete will also be examined to determine what repair work is needed on the concrete.

VII. PLANS AND SPECIFICATIONS (continued)

C. Ohio Stadium - Painting Steel Work for "C" Deck (continued)

Funds for this project have been provided in Budget Account 999000 (Athletic Revenue Funds).

Upon motion of Mr. Eckley, 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 projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. 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 Affiliated Facility for the Mentally Retarded

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 1-13-70)		
Knowlton Construction Company (Bellefontaine, Ohio)		
Base bid	\$2,333,000.00	\$2,525,000.00
Alt. G-1 Rolling counter shutter between Dining Area and Kitchen	1,600.00	1,260.00
Alt. G-2 Operable wall in Dining Room	4,700.00	8,120.00
Alt. G-3 Acoustic enclosure for Room 293B and constructing Room 293A	11,600.00	7,650.00
Alt. G-4 Elevator N-3	51,200.00	47,880.00
Alt. G-5 Elevator S-3	53,000.00	50,000.00
Alt. G-12 Omit concrete panels where TV cable trays installed	N/C	N/C
Total Contract	<u>\$2,455,100.00</u>	<u>\$2,640,310.00</u>
<u>Plumbing Contract</u>		
(6 bids received 1-13-70)		
The Gesling Co. (Lancaster)		
Base bid	\$ 319,450.00	\$ 345,500.00
Alt. P-1 Vacuum cleaning system	9,775.00	9,700.00
Total Contract	<u>\$ 329,225.00</u>	<u>\$ 355,200.00</u>

February 12, 1970 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. University Affiliated Facility for the Mentally Retarded (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 1-13-70)		
Limbach Company (Columbus)		
Base bid	\$ 809,175.00	\$ 831,500.00
Alt. H-1 Acoustic enclosure for Room 293B and Room 293A	N/C	300.00
Total Contract	<u>\$ 809,175.00</u>	<u>\$ 831,800.00</u>
 <u>Electrical Contract</u>		
(7 bids received 1-13-70)		
McCarty Brothers Electric Co. (Columbus)		
Base bid	\$ 483,300.00	\$ 648,000.00
Alt. E-1 Acoustic enclosure for Room 293B and Room 293A	40.00	N/C
Alt. E-2 Elevator N-3	400.00	1,000.00
Alt. E-3 Elevator S-3	400.00	1,000.00
Alt. E-6 Vacuum cleaning system	1,600.00	2,000.00
Alt. E-7 TV Cable trays	9,800.00	20,000.00
Total Contract	<u>\$ 495,540.00</u>	<u>\$ 672,000.00</u>
 <u>Total All Contracts</u>	 <u>\$4,089,040.00</u>	 <u>\$4,499,310.00</u>

Funds for this project have been provided from H. B. 202, H. B. 886, H. B. 828 and a grant from the Health, Education and Welfare Department.

B. University Hospital - Electrical Distribution System in Patient Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 1-20-70)		
Jess Howard Electric Co. (Columbus)	\$ 25,613.00	\$ 99,566.00

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

C. Starling Loving Hall - Modernization of Electrical System in "A" Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(6 bids received 12-26-69)		
Reco Electric Co. (Columbus)	\$ 27,949.00	\$ 50,000.00

Funds have been provided by a transfer from University Hospital Rotary to Budget Account 801156 (Starling Loving Electrical System).

February 12, 1970 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. University Hospital - Improvements to Selected Patient Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 1-22-70)		
A. L. Meyer Construction Co. (Columbus)		
Base bid	\$ 28,384.00	\$ 29,800.00
Alt. G-1 Second shift for base bid	890.00	6,000.00
Total Contract	<u>\$ 29,274.00</u>	<u>\$ 35,800.00</u>

Funds for this project have been provided from the University Hospital Rotary.

E. University Hospital - Improvements to Ventilation System of 6th Floor and 8 East Nursing Stations

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(5 bids received 1-8-70)		
Charbetz Company (Columbus)		
Base bid	\$ 10,581.00	\$ 30,800.00
Alt. M-8 58 Additional through-the-wall air conditioning units	11,774.00	23,200.00
Total Contract	<u>\$ 22,355.00</u>	<u>\$ 54,000.00</u>
<u>Electrical Contract</u>		
(3 bids received 1-8-70)		
Armstrong Electric Co. (Columbus)		
Base bid	<u>11,457.00</u>	<u>37,500.00</u>
<u>Total All Contracts</u>	<u>\$ 33,812.00</u>	<u>\$ 91,500.00</u>

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).

F. Interior Decorating for 1969

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 1-19-70)		
Harold F. Mollenauer Co. (Columbus)		
	\$ 47,585.00	\$ 70,975.00

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

February 12, 1970 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

G. Telephone Duct System Expansion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 1-6-70)		
The Fishel Company (Columbus)		
Base bid	\$ 109,620.00	\$ 141,075.00
Alt. G-1 Connection of Medical Center Area to new OB T Building	28,035.00	13,000.00
Total Contract	<u>\$ 137,655.00</u>	<u>\$ 154,075.00</u>

Funds for this project have been provided from Item 315-074 Utilities and Renovation, H. B. 531 (Transfer from Ohio Board of Regents to the University).

H. Graduate Swimming Pool

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 2-5-70)		
Holzapfel Construction Company (Columbus)		
Base bid	\$ 78,878.00	\$ 101,500.00
Alt. G-1 Ceramic tile toilet room floors in lieu of concrete finish	777.00	1,000.00
Alt. G-2 Courtyard work	2,924.00	4,000.00
Alt. G-3 Courtyard wall	2,719.00	5,000.00
Alt. G-4 Window walls and stone trim	5,322.00	4,500.00
Alt. G-5 Plastic paint in lieu of semi- gloss in pool area	707.00	2,000.00
Total Contract	<u>\$ 91,327.00</u>	<u>\$ 118,000.00</u>

Plumbing Contract

(3 bids received 2-10-70)

L. R. Patrick, Inc. (Columbus)

Base bid	\$ 28,120.00	\$ 32,500.00
Alt. P-1 Yard drains for courtyard	990.00	1,200.00
Total Contract	<u>\$ 29,110.00</u>	<u>\$ 33,700.00</u>

Heating, Ventilating and Air

Conditioning Contract

(5 bids received 2-5-70)

Farber Company (Columbus)

Base bid	\$ 22,190.00	\$ 32,000.00
Alt. H-1 Temperature controls for infrared heating system	1,765.00	500.00
Total Contract	<u>\$ 23,955.00</u>	<u>\$ 32,500.00</u>

February 12, 1970 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Graduate Swimming Pool (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(5 bids received 2-5-70)		
CTH Electric Company (Columbus)		
Base bid	\$ 15,400.00	\$ 14,500.00
Alt. E-1 Underwater lighting system	2,430.00	3,000.00
Alt. E-2 Supplemental infrared heating system	3,230.00	6,000.00
Alt. E-3 Electric required for insulated glass	300.00	500.00
Total Contract	<u>\$ 21,360.00</u>	<u>\$ 24,000.00</u>
 <u>Pool Contract</u>		
(4 bids received 2-5-70)		
Miller Anderson Pools (Dublin)		
Base bid	<u>\$ 15,800.00</u>	<u>\$ 19,500.00</u>
 <u>Total All Contracts</u>	 <u>\$ 181,552.00</u>	 <u>\$ 227,700.00</u>

Funds for this project have been provided from Budget Account 801080 Dormitory Revenue Funds.

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.

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IX. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 8 Approves the purchase of property described as being a .203 acre tract off of the south end of Reserve B, Second Wood-Brown Addition, from Catherine Clay et al for a sum of \$4,000.00.
- 9 Approves the purchase of property described as being a 155.12[±] acres, being a part of Parcel #117, Perry Township, Franklin County, from Charles L. Tuller at a cost of \$930,720.00.
- 10 Approves the award of the General and Plumbing Contracts for the project "Health Sciences Library" notwithstanding the fact that they are above the estimate of cost. Also approves the transfer and release of \$2,137,933.00 from Item 315-016 Medical Complex to Item 315-059 "Health Sciences Library" for this project.

February 12, 1970 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 11 Approves the transfer of \$573,567.00 from Item 315-016 Medical Complex to Item 315-059 Health Sciences Library and the release of \$2,573,567.00 from Item 315-059 for expenditure for the project "Health Sciences Library."
- 12 Approves the award of the General, Plumbing and Electrical Contracts for the project "River Union and Drama Facilities" notwithstanding the fact that they are above the estimate of cost. Also approves the release of \$1,063,101.00 in Item 315-045 for expenditure for this project.
- 13 Approves the release of \$132,041.00 in Item 315-074 "Utilities and Renovation" so that the contract for the project "Telephone Duct System Expansion" may be awarded.
- 14 Approves the transfer of \$1,286,368.00 from Item 315-016 Medical Complex to Item 315-052 Mental Retardation Center and the release of this amount for funding of the project "Mental Retardation Center."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Olentangy River - Channel Improvements,
Employment of Engineers

President Fawcett recommended that the firm of Hockaden-Lipes-Rousculp, Inc., be employed to provide plans and specifications for this project including the dredging, seeding and mulching of the east bank of the Olentangy River in connection with the Ohio Highway Department relocation of the Olentangy River Freeway.

The fee for this service is 7.49 per cent of the cost of the contract and is estimated to be \$17,000.00. Funds for this project will be provided by the State of Ohio from compensation for properties taken for the new Olentangy River Expressway right-of-way and be made available in Budget Account 801219.

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

B. Animal Science Building - Remodeling of Mechanical System,
Employment of Engineers

President Fawcett recommended that the firm of Drake and Ford be employed to provide complete design, bid documents and construction supervision to remodel the mechanical system of this building to supply year around ventilation and air conditioning for all office areas.

February 12, 1970 meeting, Board of Trustees

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

B. Animal Science Building - Remodeling of Mechanical System,
Employment of Engineers (continued)

The fee for this service will be 8 per cent of the contracts for the project and is estimated to be \$5,200.00. Funds have been provided by a transfer from Budget Account 149997 (New Programs Reserve) and Budget Account 114863 (Horticulture and Forestry Special Salary Account) to Budget Account 801205 (Animal Science - Air Conditioning).

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

C. Electric Line Easement, Lima Campus - Ohio Power Company

The Ohio Power Company has requested two electric line easements on State of Ohio lands that have been designated for the use of The Ohio State University, Lima Campus. Both easements will provide for improved service to the Lima Campus and one of the easements will provide for the relocation of the electric pole line due to the anticipated widening of High Street.

President Fawcett recommended that the electric line easements be granted to the Ohio Power Company. It was further recommended 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 improved electric service to the Lima Campus and, further, to provide for a new pole line easement in anticipation of the widening of High Street.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of John Bernis Brown, Professor Emeritus in the Department of Physiological Chemistry, and Jay Nagle Edmondson, Professor Emeritus 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. John Bernis Brown

The Board of Trustees expresses its sorrow at the death on November 21, 1969, of John Bernis Brown, Professor Emeritus and former Chairman of the Department of Physiological Chemistry.

February 12, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. John Bernis Brown (continued)

Doctor Brown was born December 25, 1893, on a farm near Rock Falls, Illinois. He was graduated from the University of Illinois where he earned three degrees--the B.S. degree in 1915, the M.S. degree in 1917 and the Ph.D. degree in 1921. His studies were interrupted by the first World War when he served as a Lieutenant in the U. S. Army.

From 1915 to 1921, Dr. Brown served as a Teaching Assistant at the University of Illinois and from 1921 to 1923, he served as Teaching Associate at the University of Pennsylvania. He came to Ohio State in 1924 as an Assistant Professor, was promoted in 1930 to Associate Professor and in 1941 was made Professor. In 1950, he was named Director of the Institute of Nutrition and Food Technology and in 1957 he was named Chairman of the Department of Physiological Chemistry. He was named Professor Emeritus in 1966.

For 25 years Dr. Brown gave all the lectures in a two-quarter course in medical biochemistry, a one-quarter course in dental biochemistry and a one-quarter course in dental nutrition. He was elected by the University faculty to many of its major councils and served by appointment on innumerable college and University committees. He received an Award of Merit from the Alumni Association of the College of Medicine and the University presented him with a Distinguished Service Award in 1964.

Dr. Brown authored more than 125 scientific papers and achieved an international reputation as one of the nation's foremost authorities on chemistry of fats, oils and fatty acids. In addition to serving on many government committees, Dr. Brown was the Chairman of the Division of Biological Chemistry of the American Chemical Society and the Treasurer of the American Institute of Nutrition; he was later elected a Fellow of that Institute. He served on committees of the National Research Council and was at various times a member of editorial boards of several scientific journals.

For 17 years, Dr. Brown was the Choir Director of Trinity Methodist Church and served several times as President of the Board of Trustees for that church. He was a past President of the Faculty Club and the Mercator Club and an officer in several Masonic bodies.

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 College of Medicine and 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. RESOLUTIONS IN MEMORIAM (continued)

B. Jay Nagle Edmondson

The Board of Trustees expresses its sorrow at the death on December 31, 1969, of Jay Nagle Edmondson, Professor Emeritus in the Department of Industrial Engineering.

Professor Edmondson was born in Milton, Iowa, on November 30, 1905. He received his high school diploma from Milton High School in 1922 and was awarded a two-year scholarship for any Iowa college of his choice. After completing the pre-engineering program at Parsons College in 1924, he transferred to the University of Iowa where he earned the degree Bachelor of Science in General Engineering in February, 1927. The University of Iowa awarded him the professional degree Mechanical Engineer in 1947.

Professor Edmondson had a distinguished career as an engineering educator, starting at the University of Iowa in 1927 as Instructor in Surveying and Engineering Drawing. He came to The Ohio State University in 1928 as Instructor in Engineering Drawing and served in the Department of Engineering Drawing through 1945. He was appointed Professor of Industrial Engineering in 1946 and served in that capacity until his retirement in 1963. His primary fields of interest were Production Engineering and Tool Engineering. His major contributions to the educational program were in these fields in which he developed the program of course work to such a level of excellence that it received national recognition. He was responsible for the acquisition on campus of a metrology laboratory known as a U. S. Navy Gage Laboratory making The Ohio State University one of six universities in the United States so equipped and recognized.

Professor Edmondson was highly regarded as an engineer and he had an extensive summer and part-time consulting practice providing experience which he used effectively to enhance the development of his production engineering course for the benefit of his students. He was an active member of the American Society of Tool Engineers serving on seven local chapter and national organization offices and committees. He was particularly active in those areas of concern to students, such as committees on education, scholarships, research funds and professional engineering. Many students benefited from his efforts on their behalf through his professional work and service with the American Society of Tool Engineers. His students characterized him as an engineer's engineer, and indeed he was, successfully accomplishing the sometimes difficult task of being both an engineering educator and a practicing engineer.

Beginning in his youth he was a radio operator and member of the Radio Relay League. He served as a shipboard radioman on Great Lakes and Atlantic Ocean ships as part-time and summer operator developing a life-long hobby and interest in the field, extending to a professional interest in radio and electronic product design and production engineering. He had many friends and acquaintances throughout the world who communicated with him and knew him through W8SL, the code call for his radio station.

February 12, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Jay Nagle Edmondson (continued)

Professor Edmondson worked for several summers at the National Bureau of Standards in Colorado prior to his retirement from The Ohio State University. His love for the mountains and for trout fishing in the mountain streams was well known to his friends and colleagues. They were not surprised to learn that following retirement he was employed as a Technical Consultant to the Executive Director of the Boulder Laboratory where he continued his energetic pursuit of his professional career in the beloved setting of the Colorado Rockies.

His dedicated service to his students and to his profession is appreciatively recognized by his students and his colleagues alike.

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

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XII. REPORTS

A. Change of Date for the Filing of Application for Admission to the University and Possible Fee Increases

President Fawcett made the following statement relative to the change in date for the filing of application for admission to the University and possible fee increases:

All of us need to recognize as I reported to you last October, that the University faces some new kinds of problems, particularly in the field of total enrollments and admissions. Included in House Bill 531 of the last General Assembly, was an enrollment ceiling of 40,000 students on what is referred to as the "central campus" of this University effective Autumn Quarter of 1971. Our recollection of the dialogue that preceded the enactment of that Bill was that the limitation was exclusive of the enrollments within our University College. We have recently been informed that this is also the interpretation of the Office of the Board of Regents, but with the additional qualification that only those students taught in the University College's West Campus facilities be exempted for the 40,000 student limitation.

Starting with the Autumn Quarter of 1970, the final day for filing applications for admission to this University is being advanced from August 1 to May 1. There are several reasons for the establishment of an earlier application date. First, it is necessary to enable us to adjust our enrollments to conform with the law. There is no point in being anything

XII. REPORTS (continued)

A. Change of Date for the Filing of Application for Admission to the University and Possible Fee Increases (continued)

but candid about it, by following this procedure we will of necessity be refusing admission to a substantial number of students. This will also mean that we will have very few more people on this campus next year than we have had this present year. This earlier date will also give the departments and faculty the benefit for more adequate planning to accommodate the enrollments. I am reporting this action to you this morning so that you will fully understand its implications.

The second matter which I wish to comment on briefly pertains to a possible fee increase for the coming academic year. There are apparently a number of rumors making the rounds on this subject, so I believe a brief comment from me would appear to be warranted. I have seen in the papers and heard from other sources that I was going to recommend some action on fees this morning--I haven't, I'm not and I don't intend to at least for two or three months if I do at all. We are presently in the process of studying the financial requirements of this University for the second year of the biennium. Since all other sources of revenue are fixed for the biennium, the only margin of flexibility that is available to make up any deficit in our financial needs is through a student fee increase. I have consistently opposed such increases but I have often lost the argument when the point is reached where all other resources are exhausted and a choice must be made between sustaining the quality of our educational programs or increasing fees. During the next two or three months I am going to review every conceivable way of carrying this University forward without a fee increase. And if I do have to recommend a fee increase, I can tell you now that it will be a modest one.

B. Highlights of University Activities

President Fawcett reported to the Board on some of the significant 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:

XII. REPORTS (continued)

B. Highlights of University Activities (continued)

1. The National Institutes of Health have granted some \$13.3 million to the University for construction projects in the Colleges of Medicine and Dentistry. The amount of \$8.5 million will help finance a five-story ambulatory patient teaching facility and nearly \$1.5 million will aid in construction of the new Health Sciences Library. A \$3.4 million grant will support financing of an addition to the Dentistry Building. Both Medicine and Dentistry will be increasing their enrollments significantly as these expanded facilities become available. Dean Richard L. Meiling of the College of Medicine has announced plans to substitute a three-year curriculum for the present four years of study.
2. The cover study for the February 7 issue of the Saturday Review featured the role of a scientific team from Ohio State's Institute of Polar Studies in a dramatic fossil find in Antarctica.
3. Secretary of Agriculture Clifford W. Hardin and Secretary of the Interior Walter J. Hickel, two members of President Nixon's Cabinet, are speaking today in Mershon Auditorium at a special Centennial Symposium on "Life and Living: 1980-2000." The two-day symposium is sponsored by the College of Agriculture and Home Economics as one of the major events of the University's Centennial Year.
4. The first official program in observance of Ohio State's 100th anniversary was a "Centennibration" sponsored by students on January 10, 1970, in the Ohio Union.
5. Ohio State is one of three newcomers on the list of the 15 institutions which received the largest Institutional Grants for Science from the National Science Foundation during 1969.
6. Members of the 1969 graduating class have made the largest senior class gift in the history of the University. The Development Fund announced that the class has pledged \$25,054 to be used as a loan fund for future students.
7. A report of the National Academy of Sciences shows that Ohio State ranks fifth among the state universities in the Big Ten in the number of postdoctoral students. Ohio State has 109 postdoctorals--74 U. S. citizens and 35 hold foreign citizenship.

C. Report on the University's Investment Portfolio

The report dated February 11, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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February 12, 1970 meeting, Board of Trustees

Thereupon the Board adjourned to meet Wednesday, March 18, 1970, at The Ohio State University, Columbus, Ohio at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

APPENDIX IV

Revisions of Rules 35.07, 37.15 and 47.01
of Rules for the University Faculty

Approved by Faculty Council
December 9, 1969

Adopted by Board of Trustees February 12, 1970
(See page 335)

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Revisions of Rules 35.07, 37.15 and 47.01
of Rules for the University Faculty

The Faculty Council on December 9, 1969, approved the following revisions in Rules 35.07, 37.15 and 47.01 of Rules for the University Faculty:

35.07. Marks.

- (1) That the first sentence of Rule 35.07 be amended to include WP/WF in the list of official marks of the University.

The official marks of the University are as follows: A, B, C, D, E, H, I, P, R, S/U, T, X, WP/WF, PA/NP, EM and K.

- (2) That the WP/WF - Withdrawal be added to the list of marks.

WP/WF - Withdrawal. After a student may no longer withdraw from a course without a mark on his official permanent record, WP shows withdrawal while passing and WF withdrawal while failing.

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37.15. Withdrawal from Courses.

Section 1. An undergraduate student who desires to withdraw from all his courses, i. e., from the University, or from one or more of his courses, must first apply to the Dean of his College or to the Dean's authorized representative. For compulsory course withdrawal, see Rule 41.07.

Section 2. Before noon of the sixth Saturday of a quarter, an undergraduate student may withdraw from all courses, or from one or more courses beginning in the same quarter, and no mark will be entered on his official permanent record. For return of fees, see Rule 43.09.

Section 3. Between noon of the sixth Saturday and noon of the eighth Saturday of a quarter, an undergraduate student may withdraw from all courses, or from one or more courses beginning in the same quarter, and his official permanent record shall bear the notation WP if he withdrew passing or WF if he withdrew failing.

Section 4. After noon of the eighth Saturday of a quarter, an undergraduate student may withdraw from one or more courses, or all courses, and his official permanent record shall bear the notation WP if he withdrew passing or the grade E if he withdrew failing.

Section 5. If an undergraduate student withdraws at any time during the quarter from a course continued from a preceding quarter, his official permanent record in that course shall bear the notation WP if he withdrew passing or the grade E if he withdrew failing.

Revisions of Rules 35.07, 37.15 and 47.01
of Rules for the University Faculty (continued)

37.15. Withdrawal from Courses. (continued)

Section 6. In the foregoing, courses extending throughout the quarter are presumed. For courses offered on a five-week term basis, wherever the expression "sixth Saturday" occurs, substitute "third Saturday," and wherever the expression "eighth Saturday" occurs, substitute "fourth Saturday."

Section 7. 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 catalogs.

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47.01. Withdrawal from the University.

A student who desires to withdraw from the University must apply for permission to the Dean of his College or to the Dean's authorized representative, in accordance with Rule 37.15. If the student severs his connections with the University at any time during a quarter without communicating with the Dean of his College, he shall be marked as having failed in all his courses for the quarter.

When a student withdraws from the University during a quarter, his parent or guardian shall be notified of the fact by the Secretary of his College. For return of fees, see Rule 43.09. For withdrawal from a course, see Rule 37.15.

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

Columbus, Ohio, March 18, 1970

The Board of Trustees met at its regular monthly meeting on Wednesday, March 18, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, John H. Dunlap, Jack G. Gibbs, and Frederick R. Eckley.

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Minutes of the last meeting were approved.

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March 18, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change the Name of the Department of Horticulture and Forestry to Department of Horticulture

The Faculty Council on February 10, 1970, approved for transmittal to the Board of Trustees the proposal from the Council on Academic Affairs that the name of the Department of Horticulture and Forestry be changed to the Department of Horticulture, effective Summer Quarter, 1970. The College of Agriculture and Home Economics made this proposal since the School of Natural Resources has assumed the responsibility for the area of forestry within its program of instruction.

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the Department of Horticulture and Forestry to Department of Horticulture.

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

B. 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, 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 V, page 423.)

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

C. Honorary Degrees

The Board of Trustees on February 12, 1970, approved twenty-three recipients for Honorary Degrees to be awarded during the Centennial Year.

President Fawcett recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at the March 19, 1970, Commencement Convocation:

Hendrik Wade Bode	Doctor of Science
William Wager Cooper	Doctor of Science
Henry Bohn Hass	Doctor of Science
Maynard Kiplinger Hine	Doctor of Science
Alvah Peterson	Doctor of Science

March 18, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Honorary Degrees (continued)

It was recommended further that the following honorary degree be awarded during the recipient's appearance as Guest Conductor for the Columbus Symphony Orchestra on April 1, 1970, at the Veterans Memorial Auditorium:

Aaron Copland

Doctor of Humane Letters

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

D. Establishment of the Centennial Development Fund

In celebration of the Centennial Year of The Ohio State University, President Fawcett recommended that a Centennial Development Fund to raise \$10,000,000 be established. During 1970 new levels of support from alumni, parents, friends, corporations and foundations will be encouraged so that the \$10,000,000 goal may be achieved. The \$10,000,000 goal will provide:

1. \$2,500,000 for three endowed chairs and eight named professorships.
2. \$2,250,000 for fellowships, scholarships and loans for deserving students.
3. \$2,000,000 for support of a center for the study of contemporary problems to be established in 1970.
4. \$1,750,000 for strengthening programs in environmental quality; completing the Center for Tomorrow; planning a center for the performing arts; and supporting selected academic and research programs.
5. \$1,500,000 to meet some of the needs and assist in planning future programs in the area of recreation, intramural activities and athletics.

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

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March 18, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 12, 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, Leave of Absence Without Salary and Emeritus Title:

A. Appointments

Arthur E. Adams, Dean, College of Humanities, effective July 1, 1970, at a salary of \$30,168.00 per annum.

S. Rains Wallace, Professor and Chairman, Department of Psychology, effective September 1, 1970, at a salary of \$28,248.00 per annum.

Howard A. Rollins, Jr., Professor and Chairman (part time - 50 percent) in the Department of Horticulture and Forestry, and Professor (part time - 15 percent) in the Cooperative Extension Service, effective May 1, 1970, at a combined salary of \$17,640.00 per annum. Dr. Rollins will hold an appointment at the Ohio Agricultural Research and Development Center for 35 percent of full time.

John H. Kessel, Professor, Department of Political Science, effective July 1, 1970, at a salary of \$22,008.00 per annum.

Fritz V. Lenel, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective April 1, 1970 through June 30, 1970, at a salary of \$8,331.00 for the period.

B. Leave of Absence Without Salary

Susan Jahn Mancini, Instructor, Department of Romance Languages, effective January 1, 1970 through June 30, 1970, for personal reasons.

C. Emeritus Title

Gertrude M. Adams, Instructor Emeritus (County Agent, Home Economics) Darke County, Cooperative Extension Service, effective April 1, 1970.

Upon motion of Mr. Shocknessy, seconded by Mr. Gibbs, the Appointments, Leave of Absence Without Salary, Emeritus Title and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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March 18, 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

January 17, 1970 - February 27, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	17	\$1,069,073.00
Industrial and Other Research	2	129,608.00
<u>Grants</u>		
Government Research - Federal	32	974,535.00
Industrial and Other Research	<u>8</u>	<u>44,206.92</u>
Totals	59	\$2,217,422.92

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, Argonne, Illinois, High Resolution Infrared Spectra of Tritium-and-Deuterium-Substituted Molecules (to be known as U. S. Atomic Energy Commission Project No. 1098-C - Sup. #9 - Department of Physics).
Gross Value - \$30,000.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958-C - Mod. #4 - Department of Metallurgical Engineering).
Gross Value - \$35,000.00.
- c. National Aeronautics and Space Administration, Washington, D. C., A Study of Continuum Vibrations (to be known as National Aeronautics and Space Administration Project No. 1986 - Amend. #4 - Department of Engineering Mechanics).
Gross Value - \$30,073.00.
- d. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #6 - Department of Physics).
Gross Value - \$210,000.00.

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)

- e. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116-A - Mod. #6 - Department of Physics).
Gross Value - \$65,000.00.
- f. Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Office of Education Project No. 2228 - Amend. #5 - College of Education - Science and Mathematics Education).
Gross Value - \$206,320.00.
- g. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Factors Affecting Erythrocyte Destruction in Malaria (to be known as U. S. Army Medical Research and Development Command Project No. 2515 - Mod. #4 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$16,255.00.
- h. Office of Civil Defense, Office of the Secretary of the Army, Washington, D. C., Disaster Studies (to be known as Office of Civil Defense Project No. 2612 - Mod. #6 - Department of Sociology).
Gross Value - \$8,000.00.
- i. U. S. Atomic Energy Commission, Argonne, Illinois, Stress Corrosion Cracking of FE-CR-NI Alloys in Caustic Environments (to be known as U. S. Atomic Energy Commission Project No. 2765 - Letter dated 11/5/69 - Department of Metallurgical Engineering).
Gross Value - \$50,000.00.
- j. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior (to be known as U. S. Department of Labor Project No. 2820 - Mod. #3 - Department of Economics).
Gross Value - \$12,639.00.
- k. Department of Transportation, Federal Highway Administration, Washington, D. C., Medical-Engineering Highway Crash Investigation Team (to be known as Department of Transportation Project No. 2852 - Mod. #1 - Department of Physiology).
Gross Value - \$49,094.00.

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)

- l. 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 National Institutes of Health Project No. 2943 - Mod. #1 - Department of Medicine).
Gross Value - \$121,842.00.
- m. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Academic Services for Air Force Institute of Technology (DWSMC) (to be known as Air Force Institute of Technology Project No. 2953 - Mod. #1 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$47,000.00.
- n. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Academic Services for Air Force Institute of Technology (DWSMC) (to be known as Air Force Institute of Technology Project No. 2953 - Mod. #2 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$41,258.00.
- o. U. S. Army, New York Procurement Agency, New York, New York, Small Unit Combat Simulation (DYNTACS) (to be known as New York Procurement Agency Project No. 2978 - New - Engineering Experiment Station).
Gross Value - \$75,000.00.
- p. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Data Handling and Computer Programming (to be known as Air Force Institute of Technology Project No. 2986 - New - Engineering Experiment Station).
Gross Value - \$800.00.
- q. Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama, Extension to Land Combat Models (to be known as U. S. Army Missile Command Project No. 2995 - New - Department of Industrial Engineering).
Gross Value - \$70,792.00.

TOTAL - Government Research Contracts - Federal \$1,069,073.00

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. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #5 - Department of Chemical Engineering).
Gross Value - \$10,000.00.
- b. American Petroleum Institute, New York, New York, An Investigation of the Effects of Sulphur Dioxide on Human Subjects (to be known as American Petroleum Institute Project No. 2987 - New - Department of Preventive Medicine).
Gross Value - \$119,608.00.

TOTAL - Industrial and Other Research Contracts \$129,608.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-K - Ext. #11 - Department of Physiology).
Gross Value - \$13,052.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Center for Air Pollution Control Administration, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Center for Air Pollution Control Administration Project No. 1220-J - Ext. #9 - Department of Chemistry).
Gross Value - \$63,889.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Center for Air Pollution Control Administration, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Center for Air Pollution Control Administration Project No. 1220-J-1 - Ext. #2 - 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 General Medical Sciences, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404-H - Ext. #8 - Department of Physiological Chemistry).
Gross Value - \$29,305.00.

March 18, 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)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 1775-F - Ext. #6 - College of Dentistry).
Gross Value - \$17,977.00.
- f. 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 National Institutes of Health Project No. 1823-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$22,729.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Lysosomes and Their Relation to Viral-Induced Cytopathol (to be known as National Institutes of Health Project No. 2164-B - Sup. #1 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$1,385.00.
- h. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Attention and Hypothesis Behavior in Concept Learning (to be known as National Institutes of Mental Health Project No. 2166-D - Ext. #4 - Department of Psychology).
Gross Value - \$20,994.00.
- i. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Chevy Chase, Maryland, Individual Differences and Psychologic Stress (to be known as National Institutes of Mental Health Project No. 2173-D - Ext. #4 - Department of Psychiatry).
Gross Value - \$56,640.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251-C - Sup. #2 - Department of Psychiatry).
Gross Value - \$2,624.00.

March 18, 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)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375-B - Sup. #1 - Department of Surgery).
Gross Value - \$2,984.00.
- l. 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 National Aeronautics and Space Administration Project No. 2601 - Sup. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormone Modulation of Emetic Responsiveness in Aves (to be known as National Institutes of Health Project No. 2613-B - Ext. #2 - College of Pharmacy).
Gross Value - \$10,944.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies in Experimental Atherosclerosis (to be known as National Institutes of Health Project No. 2642 - Sup. #1 - Department of Pathology).
Gross Value - \$7,689.00.
- o. 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 National Institutes of Health Project No. 2701-B - Ext. #2 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$18,438.00.
- p. 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 National Institutes of Health Project No. 2753-A - Ext. #1 - College of Pharmacy).
Gross Value - \$11,262.00.

March 18, 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)

- q. 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 National Institutes of Health Project No. 2762-A - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$47,568.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as National Institutes of Health Project No. 2766-A - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$30,042.00.
- s. Headquarters, Air Force Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Air Force Office of Scientific Research Project No. 2768 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- t. 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 National Institutes of Health Project No. 2769-A - Ext. #1 - College of Pharmacy).
Gross Value - \$24,593.00.
- u. 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 National Institutes of Health Project No. 2771-A - Ext. #1 - Department of Veterinary Medicine).
Gross Value - \$42,146.00.
- v. 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 National Institutes of Health Project No. 2780-A - Ext. #1 - Department of Medical Microbiology).
Gross Value - \$20,673.00.

March 18, 1970 meeting, Board of Trustees

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

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- w. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspects of Male Reproduction (to be known as National Institutes of Health Project No. 2866 - New - Department of Dairy Science).
Gross Value - \$131,662.00.
- x. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Automated System for Water Pollution Control from an Animal Production Unit (to be known as Federal Water Pollution Control Administration Project No. 2980 - New - Department of Agricultural Engineering).
Gross Value - \$50,575.00.
- y. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Temporal Organization of Spoken Language (to be known as National Institutes of Mental Health Project No. 2990 - New - Department of Linguistics).
Gross Value - \$6,627.00.
- z. Department of Health, Education and Welfare, U. S. Office of Education, Washington, D. C., Relationship Between Understanding of Grammatical Conjunction and Reading Comprehension (to be known as U. S. Office of Education Project No. 2991 - New - College of Education - Early and Middle Childhood Education).
Gross Value - \$7,708.00.
- aa. 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 National Institutes of Health Project No. 2993 - New - Department of Chemistry).
Gross Value - \$28,012.00.
- bb. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as National Science Foundation Project No. 2994 - New - Department of Chemistry).
Gross Value - \$45,000.00.
- cc. Air Force Office of Scientific Research, Arlington, Virginia, Physical Automata and Distributed Information Processing Networks (to be known as Air Force Office of Scientific Research Project No. 2996 - New - Department of Electrical Engineering).
Gross Value - \$10,037.00.

March 18, 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)

- dd. National Science Foundation, Washington, D. C., Standard Stars for Rotational Velocity (to be known as National Science Foundation Project No. 2997 - New - Department of Astronomy).
Gross Value - \$107,700.00.
- ee. National Science Foundation, Washington, D. C., The Environmental History of the Galapagos Islands (to be known as National Science Foundation Project No. 2999 - New - College of Biological Sciences - Zoology).
Gross Value - \$60,000.00.
- ff. National Aeronautics and Space Administration, Washington, D. C., Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as National Aeronautics and Space Administration Project No. 3001-A1 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.

TOTAL - Government Research Grants - Federal \$974,535.00

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 The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C697608, C697609 and C698027 - Department of Surgery).
Gross Value - \$3,817.92.
- b. Health Research, Inc., Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc., Project No. 1569 - Check No. 078591 - Department of Surgery).
Gross Value - \$289.00.
- c. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338-C - Letter dated 1/20/70 - Department of English).
Gross Value - \$18,800.00.
- d. The Institute for Quantitative Research, Bowling Green Station, New York, New York, Determinants of Security Price Behavior (to be known as The Institute for Quantitative Research Project No. 2892 - Sup. #1 - College of Administrative Science - Division of Research).
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)

- e. American Association of Colleges of Pharmacy, Silver Spring, Maryland, A Multivariate of the Career Developments of Potential Health Professional - Section III Pharmacy (to be known as American Association of Colleges of Pharmacy Project No. 2950 - Sup. #1 - College of Medicine - Administration).
Gross Value - \$2,000.00.
- f. General Building Contractors Association, Inc., Philadelphia, Pennsylvania, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as General Building Contractors Association, Inc., Project No. 2952 - Sup. #6 - College of Education).
Gross Value - \$2,000.00.
- g. Modern Language Association of America, Center for Editors of American Authors, New York, New York, Ralph Waldo Emerson Works (to be known as Modern Language Association of America Project No. 2992 - New - Department of English).
Gross Value - \$8,300.00.
- h. American Cancer Society, Ohio Division, Cleveland, Ohio, Steroid Metabolism by Canine Mammary Tissues and Tumors Organ Culture (to be known as American Cancer Society Project No. 2998 - New - Department of Veterinary Pathology).
Gross Value - \$5,000.00.

TOTAL - Industrial and Other Research Grants \$44,206.92

Upon motion of Mr. Dunlap, 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.

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

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$31,170.00
Industrial Research Contract	<u>1</u>	<u>2,634.00</u>
Totals	2	\$33,804.00

March 18, 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

During the period from January 17, 1970 through February 26, 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 Contract

EES 356X A Laboratory and Field Durability Study of Asphaltic Mixtures, Ohio Department of Highways, Columbus, Ohio 43216.
Gross Value - \$31,170.00.

2. Industrial Research Contract

EES 355X Investigation of the Ga As Temperature Sensor, Lake Shore Cryotronics, Inc., Hamburg, New York 14075.
Gross Value - \$2,634.00.

C. Agreement Between The Ohio State University
and The Ohio Historical Society

The Ohio Historical Society has occupied facilities on the University campus since 1885. With the construction of a new facility located on the State Fairgrounds nearing completion, The Ohio Historical Society will move from its present facility which will in turn become available to the University. The Ohio General Assembly has appropriated the sum of \$1,000,000 in Sub. H. B. 531, line #3414 for purchase of this facility from The Ohio Historical Society for use by the University.

The terms of the Agreement provide for the Zoological Collections to remain with the University and to continue to be housed in the basement of the present Ohio Historical facility or other suitable facilities.

It was recommended that the President be authorized to sign said Agreement on behalf of the Board of Trustees. This Agreement will become effective when the Society has vacated the facilities on the campus and the provisions of Sub. H. B. 531, line #3414, have been implemented.

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

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March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 12, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$13,554,661.00
Received Through The Ohio State University Development Fund	533,221.94

A. Administered through the Office of Business and Finance

1. \$8,550,750.00 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 20014, to the University for construction of the "Ambulatory Patient Teaching Facility," under the direction of the College of Medicine. This grant was made under Title VII, Part B of the Public Health Service Act. (Grant No. 1C05-CF-04016-01)
2. \$3,408,287.00 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 20014, to the University for construction of an "Addition to Dentistry Building," under the direction of the College of Dentistry. This grant was made under Title VII, Part B of the Public Health Service Act. (Grant No. 1J02-PMDH-00493-01)
3. \$1,406,112.00 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 20014, to the University for construction of a "Health Sciences Library," under the direction of the Colleges of Medicine and Dentistry. This grant was made under Title VII, Part B of the Public Health Service Act. (Grant No. 1C05-CF-04017-01)
4. \$74,700.00 made available pursuant to Title I, Higher Education Act of 1965, through the Ohio Board of Regents for "An Urban Extension Program for Central Ohio." (Program Number 70-944-015)
5. \$41,320.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "General Research Support Grant," under the direction of the College of Pharmacy, for the period January 1, 1970 through December 31, 1970. (Grant No. 5 S01 RR05607-04)
6. \$25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Summer Intensive Language Program in Slavic and East European Studies," under the direction of the Department of Slavic Languages and Literatures, for the period April 1, 1970 through October 15, 1970. (Contract No. OEC-0-70-2608)

March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$19,220.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Education in Librarianship," under the direction of the Department of Computer and Information Science, for the period February 16, 1970 through September 30, 1971. (Grant No. OEG-0-0-450003-0430)
8. \$14,872.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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 September 1, 1969 through May 31, 1970. (Grant No. OEG-3-7-000158-2037)
9. \$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, 1970 through February 28, 1971. (Grant No. 5 A07 AH 00209-03)

TOTAL - Administered Through the Office of Business and Finance -
\$13,554,661.00

B. Received Through The Ohio State University Development Fund

1. \$378,000.00 in securities from Louis C. Fischer for the Artificial Turf Fund in memory of Joseph A. Campanella.
2. \$60,000.00 through a bequest from Mrs. Dorothy Dye Henry (Mrs. Fred B.) for the establishment of two memorial funds--\$35,000.00 for the Fred B. Henry Memorial Fund and \$25,000.00 for the Dorothy Dye Henry Memorial Fund.

Fred B. Henry Memorial Fund

The Fred B. Henry Memorial Fund was established March 18, 1970, by the Board of Trustees of The Ohio State University through a bequest to The Ohio State University Development Fund from Mrs. Dorothy Dye Henry, late of Columbus, Ohio, in memory of her husband Fred B. Henry, B. M. E. '22.

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

March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. Fred B. Henry Memorial Fund (continued)

The annual income from this endowment fund is to be used to provide scholarships, either graduate or undergraduate, student loans or grants-in-aid. The students so assisted are to be enrolled in the College of Engineering, and first preference is to be given to students enrolled in the Department of Mechanical Engineering. In any award or grant made, the financial need of the student shall be a factor. Recommendations for such awards or grants shall be made by the Dean of the College of Engineering, with the concurrence of the Chairman of the Department in which the student is enrolled.

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 Development Fund at its discretion, preference to be given, however, to items and services in the field of engineering.

Dorothy Dye Henry Memorial Fund

The Dorothy Dye Henry Memorial Fund was established March 18, 1970, by the Board of Trustees of The Ohio State University through a bequest to The Ohio State University Development Fund from Dorothy Dye Henry (Mrs. Fred B.), late of Columbus, Ohio.

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

The income is to be used annually in the College of Veterinary Medicine, in accordance with the rules and regulations adopted by the Board of Trustees of The Ohio State University, to improve the medical care of small animals.

In the event this need should cease to exist or so diminish as to create 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 recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$48,612.60 through a bequest from Walter Scott for the establishment of the Walter Scott Memorial Scholarship Fund.

Walter Scott Memorial Scholarship Fund

The Walter Scott Memorial Scholarship Fund was established March 18, 1970, 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 Walter Scott, Ph. D. '22, late of Philadelphia, Pennsylvania.

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 annually for scholarships to students 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 recommendations from the appropriate administrative official of the University who is then directly responsible for the selection and award of scholarships.

4. \$30,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware--\$20,000.00 for the du Pont Fund for Research in Chemistry, \$5,000.00 for the du Pont Fund for Research in Chemical Engineering and \$5,000.00 for the du Pont Fund for Research in Metallurgy.
5. \$23,250.00 from the Charles F. Kettering Foundation, Dayton, Ohio, for the Charles F. Kettering Foundation Study of Human Motivation.
6. \$12,475.00 from The Cleveland Trust Company, Cleveland, Ohio, for International Programs Special Fund.
7. \$10,521.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship.
8. \$10,062.50 from G. D. Searle & Company for the G. D. Searle & Company Research in Medicine Fund.
9. \$10,000.00 from Synod of Ohio, Columbus, Ohio, for the Ohio Synod New Dimensions Program Fund.

March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

10. \$7,692.44 from the Estate of Edmond R. Sawtell, Pittsburgh, Pennsylvania, for the Edmond R. Sawtell Fund.
 11. \$7,500.00 from The Columbus Foundation--\$5,000.00 for the Presidents Club Special Fund [In the name of Mrs. Cathrine C. Hislop (Mrs. John)] and \$2,500.00 for the Preston Davis Fellowship in City Planning Fund.
 12. \$6,738.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship.
 13. \$6,500.00 from Wyeth Laboratories, Philadelphia, Pennsylvania, for the Infectious Disease Research Fund.
 14. \$5,918.75 from the Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
 15. \$5,000.00 from The DeKalb Foundation, DeKalb, Illinois, for the Agricultural Careers Fund.
 16. \$5,000.00 from the Ferro Corporation, Cleveland, Ohio, for the Ferro Corporation Fellowship Fund.
 17. \$5,000.00 from the Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.
 18. \$5,000.00 from Republic Steel Corporation, Cleveland, Ohio, for the John W. Bricker Professorship in the College of Law.
 19. \$2,500.00 from the Hancock County Cancer Society, Findlay, Ohio, for the Hancock County Leukemia Fund.
 20. \$1,064.25 from Seward D. Schooler as an unrestricted gift to the University.
 21. \$1,000.00 from Clarence S. Ohsner for the Presidents Club Special Fund.
- TOTAL - Received Through The Ohio State University Development Fund -
\$641,834.54

March 18, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A collection of Thurber literary materials from Mrs. James Thurber for the James Thurber Reading Room in the University Library.

Upon motion of Mr. Hilliker, seconded by Mr. Jones, 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 January, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	627	\$ 18,064.87
Individuals other than alumni	75	42,689.51
Business concerns	22	70,457.66
Nonprofit organizations	<u>40</u>	<u>167,458.49</u>
	764	\$298,670.53

Of these gifts, 386 totaling \$293,796.04 were undesignated and 378 totaling \$4,874.49 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Means Hall - Additional Patient Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$26,300.00	\$26,725.00	\$425.00

Funds for this project were provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801193 (Means Hall - Toilet Facilities).

Upon motion of Mr. Gibbs, 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 Business and Finance was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

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

A. Evans Laboratory Addition - Revisions to
Electrical and Ventilating Systems

This project will provide the installation of a larger supply air fan motor, new motor control center and relocate the cooling coils in the make-up air system to provide a more reliable system in this area in which toxic gases are being handled.

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

B. Lazenby Hall - Remodeling of Library and
Faculty Research Laboratories

This project will include the conversion of the west basement area to a Library for Biochemistry, Biophysics and Microbiology; the remodeling of three second floor rooms to provide Faculty Research Laboratories for the Zoology Department; and the upgrading of rest room facilities.

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801207 (Lazenby Hall Remodeling).

C. Railroad Siding Removal and Site Restoration

This project will include the removal of all railroad tracks from the east Limited Access line, Highway 315, to The Ohio State University Power Plant; the delivery of all usable standard rails and devices to storage; and the repair and restoration of the site, including blacktop, seeding and sodding, etc., as necessary.

Funds for this project will be 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.

D. McCracken Power Plant - Fuel Oil Storage Addition

This project will increase the capacity of the "Fuel Oil Storage System" from 160,000 gallons to 360,000 gallons thus increasing the time the University can operate during gas supply outages.

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

VI. PLANS AND SPECIFICATIONS (continued)

E. Buckeye Village - Modernization of Electrical Systems in Phase I Buildings

This project provides for upgrading of the electrical distribution systems in 15 of the married student housing apartment buildings consisting of 200 individual apartments.

Funds for this project have been provided in Budget Account 998295 (Dormitory Contingency Fund).

F. Hughes Hall - Electrical Distribution

This project will provide new power transformers, main electric switch-board and distribution wiring to new panelboards to accommodate the increase of lighting levels, air conditioning and other power loads.

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

G. Hamilton Hall - Replacement of Two Elevators

This project consists of removing the existing elevator equipment and the installation of two new units having increased speed, automatic controls, reliable safety devices and operating devices in compliance with present day code requirements.

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

H. Lighting in Mirror Lake Area

This project will provide additional lighting to improve pedestrian safety.

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

I. McPherson Chemical Laboratory - Corridor Renovation

This project will provide complete restoration of the first and second floor corridors, including replacement of plaster walls, patching plaster walls, ceramic tile wainscoting, vinyl wall coverings, acoustical ceilings and relocation and installation of fluorescent fixtures.

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

J. Means Hall - Ventilation System Improvements - Phase I

This project will provide individually controlled through-the-wall air conditioning units in rooms having outside walls.

March 18, 1970 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

J. Means Hall - Ventilation Systems Improvements - Phase I (continued)

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. Dunlap, seconded by Mr. Hilliker, 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 are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

A. University Hospital - Improvements to Ventilation System of 6th Floor and 8 East Nursing Stations (Extension of Project)

On February 12, 1970, the Board of Trustees approved the award of contracts for the project named above. The bids on this project, however, were taken with many alternates in an effort to provide the Hospital with prices on doing the work on a schedule provided by the Hospital, such as working second shifts, and additionally in doing work in several other patient care sections of the Hospital. The purpose of this form of bid was to get prices which would provide the Hospital management with the opportunity to choose as much area as possible for the air conditioning project, limited only to the amount of funds currently available.

The Hospital administration is now able to allocate additional funds to provide for the air conditioning of the following areas: 5th Floor East, 5th Floor Center, 7th Floor West, 7th Floor Center, the entire 8th Floor, the entire 10th Floor and 11th Floor Center. When these areas have been air conditioned, all patient areas except an isolation section on 11th Floor West will have been completed.

Therefore the Board of Trustees was requested to approve the expansion of the project from a total of \$133,900 to \$377,692 together with the acceptance of the duly received and recorded bids thereon.

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).

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

March 18, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

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. University (General) College - Building #4

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 2-19-70)		
X-L Corporation (Columbus)		
Base bid	\$1,196,000.00	\$1,337,000.00
Alt. G-1 Prefinished and prefit doors	N/C	5,500.00
Alt. G-2 Additional landscape planting	2,300.00	4,000.00
Alt. G-3 Pedestrian walkway and canopy	22,000.00	25,000.00
Total Contract	<u>\$1,220,300.00</u>	<u>\$1,371,500.00</u>
<u>Plumbing Contract</u>		
(4 bids received 2-19-70)		
Montoney Heating & Piping Co. (Grove City)		
Base bid	\$ 106,695.00	\$ 107,800.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(4 bids received 2-19-70)		
Dixon and Sons, Inc. (Newark)		
Base bid	\$ 528,880.00	\$ 529,600.00
Alt. HVAC-2 Alternate Boilers	(1,000.00)	N/C
Total Contract	<u>\$ 527,880.00</u>	<u>\$ 529,600.00</u>
<u>Electric Contract</u>		
(6 bids received 2-19-70)		
Mid-City Electric Co. (Columbus)		
Base bid	\$ 388,890.00	\$ 402,000.00
Alt. E-1 Walkway canopy lighting	468.00	320.00
Total Contract	<u>\$ 389,358.00</u>	<u>\$ 402,320.00</u>
<u>Total All Contracts</u>	<u>\$2,244,233.00</u>	<u>\$2,411,220.00</u>

Funds for this project have been provided from Item 315-056, H. B. 949; Item 315-056, H. B. 531; Title I Federal Grant; Federal Recoveries; and Budget Account 801070 (West Union).

C. Primary Electric Line Relocation - Phase III
(13.2 KV Primary Conduit System)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(6 bids received 3-10-70)		
Pence Electric Company (Columbus)	\$ 8,567.00	\$ 20,000.00

March 18, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Primary Electric Line Relocation - Phase III
(13.2 KV Primary Conduit System) (continued)

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

D. University Hospital - Ventilation System Improvements
to 2nd Floor and 3rd Floor East

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(3 bids received 3-11-70)		
Electric Power Equipment Co. (Columbus)		
Base bid	\$ 27,468.00	\$ 50,200.00
Alternate E-1 Parcel No. 4, Radiology Rooms 265-A through 243	1,908.00	5,000.00
Total Contract	<u>\$ 29,376.00</u>	<u>\$ 55,200.00</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(3 bids received 3-11-70)		
Charbetz Company (Columbus)		
Base bid	\$ 10,565.00	\$ 39,780.00
Alternate H-1 Parcel No. 4, Radiology Rooms 265-A through 243	1,432.00	9,060.00
Total Contract	<u>\$ 11,997.00</u>	<u>\$ 48,840.00</u>
<u>Total All Contracts</u>	<u>\$ 41,373.00</u>	<u>\$ 104,040.00</u>

Funds for this project have been provided from Budget Account 801216
(Hospital Air Conditioning).

E. Medical Area Parking Ramp

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 3-17-70)		
Robert W. Setterlin & Son (Columbus)		
Base bid	\$2,169,000.00	\$2,280,500.00
G-1 Add level 4	334,000.00	352,100.00
G-7 Traffic coating, level R	57,100.00	70,000.00
Total Contract	<u>\$2,560,100.00</u>	<u>\$2,702,600.00</u>
<u>Plumbing Contract</u>		
(8 bids received 3-17-70)		
Dixon and Sons, Inc. (Newark)		
Base bid	\$ 118,493.00	\$ 248,150.00
P-1 Add level 4	5,500.00	5,400.00
Total Contract	<u>\$ 123,993.00</u>	<u>\$ 253,550.00</u>

March 18, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Medical Area Parking Ramp (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (6 bids received 3-17-70)		
States Electric Co., Inc. (Columbus)		
Base bid	\$ 274,800.00	\$ 334,220.00
E-1 Add level 4	32,100.00	14,000.00
Total Contract	<u>\$ 306,900.00</u>	<u>\$ 348,220.00</u>
<u>Total All Contracts</u>	<u>\$2,990,993.00</u>	<u>\$3,304,370.00</u>

Funds for the portion of the project which is for parking have been provided in Budget Account 801031 (Parking Ramp - Medical Area) and for that portion of the project which is the helicopter landing deck from the University Hospital Rotary.

F. University Hospital - Electrical Distribution System in Patient Areas

On February 12, 1970, the Board of Trustees awarded this contract to the low bidder, Jess Howard Electric Company, in an amount of \$25,613.00. Subsequently, this contractor claimed an error in his bid and this has been substantiated by the Ohio Department of Public Works.

President Fawcett recommended therefore that the action of the Board concerning this award be rescinded and that the contract be awarded to the second low bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 1-20-70)		
Armstrong Electric Company (Columbus)	\$ 33,200.00	\$ 99,566.00

Funds for this project have been provided by a transfer from University Hospital Rotary to Budget Account 801156 (Starling Loving Electrical System).

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

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 15 Approves the release of \$3,060.00 from Item 315-068, H. B. 531, to provide funds for appraisal and legal fees in connection with the acquisition of property for the College of Agriculture and Home Economics.
- 17 Approves the transfer and release of \$650,000.00 from Item 315-016 Medical Complex, Phase III, to Item 315-076 Ambulatory Patient Teaching Facility, H. B. 531, to provide funds for architectural services, test borings, site surveys, advertising, etc., for the Ambulatory Patient Teaching Facility.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Kenny Road-Tremont Road, Easements to City of Upper Arlington

WHEREAS, the City of Upper Arlington, Ohio, has requested permission to widen and improve Kenny and Tremont Roads on lands adjacent to the the University golf course; and

WHEREAS, this additional land will permit the City of Upper Arlington to improve the roadways and better facilitate the movement of traffic, President Fawcett recommended that the easements be granted to the City of Upper Arlington, Ohio; and

IT WAS RECOMMENDED FURTHER 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 improvement to Kenny and Tremont Roads.

B. Gas Line Easement - Columbia Gas of Ohio

WHEREAS, the construction of the Olentangy Freeway requires a major improvement to Ackerman Road; and

WHEREAS, the improvement to Ackerman Road will necessitate the relocation of a regulator station and a natural gas line running from Kenny Road to the Olentangy River Road along the south side of Ackerman Road; and

WHEREAS, this new right-of-way will permit Columbia Gas of Ohio, Inc., to relocate their existing regulator station and gas lines, President Fawcett recommended that the easement be granted to Columbia Gas of Ohio, Inc.; and

March 18, 1970 meeting, Board of Trustees

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

B. Gas Line Easement - Columbia Gas of Ohio (continued)

IT WAS RECOMMENDED FURTHER 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 this gas service.

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

C. Railroad Siding Removal and Site Restoration - Employment of Engineers

President Fawcett recommended that the firm of Jones-Stuckey, Ltd., Columbus, Ohio, be employed to provide preparation of plans, specifications, contract documents and partial inspection for this project.

The fee for this service is 8 percent of the cost of the contracts and is estimated to be \$5,384.00. Funds for this project will be 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.

D. Ohio Union - Revision of Dishwashing System

President Fawcett recommended that the firm of W. E. Monks, Columbus, Ohio, be employed to provide complete professional engineering services for the mechanical work for this project, including design, preparation of drawings, specifications, estimate of cost and supervision of work as required.

The fee for this service will be calculated on the basis of direct payroll cost times a multiple of two with the total not to exceed 7 percent of the value of applicable contracts and is estimated to be \$2,415.00. Funds for this project are available in Budget Account 921100 (Ohio Union Auxiliary Enterprise Account).

E. Ohio Stadium - Phase V

President Fawcett recommended that the firm of Tully, Hobbs & Partners, Columbus, Ohio, be employed to provide complete architectural engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction as required.

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

E. Ohio Stadium - Phase V (continued)

The fee for this service will be calculated on the basis of the Architect's Society of Ohio standard fee of 8.5 percent of the estimated construction cost, less the State Architect's fee and the work previously done by the University Architect and is estimated to be \$62,548.00. Funds for this project have been provided through gifts from friends of the University and deposited in Budget Account 801125 (Ohio Stadium, Phase V).

F. Agricultural Technical Institute, Wooster -
Employment of Architects

President Fawcett recommended that the firm of Tuchman-Canute, Architects, Akron, Ohio, 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 will be calculated on the basis of the fee schedules of the Architect's Society of Ohio of the AIA. Funds for this project have been provided from Item 235-010 Ohio Board of Regents Architectural Planning, H. B. 531, and Item 366-001 Agricultural Technical Institute, The Ohio State University, Wooster, H. B. 531.

G. Ohio Stadium - Artificial Turf

The Athletic Department through action taken by the Athletic Council has determined the desirability of replacing the natural turf with artificial turf in the Ohio Stadium and on one practice field.

President Fawcett recommended therefore that the President and/or the Vice President for Business and Finance be authorized to develop specifications and invite bids from the leading manufacturers of artificial turf, and further that the project be expedited in the normal University manner through the Department of Public Works. Since timely installation in keeping with manufacturer's recommendations is a mandatory part of this action, it was requested that an emergency be declared and authorization be given to advertise for a ten-day period.

Funds will be available in Budget Account 801226 in which gifts for this purpose will be deposited.

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

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March 18, 1970 meeting, Board of Trustees

X. SALARY INCREASE FOR THE PRESIDENT

Mr. Ketterer made the following statement--

Members of the Board for some time have been considering the status of our President's salary. He came to the University in 1956-57 and has had two salary increases since that time--the last in 1964 which brought his salary to \$40,000. Anybody who has had the opportunity to observe at close range the energy that Novice Fawcett has displayed in directing the affairs of this University--which have not become any simpler as time has gone on--must look with a great deal of admiration on the unflagging energy he has displayed and the almost 24-hour-per-day service he has rendered to this University during the years he has served this University. Under these circumstances we must give serious consideration to the question of whether or not he is not at this time entitled to a salary adjustment in recognition of these tremendous efforts. I am safe in saying that no President of this University has done the Herculean work that Dr. Fawcett has in support of this University. This is our Centennial Year, and I think we would be decidedly remiss in our responsibility as Trustees if we did not raise Dr. Fawcett's salary.

Mr. Jones moved that President Fawcett's salary be increased to \$50,000 per year, effective April 1, 1970. Mr. Eckley seconded the motion which was approved by unanimous roll call vote.

President Fawcett responded by saying that he was deeply grateful to the Board for this action and that he appreciated the fact that the Board had recognized his efforts in behalf of the University.

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Katherine Porter Allen, Assistant Dean and Secretary of the College of Administrative Science; David Floyd Baker, Professor and Chairman of the Department of Industrial Engineering; Philip J. Reel, Clinical Professor Emeritus in the Department of Obstetrics and Gynecology; and August Mahr, Professor Emeritus in the Department of German. 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. Katherine Porter Allen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 8, 1970, of Katherine Porter Allen, Assistant Dean and Secretary, College of Administrative Science.

March 18, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Katherine Porter Allen (continued)

Mrs. Allen was a native of Streator, Illinois. She received her Bachelor's Degree in Business Administration from The Ohio State University in 1927. During her school years she was elected to Mortar Board, national senior women's honorary, and to Beta Gamma Sigma, national business honorary. She was a member of Alpha Xi Delta Sorority. Later she became a respected and honored member of Altrusa International. After her graduation from college, Mrs. Allen accepted a position as assistant to the general merchandise manager of the Rike Kumler Company in Dayton, Ohio. She remained with that company for fifteen years until World War II, when she volunteered for service in the Women's Auxiliary of the United States Navy (WAVES). She became officer-in-charge of some 4,000 women in the nation's largest WAVE barrack in Washington, D. C. She had attained the rank of Lieutenant Commander prior to her leaving the service in 1945, when she returned to The Ohio State University to complete work toward a Master's Degree in Psychology. A month after her graduation in 1946, she was named assistant to the Junior Dean of the former College of Commerce and Administration. She was appointed an assistant professor of business organization in 1947, assistant junior dean in 1949, promoted to associate professor of business organization and appointed secretary of the college in 1955, and was named an assistant dean and secretary in 1966.

Mrs. Allen throughout all her 24 years of service acted as a counselor for students. She held the post of secretary and later advisor for the Beta of Ohio Chapter of Beta Gamma Sigma. She was active in Junior Administrative Council at The Ohio State University, working toward the solution of student administrative and relations problems.

Those who knew her knew that her world of work and her life were inseparable. Her name illuminated by her 24 years of dedicated service has become synonymous with professional education for business and the seeking and achieving of the highest standards of excellence. Mrs. Allen's concern for others in the context of the high standards she held for her college and herself identified her as a warm and sensitive person and gained for her the respect and loyalty of a great circle of friends among faculty, staff and students in the University.

The significant loss brought about by her untimely death will challenge the best from those remaining to carry on her work. Yet her memory leaves only inspiration with which the tasks can be undertaken.

On behalf of the University community, the Board of Trustees expresses to the family of Dean Allen 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.

March 18, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. David Floyd Baker

The Board of Trustees expresses its sorrow at the death on February 10, 1970, of David Floyd Baker, Professor and Chairman of the Department of Industrial Engineering.

Dr. Baker was born in Blue Springs, Missouri, on September 19, 1919. He received his high school diploma from Saltcreek High School (Ohio) in 1937. He served in the U. S. Navy from 1940 to 1947 where he achieved the rank of Warrant Officer and won a Bronze Star and a Gold Star in lieu of a second Bronze Star. After receiving an honorable discharge from the Navy he enrolled in engineering at The Ohio State University. He earned the Bachelor of Industrial Engineering and Master of Science degrees in 1952 and the Ph. D. degree in 1957.

David Baker had a distinguished career as an engineering educator. He became an Instructor in the Department of Industrial Engineering at The Ohio State University in 1953, advancing to Assistant Professor in 1957, Associate Professor in 1958 and Professor in 1961. He was appointed Chairman of the Department of Industrial Engineering in 1964. His primary fields of interest were personnel and engineering administration. He was instrumental in designing the new physical facilities which now house the Industrial Engineering Department as well as being the chief architect of the new four-year undergraduate program in Industrial Engineering. He provided the leadership necessary to qualify the Department of Industrial Engineering at The Ohio State University to be placed among the outstanding departments in the nation offering such a program. Recognition of his outstanding work in Industrial Engineering is evidenced by his chairmanship of Region I of the Engineering Education and Accreditation Committee of Engineer's Council for Professional Development.

Dr. Baker was highly regarded as an administrator and engineer. He had an extensive history of summer and part-time consulting practice providing experience which he used effectively for the benefit of students. He was particularly active in labor arbitration work where his keen observations and understanding of human behavior gained for him wide recognition as a strong and honest man. These same characteristics led both faculty and students to seek his counsel on many diverse questions. He was very much interested in people and they responded favorably to that interest.

David F. Baker was active in a large number of professional and honorary societies. He held many offices at both the local and national level, including that of National President of Alpha Pi Mu, the industrial engineering honorary society.

In addition to his many professional activities, Dave Baker was known to friends as an avid bird watcher, handball player and pilot. He was past president of the Brooks Bird Club and the Columbus Audubon Society. The same enthusiasm which characterized his professional work made all who shared his avocations better persons for having known him. He had a lust for life which could be matched by very few people.

March 18, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. David Floyd Baker (continued)

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.

C. Philip J. Reel

The Board of Trustees expresses its sorrow at the death on January 25, 1970, of Philip J. Reel, M. D., Clinical Professor Emeritus in the Department of Obstetrics and Gynecology of The Ohio State University.

Dr. Reel was born in Union County, Ohio, on September 29, 1890. In 1911, he received, as his premedical training, the degree of Doctor of Veterinary Medicine. He felt, as was typical of his individualism, that this would be the best foundation for the study of Medicine. He received his Doctor of Medicine degree from The Ohio State University in 1915 and continued his training under the tutelage of the best surgeons of his time. This included a year in the gynecologic clinics of the University of Vienna in Austria.

Philip J. Reel and a handful of his colleagues were the very foundation of the faculty of our College of Medicine who, during many difficult years, weathered the storm of near collapse. He was a stern disciplinarian of the "old school" whose two chief objectives were that the student shall learn and the sick patient shall recover. His gruffness as a teacher was outshone only by his kindness to the patients and to the student, especially if he was sure the student was not aware of it at the moment.

Through his continuous efforts toward better teaching, as Chief of the Division of Gynecology of the Department of Surgery, he obtained approval of the residency training program in that specialty in 1935. Under his guidance and encouragement the Gynecologic Cancer Clinic was established in 1943 and was the first such clinic in the College of Medicine approved for the diagnosis and treatment of cancer by the American College of Surgeons. In 1945 he was singularly instrumental in securing faculty and University approval for the establishment and organization of the Department of Obstetrics and Gynecology. He served as the first chairman of the Department for several years.

Dr. Reel's contributions to the medical literature were many and included a textbook of gynecologic nursing. He was a member of Alpha Omega Alpha, Sigma Xi, a diplomate of the American Board of Obstetrics and Gynecology and a member of many other medical and surgical societies. In 1955, he served as President of The Ohio State University Medical Alumni Association. In 1957, he received the Alumni Achievement Award from the College of Medicine and in 1965, he was presented with the Honored Alumnus Certificate for fifty years of practice.

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Philip J. Reel (continued)

With his background of training, vast experience, his inherent dexterity and strict self discipline, he became a master gynecologic surgeon. His fundamental philosophy and teachings will continue to live with the physicians he trained and their students for many years to come in this ever-changing world.

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 College of Medicine and 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. August Mahr

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 21, 1970, of Dr. August Mahr, Professor Emeritus in the Department of German.

Dr. August Mahr was born July 15, 1886, in Frankfurt am Main. Between 1905 and 1911 he attended the Universities of Heidelberg, London, Caen, Frankfurt and Freiburg, receiving the Ph. D. degree from the University of Heidelberg in 1911. From 1912 to 1914 he was Visiting Instructor of German at Yale. After serving in the German armed forces in the First World War, he held administrative and teaching positions in Germany. In 1924 he immigrated to the United States and taught at Stanford University from 1924 to 1930, in which year he came to The Ohio State University as Professor of German. This position he held until his retirement in 1956.

Dr. Mahr's claim to distinction is a scholarly career of great merit and wide scope. He published several books in the field of Greek and Byzantine drama and numerous articles and essays dealing with German literature. After 1947 his work was chiefly devoted to the Moravian mission work among the Indians of Ohio, and this represents a most significant contribution to the early history of Ohio. Through his endeavors a very considerable number of early Moravian documents, written in German, have been made accessible to the historian and scholar. This work, sponsored by The Ohio State Archaeological and Historical Society, has proven to be an abundant source of information on all phases of pioneer life. Out of it grew a number of significant articles, ranging in subject matter from folklore, religious life and missionary activities in 18th century Ohio, to natural history, medicine and the linguistic analysis of Delaware and Algonquin Indian place names and designations of the flora and fauna of their land.

During his busy career he found time to hold important offices in a number of historical and scientific associations and organizations. In 1945 he served as Research Analyst with the U. S. Strategic Bombing Survey of Europe.

March 18, 1970 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

D. August Mahr (continued)

Professor Mahr was an interesting and stimulating teacher. He was liked by his students because of his genuine human concern and his warmth and sincerity. He inspired his friends and students with his imaginative spirit, his dedication to his scholarly work and his capacity for understanding.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Mahr 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.

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XII. REPORTS

A. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities that have taken place or will take place in the near future. Some references included in this report, which is filed with the official records of the Secretary, were as follows:

1. Mr. James Reston, Vice President of The New York Times, will speak at the University Charter Day Convocation to be held Sunday, March 22, as a major event of the Centennial Year observance. Charter Day will mark the 100th anniversary of the signing in 1870 of legislation which established the University.
2. Ohio State will confer degrees on some 1,234 seniors and graduate students at Winter Commencement ceremonies on Thursday, March 19, in St. John Arena. Mr. John Ciardi, poetry editor of the Saturday Review, will deliver the Commencement Address.
3. The University over the past decade was the nation's eighth-largest producer of doctoral degrees, according to a report of the U. S. Office of Education. During the 10 academic years ending with 1967-68, Ohio State had a total of 3,348 doctoral graduates.
4. The College of Dentistry will lead the nation's 52 dental colleges in enrollment when a \$6.5 million expansion program is completed. The expansion will allow the College to increase the size of its freshman class to 200 from the present 155.

March 18, 1970 meeting, Board of Trustees

XII. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated March 17, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, April 9, 1970, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Page 422 Blank

APPENDIX V

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 19, 1970

Page 424 Blank

The Recipients of the Honorary Degrees

HENDRIK W. BODE

Doctor of Science

Internationally recognized scientist, administrator, and author, whose pioneering contributions to engineering are used worldwide

So extensive are the accomplishments of Hendrik W. Bode that no student in any part of the world can obtain an electrical engineering education without studying the classical techniques which bear his name. His writings have gained world recognition. Even today nearly all classical control systems texts devote large sections specifically to his work. In addition, the vast majority of classical system and network design is still performed using his techniques.

A graduate of The Ohio State University, he joined the Bell Telephone Laboratories in 1926 where he specialized in mathematical methods for electrical network analysis and the application of this analysis to long-distance communication. The next decade saw revolutionary technological developments in this area brought about principally by Dr. Bode and his colleagues at Bell Labs. During this period he earned a Ph.D. degree from Columbia University.

In 1939 Dr. Bode completed a text which presented, for the first time, thoroughly scientific methods for the analysis and synthesis of control systems. This information was disseminated throughout the scientific community during World War II and provided the foundation for truly innovative system developments during that period. For his personal contributions to the defense effort, Dr. Bode was awarded the Presidential Certificate of Merit in 1948.

Following this era of outstanding personal accomplishments, Dr. Bode entered the second phase of his illustrious career, that of engineering management, and advanced rapidly through a series of supervisory positions to Vice President of the Bell Telephone Laboratories. His administrative leadership was instrumental in helping the Bell system achieve a position of world prominence in communication technology. Upon his retirement from Bell in 1967, Dr. Bode became the Gordon McKay Professor of Systems Engineering at Harvard University.

The Ohio State University is proud to honor a man whose extraordinary achievements have exerted a profound influence upon thousands of students and, indeed, upon communications systems for the entire world.

WILLIAM W. COOPER

Doctor of Science

Creative research scholar and teacher of the quantitative and behavioral disciplines, architect of innovative structures for administrative science

The career of William W. Cooper, Dean of the new School of Urban and Public Affairs, Carnegie-Mellon University, exemplifies the genius of American scholars and universities for developing new academic approaches to solve old problems.

Educated at the University of Chicago and Columbia University, he is the distinguished student of a distinguished professor of accounting, Eric Kohler, at one time a faculty member at The Ohio State University. In turn, Dean Cooper has been the inspiration for a group of talented students whose unique investigations have created new accounting and management measures.

A pioneering scholar, he has published more than one hundred articles, as well as several books, which have had a major impact, not only on accounting, but on a wide range of other disciplines, including economics, operations research, statistics, and management science. Despite the administrative demands of his present post, he continues to produce research which is always thoroughly integrated with the actual world.

Dean Cooper has been a moving force in the development and implementation of at least three major structures which seek to contribute an additional dimension to our society through research in the quantitative and behavioral sciences. First, for more than two decades he was a key figure in the development of the Carnegie-Mellon Graduate School of Industrial Management, now the primary model for schools for business and government throughout the world. Second, he was the founder and first president of The Institute of Management Science, now the organizational focal point for a whole new breed of international scholars. Finally, in recent years, much of his discerning but zestful intellect has been devoted to the development of another new school of administrative science, this one concerned with the fundamental quality of our daily life.

The Ohio State University is proud to recognize this remarkable American and creative catalyst who is so effective in getting experience out of his ideas.

HENRY B. HASS

Doctor of Science

Eminent scientist, recognized nationally for his extraordinary achievements in the fields of chemistry, engineering, and education

The contributions of Henry B. Hass extend far beyond the chemistry laboratory. His life and habits, his very personality reveal a profound understanding of the human condition and have set a contagious example for his students and colleagues.

Dr. Hass received his Ph.D. degree from The Ohio State University in 1925. After three years of industrial research, he joined the faculty of Purdue University where he served for twenty-one years, more than half that period as Chairman of the Department of Chemistry.

While at Purdue Dr. Hass was involved with the creation of the Purdue Research Foundation and was in charge of the foundation's first project which resulted in rules for predicting the products of the chlorination of hydrocarbons. The fundamental work of Dr. Hass and his students on this project led directly to important commercial chemicals as well as to a new line of resins for plastics. Next came the discovery by Dr. Hass and his students that paraffin hydrocarbons could be nitrated in a vapor process to produce high yields of products that soon found applications in industry.

In the early 1940's Dr. Hass became associated with the Manhattan Project where he developed methods for producing essential fluorocarbons needed for gaseous diffusion operations installed at Oak Ridge National Laboratory. He left Purdue in 1949 to become Manager of Research and Development for General Aniline and Film Corporation. From 1952 to 1961 he served as Director of the Sugar Research Foundation, then joined the M. W. Kellogg Company as Manager of Chemical Research and Development and now serves that firm as a full-time consultant.

In 1968 the American Chemical Society honored Dr. Hass by awarding him the prized Perkin Medal. In 1969 his achievements were also recognized when he received the Gold Medal of the American Institute of Chemists.

The Ohio State University is proud to honor a distinguished alumnus for his outstanding contributions to science and his fellow man.

MAYNARD K. HINE

Doctor of Science

Able and respected academic administrator, productive author and scholar, dedicated leader in the field of dentistry

In the current period of history, when university administrators are often neither liked nor respected by some in the academic community, Maynard K. Hine stands out as a scholar, teacher, and administrator who retains the respect and affection of his colleagues and students.

As Chancellor of the new Indiana University—Purdue University at Indianapolis, he has undertaken the challenging assignment of forging an alliance between the urban campuses of two major universities. The task required an academic statesman, a man of vision and personal distinction as scholar and teacher. All of these qualifications Chancellor Hine had amply demonstrated throughout a distinguished career as one of the nation's leading educators in the field of dentistry.

Dr. Hine received his dental education at the University of Illinois where he taught for a decade before joining the School of Dentistry at Indiana University in 1944. The next year he was named Dean, a position he held until 1969 when he became Chancellor. During his years as Dean, his extraordinary leadership abilities and his scholarly productivity carried him to a position of eminence in his field, as evidenced by his services as president of many professional organizations, including the American Dental Association, the American Association of Dental Schools, and the International Association for Dental Research.

Co-author of five books, contributor of numerous articles to scientific journals, Dr. Hine also serves as editor of the American Journal of Periodontology, a position he has held since 1950. He has served as Chairman of the Council on Dental Research of the American Dental Association, member of the Board of Regents of the National Library of Medicine, and member of the National Advisory Dental Research Council of the Department of Health, Education, and Welfare, to note but a few of many positions of professional service which he has filled.

For his extensive contributions to the dental profession, Dr. Hine has been widely recognized and honored. The Ohio State University adds with pride a new accolade in recognition of scholarly attainments of the highest order.

ALVAH PETERSON

Doctor of Science

Gifted teacher and research entomologist, whose contributions to science and to man span more than half a century

Alvah Peterson has had a significant and lasting influence of major proportions in the fields of entomology and environmental quality. His contributions include studies of the structure of the order of thrips, macrophotography of insect eggs, and techniques for the study of insects in the field and laboratory. He produced the classic work of an identification system for immature insects and pioneered the development of biological control.

Dr. Peterson saw the importance and possibilities of using parasitic and predacious insects to assist in the control of damaging insect pests long before the concept of biological control was generally appreciated in the United States. His investigations were conducted before the significance of ecological balance, or the dangers of persistent insecticides in the environment were recognized by the public, or by most entomologists. Modern procedures for reducing hazardous pesticides in our environment can, in part, be traced to the pioneering efforts of Alvah Peterson.

Alvah Peterson's two-volume work, *Larvae of Insects*, is a classical contribution to systematics. Until the publication of Dr. Peterson's system of identification based upon insect larvae, there was no satisfactory procedure for obtaining accurate identification of immature insects. These books have guided researchers and insect control specialists around the world and are the basis for courses in insect study at many universities.

Dr. Peterson is a graduate of Knox College and the University of Illinois. He taught at Rutgers University and later was appointed senior entomologist for the U.S.D.A. Bureau of Entomology. In 1928, Dr. Peterson joined the faculty of The Ohio State University and served with distinction until his retirement as Professor Emeritus in 1958.

Possessor of a rare combination of kindness, compassion, vision, and high scholarly ability, Alvah Peterson inspired in students and colleagues at Ohio State a confidence and trust rarely found in men. The Ohio State University is proud to honor a renowned scholar and an outstanding teacher.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

Ninety-seven candidates

Robert Wilson Adams, Dayton
B.A., M.A., (Syracuse University)
Dissertation: Urban Renewal Politics: A Case Study of Columbus, Ohio 1952-1961
Field of Specialization: Political Science

Girish Kumar Agrawal, New Delhi, India
B.Sc. (Allahabad University); B.E. (Roorkee University); M.E. (Indian Institute of Science)
Dissertation: General Theory of Heterogeneous Elastic Plates
Field of Specialization: Engineering Mechanics

Earl Betson Alexander, Jr., Westerville
B.S. in Agr., M.S.
Dissertation: A Chronosequence of Soils on Terraces along the Cauca River, Colombia
Field of Specialization: Agronomy

James William Altschuld, Cleveland Heights
A.B. (Case Western Reserve University); M.S.
Dissertation: A Study of an Experimental Training Program in Educational Research and Development—The Measurement and Analysis of Factors Predictive of Graduate Student Success
Field of Specialization: Education

John Scribner Barclay, Branford, Conn.
B.S. (University of Maine); M.S. (Pennsylvania State University)
Dissertation: Ecological Aspects of Defensive Behavior in Breeding Mallards and Black Ducks
Field of Specialization: Zoology

Keith David Barnes, Columbus
B.S. in Edu., M.A.
Dissertation: The School Counselor Preferences of Senior High School Students
Field of Specialization: Education

Robert Bruce Beelman, Columbus
B.S. (Capital University); M.S.
Dissertation: The Effect of Grape Must Pressing Treatments on Some Factors of Importance to the Stimulation of Induced Malo-Lactic Fermentation
Field of Specialization: Horticulture

Duane Erman Bell, Columbus
B.S. (Muskogum College); M.S. (Miami University)
Dissertation: Kinetics of $^{14}\text{CO}_2$ Uptake in Relation to Photorespiration and Nitrate Reduction
Field of Specialization: Botany

Amar Krishan Bhargava, Jaipur, India
B.V.Sc. and A.H. (University of Rajasthan); M.S.
Dissertation: The Clinical Evaluation of Contrast Pleurography and Pleurographic Media in Dogs
Field of Specialization: Veterinary Surgery and Radiology

Lakew Birke, Dire Dawa, Ethiopia
B.S. (Imperial Ethiopian College of Agricultural and Mechanical Arts); M.S.
Dissertation: The Impact of the Dogali Irrigation Project on the National Income of Ethiopia
Field of Specialization: Agricultural Economics and Rural Sociology

Richard Brian Bonnett, Jamestown, N. Y.
B.S. (Allegheny College); M.S. (University of Maine)
Dissertation: Glacial Sequence of the Upper Boulder Creek Drainage Basin in the Colorado Front Range
Field of Specialization: Geology

Howell Keith Brewer, Fairborn
B.M.E. (Cleveland State University); M.S.
Dissertation: Stresses and Deformations in Multiply Bias Pneumatic Tires Subject to Inflation Pressure Loading
Field of Specialization: Engineering Mechanics

Dean Raymond Brown, Columbus
B.S.E.E. (Rose Polytechnic Institute); M.S.E. (Rensselaer Polytechnic Institute); M.A.
Dissertation: B-Convexity in Banach Spaces
Field of Specialization: Mathematics

Donna Browder Brown, Columbus
B.S. in Edu., M.A.
Dissertation: Toward a Methodology for Improving Vocabulary Development of Low-Income Children
Field of Specialization: Education

Theodore Grant Brown, Cincinnati
A.B. (University of Cincinnati); M.A.
Dissertation: Semantic Structure and the Teaching of French
Field of Specialization: Education

Seifrid Paul Bruny, Columbus
B.S. in Agr., M.A.
Dissertation: Educational and Experiential Backgrounds of Adult Educators in Franklin County, Ohio and Their Training Needs
Field of Specialization: Education

James Lee Bunyan, Dayton
A.B. (Earlham College)
Dissertation: The Change of Floating Potential Resonance Probe in the Flight Dynamics Laboratory Arc Flowing Plasma
Field of Specialization: Physics

James Osmer Carpenter, Ann Arbor, Mich.
B.A. (Michigan State University); M.A.
Dissertation: Dyadic Congruency Profiles
Field of Specialization: Sociology

Frank Louis Damm, Cleveland
B.S. (University of Dayton); M.S.
Dissertation: Silicon I GF-Values
Field of Specialization: Astronomy

Sister Mary Faith Dargan, Columbus
B.A. (Albertus Magnus College); M.A. (Boston College)
Dissertation: The Interplay of *Ethos* and Legal Issues in Certain Private Orations of Demosthenes
Field of Specialization: Classics

Jon Kingsley Davis, Salt Lake City, Utah
B.S. in Edu., M.A. (Ball State University)
Dissertation: Cultural Affirmations as a Source of Curriculum Content and Design Elements
Field of Specialization: Education

Gilbert Pharee Dempsey, Henderson, Ky.
B.S. in Agr. (University of Kentucky); M.S.
Dissertation: The Movement of Eggs through the
Columbus, Ohio Metropolitan Area, 1962-63
Field of Specialization: Poultry Science

Larry Allan Diehl, Flint, Mich.
B. of Aero. Eng. (University of Detroit)
Dissertation: An Experimental Investigation of the Role
of Resonance Heating in the Autoignition of Flowing
Combustible Gas Mixtures
Field of Specialization: Aeronautical and Astronautical
Engineering

Joseph Wayman Duncan, Worthington
B.S. in Mech. Engr. (Case Western Reserve University);
M.B.A. (Harvard University)
Dissertation: Technical Manpower in a Research
Organization: A Case Study of Patterns of Job
Preparation and Job Function
Field of Specialization: Economics

John Charles Durance, Bucyrus
B.S. in Edu.
Dissertation: Samuel Hallett: The Career of an American
Promoter, with Implications for the Teaching of History
Field of Specialization: Education

Lowell Reid Duren, Westminster, Md.
B.S. (Southwestern State College); M.Nat.Sci.
(University of Oklahoma)
Dissertation: An Adaptation of the Moore Method to the
Teaching of Undergraduate Real Analysis—A Case Study
Report
Field of Specialization: Education

William Leroy Felix, Jr., Missoula, Mont.
B.S.B.A., M.S.B.A. (Montana State University)
Dissertation: The Relationship between Technical Change and
Reported Performance
Field of Specialization: Accounting

Edwin Mark Greenberg, Brooklyn, N. Y.
B.S. (Brooklyn College); M.A.
Dissertation: Cueing to Forget in a Short-Term Memory
Task: A Comparison Between Schizophrenic and Control
Subjects in the Ability to Reduce Proactive Interference
Field of Specialization: Psychology

Madeline Molnar Hall, Cleveland
B.S.
Dissertation: Receptor Mechanisms Involved in the
Regulation of ACTH Secretion
Field of Specialization: Pharmacology

James Francis Hamilton, Cleveland
B.S. in Edu. (Kent State University); M.A.
Dissertation: Rousseau's Socio-Political Concept of
Literature
Field of Specialization: Romance Languages

Farouk Aly Hassan, Alexandria, United Arab Republic
B.Sc.Agr., M.Sc. (Alexandria University)
Dissertation: Effect of Composition of Leaching Solutions
and Leaching Patterns on the Hydraulic Conductivity of
Swelling Porous Materials
Field of Specialization: Agronomy

Lowell Eugene Hedges, Green Camp
B.S. in Agr., M.S.
Dissertation: The Feasibility of Using Videotape
Techniques in Pre-Service Teacher Education in
Agriculture
Field of Specialization: Agricultural Education

David Allen Hill, Rocky River
B.S.E.E., M.S. (Ohio University)
Dissertation: Electromagnetic Scattering Concepts
Applied to the Detection of Targets Near the Ground
Field of Specialization: Electrical Engineering

Carl Boyd Hilland, Albuquerque, N. Mex.
B.S. (United States Naval Academy); M.S.Nucl.E.
(United States Air Force Institute of Technology)
Dissertation: Production and Diagnostic Measurements of
a Pulsed High Density Kilovolt Plasma Employing a
Noncylindrical Z Pinch
Field of Specialization: Physics

Lawrence Edwin Hooks, Dayton
B.S. (Case Western Reserve University)
Dissertation: An Analytical Model for Estimating Total
Heart Power Output with and without Whole-Body
Vibration
Field of Specialization: Aeronautical and Astronautical
Engineering

James Emery Houseman, North Canton
B.Cer.E.
Dissertation: Pilot Scale Studies of the Influences of
Kiln Atmospheres in Firing Structural Clay Products
Field of Specialization: Ceramic Engineering

Stephen Craig Hurlock, Walled Lake, Mich.
B.A. (Kalamazoo College)
Dissertation: High Resolution Absorption Spectra of the
Isotopic Modifications of Nitrogen Dioxide and other
Small Molecules
Field of Specialization: Physics

Charles Willis Hutchins, Jr., Feasterville, Pa.
B.A., M.A. (California State College at Los Angeles)
Dissertation: A New Approach to the Construction of a
Prediction Battery
Field of Specialization: Psychology

Anthony Gabriel Jennetti, Lebanon, Pa.
B.S. (Pennsylvania State University); M.S.
Dissertation: Increased-Directivity Antennas
Field of Specialization: Electrical Engineering

Evelyn Hume Johnson, Lexington, Ky.
B.S. (Eastern Kentucky State College); M.A. in Ed.
(University of Kentucky)
Dissertation: An Investigation of Food Purchasing
Practices of Selected Low-Income Homemakers
Field of Specialization: Home Economics

Robert Suddards Joyce, Portland, Me.
B.A. (University of Maine); M.A.
Dissertation: A History of the Armbruster Scenic Studio
of Columbus, Ohio
Field of Specialization: Theatre

- Sami Yusef Kalliney, Abu Kurkas, United Arab Republic
B.Sc. and Ed. (Teachers Training College, Cairo);
M.A., M.S.
Dissertation: Complexes of Some Monovalent and Divalent
Cations with Tri- and Tetrametaphosphate in Aqueous
Solution
Field of Specialization: Chemistry
- Chin Hyung Kim, Seoul, Korea
B.A. (University of Minnesota); A.M. (Columbia
University)
Dissertation: Studies in Perturbation Theory
Field of Specialization: Chemistry
- David Reid Lankard, Columbus
B.S. (Indiana University); M.S. (University of Illinois)
Dissertation: The Dimensional Instability of Heated
Portland Cement Concrete
Field of Specialization: Ceramic Engineering
- Lloyd Luther Laubach, Yellow Springs
B.S. in Educ. (Central State College); M.S. (University
of Oregon)
Dissertation: Characteristics of the Range of Joint Motion
and its Relationship to Selected Anthropometric
Dimensions and Somatotype Components
Field of Specialization: Physical Education
- Walter John Lesiak, Jr., Meriden, Conn.
B.S. (Central Connecticut State College); M.A.
Dissertation: The Relationships of the Internal-External
Locus of Control Dimension to Scholastic Achievement,
Reflection-Impulsivity and Residence in Priority Areas
Field of Specialization: Psychology
- Wiley Buford Lewis, St. Paul, Va.
B.S. (Virginia Polytechnic Institute); M.S. (West
Virginia University)
Dissertation: Agricultural Mechanics as Performed on
Ohio Farms in Comparison with Offerings in Vocational
Agriculture
Field of Specialization: Agricultural Education
- Jenn Huei Liang, Tainan, Taiwan
B.S. (Cheng Kung University)
Dissertation: Improved Methods of Calculation of Energy
Localized Molecular Orbitals: Methods of Steepest and
Principal Ascents and Applications to the H₂O, NH₃, CH₄,
HCHO, and CH₃OH Molecules
Field of Specialization: Chemistry
- Alfred Lovitz, Jr., Mt. Hope, W. Va.
B.S., M.S. (Marshall University)
Dissertation: Nocturnal Roosting Behavior of Some
Members of the Family Icteridae and Their Allies in
Deciduous Roosts as Recorded by the Infra-Red Imaging
Camera
Field of Specialization: Zoology
- Eugene Stephen Lubot, Norton, Mass.
A.B. (University of Pennsylvania); M.A. (University of
South Carolina)
Dissertation: Ts'ai Yuan-pei from Confucian Scholar to
Chancellor of Peking University, 1868-1923: The Evolution
of a Patient Reformer
Field of Specialization: History
- Jesse Beadles Lumsden, III, Columbus
B.S. (Richmond College)
Dissertation: Quadrupole Splitting of AL²⁷ Nuclear
Magnetic Resonance in Topaz
Field of Specialization: Physics
- Tushar Kanti Maitra, Sindri, Bihar, India
B.Sc., B.M. and S. (University of Calcutta); M.S.
Dissertation: A Study of the Alpha-2 Fraction of Serum
Protein in Viral Hepatitis
Field of Specialization: Pathology
- Andrés Manring, Raleigh, N. C.
B.S.
Dissertation: The Staircase Phenomenon in Guinea Pig
Left Atria: A Calcium Exchange Model
Field of Specialization: Physics
- Fathi Elsayed Mattar, Kafr Elzayat, United Arab
Republic
B.S. (Alexandria University)
Dissertation: Changes in Cellular Morphology and
Macromolecule Synthesis During Excystment of
Acanthamoeba castellanii
Field of Specialization: Zoology
- James Duvall McCarthy, United States Air Force
Academy, Colo.
B.A. (University of Notre Dame); M.A.
Dissertation: Duty and Interest in Butler's Moral Theory
Field of Specialization: Philosophy
- Roy Barnard McCauley, III, Worthington
B.S.
Dissertation: Early Effects of Phenobarbital on
Cytoplasmic RNA in Rat Liver
Field of Specialization: Pharmacology
- Michael Lathrop McMillan, Detroit, Mich.
B.S.E., M.S.E. (University of Michigan)
Dissertation: Drag Reduction and Light Scattering Studies
of Aluminum Disoaps in Toluene
Field of Specialization: Chemical Engineering
- James Joe Melton, Cincinnati
A.B. (Eastern Kentucky University); M.Ed. (University
of Cincinnati)
Dissertation: Old Order Amish Awareness and
Understanding of Mental Retardation: A Religious
Subcultural Approach to the Phenomenon
Field of Specialization: Education
- Lois M. Frolkis Messerman, Cleveland
A.B. (Case Western Reserve University);
M.S. (Georgetown University)
Dissertation: The Theatre of Fernando Arrabal: A
Garden of Earthly Delights
Field of Specialization: Romance Languages
- Robert James Miller, Uhrichsville
B.Cer.E., M.S.
Dissertation: Stoichiometric and Compositional Effects in
Crychemically Processed Barium Ferrite Ceramics
Field of Specialization: Ceramic Engineering

Neil Byron Mills, Fairfax, Va.
B.S. (Cornell University); B.S. (University of Hawaii);
M.S.
Dissertation: Production Functions of Small Commercial
Farms in the East North Central States, 1966
Field of Specialization: Agricultural Economics and
Rural Sociology

John Colin Nash, London, Ont., Canada
B.A. (Hons.) (University of Western Ontario);
M.S. (University of Illinois)
Dissertation: The Relationship of Ordinal Status to
Sex-Role Identity, Father-Identification, and Self-Esteem
among University Males
Field of Specialization: Physical Education (Health
Education)

Gabriel Francis També Obenson, Mamfe, West Cameroon
B.Sc. (International Training Center for Aerial Survey,
Holland); M.S.
Dissertation: Direct Evaluation of the Earth's Gravity
Anomaly Field from Orbital Analysis of Artificial
Earth Satellites
Field of Specialization: Geodetic Science

Manuel Trinidad Pacheco, Maxwell, N. Mex.
A.B. (New Mexico Highlands University)
Dissertation: The Role of Meaning in the Teaching of
Modern Foreign Languages
Field of Specialization: Education

Robert Edgar Peters, Springfield
B.S. in Edu., M.A.
Dissertation: Relationships Between Characteristics of
Trainees and Completion of On-the-job Training
Field of Specialization: Education

James Valerian Pinto, Bombay, India
B.Sc., B.Sc.Chem. (University of Bombay)
Dissertation: The Synthesis of 2-Amino-2-Deoxy
Disaccharides
Field of Specialization: Chemistry

Michael Jerome Quigley, Columbus
A.B., M.E. (Central State University)
Dissertation: A Study of Carl Sandburg: A Major Writer
for the Secondary School of Today
Field of Specialization: Education

Raymond Henry Reisinger, Scotia, N. Y.
B.S., M.S. (State University of New York at Albany)
Dissertation: Characteristics and Perceptions of Seniors
Enrolled in New York State Area Vocational Centers
Field of Specialization: Education

Robert Emmett Roche, Jr., Celina
B.C.E., M.S.
Dissertation: Oxygen Transport and Reaction Kinetics in
Activated Sludge
Field of Specialization: Civil Engineering

Michael Larry Rose, Roanoke, Va.
B.S. (Roanoke College); M.S.
Dissertation: Applications and Development of Thin
Layer Electro-chemistry Employing Twin Dropping
Mercury Electrodes
Field of Specialization: Chemistry

Fraze Lee St. John, Oxford
B.S.Ed. (Miami University); A.M. (Indiana University)
Dissertation: The Life History and Reproduction of the
Crayfish *Orconectes sanborni* (Faxon) (Crustacea:
Decapoda: Astacidae)
Field of Specialization: Zoology

Jeffrey Schilit, Columbus
B.S. in Ed. (California-State College, Pennsylvania);
M.Ed. (Pennsylvania State University)
Dissertation: Attitudes of Coaches and Educable Mental
Retardates Toward the Retardates' Participation in
Interscholastic Athletic Competition
Field of Specialization: Education

Ben Marshall Schowe, Jr., Columbus
B.A. (Gallaudet College); M.A.
Dissertation: Education of the Deaf in the Sixties: A
Description and Critique
Field of Specialization: Education

Joseph Francis Schwietering, Columbus
B.S.
Dissertation: Devonian Shales of Ohio and Their Eastern
Equivalents
Field of Specialization: Geology

Marilyn Cole Shea, Trotwood
B.S. (New York State University College of Education,
Cortland); M.A.
Dissertation: The Differentiation of Judgment
Field of Specialization: Psychology

Florence Elizabeth Sims, Pascagoula, Miss.
B.A. (University of Mississippi); A.M. (Indiana
University)
Dissertation: Oviposition Inhibition in *Sinella carviseta*
Brook (Collembola: Entomobryidae)
Field of Specialization: Zoology

Kenneth Larry Smith, Albuquerque, N. Mex.
B.S. (New Mexico State University); M.S.
Dissertation: The IgG Immunoglobulin of Bovine Lactaeal
Secretion and a Possible Role of Estrogen on IgG₁
Concentration
Field of Specialization: Dairy Science

Thomas Herman Smith, La Grange, Ill.
B.S. in Ed., M.A. (Miami University)
Dissertation: A Description and Analysis of the Early
Diffusion of Color Television in the United States
Field of Specialization: Speech

John Nunnelee Snider, Knoxville, Tenn.
B.I.E., M.S.
Dissertation: The Development of a Perceptually Based
Model of the Human Controller
Field of Specialization: Industrial Engineering

Louis Stamps, Arlington Heights, Ill.
B.S. (Pennsylvania State University); M.A. (Bucknell
University)
Dissertation: The Effects of Intervention Techniques on
Fear of Failure Behavior
Field of Specialization: Psychology

George Frederick Starner, Florham Park, N. J.
A.B. (Oberlin College); A.M. (University of Michigan)
Dissertation: Variation in the Level of Taxes on Property:
An Ohio Case
Field of Specialization: Economics

Alan Jerald Stevens, Dayton
B.S. (University of Dayton)
Dissertation: Determination of the Axial Vector to
Vector Ratio in the Beta Decay of the Lambda Hyperon
Field of Specialization: Physics

Joseph Francis Stranges, Jr., Columbus
B.S. in Edu., M.A.
Dissertation: A Comparative Study of the Open and the
Closed-Minded Students' Preferences for Lecture or
Discussion Methods
Field of Specialization: Education

James Arthur Swenberg, Columbus
B.S., D.V.M. (University of Minnesota); M.S.
Dissertation: Experimental Neurooncogenesis Using
Resorptive Nitrosoureas
Field of Specialization: Veterinary Pathology

Donald Conrad Tetmeyer, Grove City
B.I.E. (Syracuse University); M.S. (Air Force Institute of
Technology)
Dissertation: The Influence of Partial Models and
Criterion Measurement Scales on Consideration of
Incommensurate Criterion Variables in a Complex
Decision
Field of Specialization: Business Organization

Fred Arnold Thornton, Tallahassee, Fla.
B.S., M.Acc. (Florida State University)
Dissertation: An Examination of the Economic
Implications Inherent in Federal Power Commission Cost
Allocation Policies for Natural Gas Pipeline Companies
for the Period 1952-1967
Field of Specialization: Accounting

Daniel Edward Tira, Joliet, Ill.
B.S. (Saint Procopius College, Illinois)
Dissertation: An Introduction to the Theory and
Application of the Product-Moment Family of
Correlations via a Computer Assisted Instructional
System
Field of Specialization: Education

Donald Eugene Trent, Grove City
B.S., M.S. (Canisius College)
Dissertation: High Pressure Synthesis and Influence of
Pressure on Cation Distribution in 2-3 and 2-4 Spinel
Field of Specialization: Mineralogy

Leonard Lo-Ho Tsai, Columbus
B.E.E., M.S.
Dissertation: Analysis and Measurement of a Dipole
Antenna Mounted Symmetrically on a Conducting Sphere
or Cylinder
Field of Specialization: Electrical Engineering

John David Turnbull, Brookville, Pa.
B.S. (Pennsylvania State University)
Dissertation: The Inhibition of Hepatic Drug Metabolism
by Some N,N'-bis(dichloroacetyl) diamines
Field of Specialization: Physiological Chemistry

Robert Herman Vorsteg, Decatur, Ga.
B.A. (Florida State University); M.A.
Dissertation: Philosophical Explications of Meaning
Field of Specialization: Philosophy

Richard Gary Wettan, New York, N. Y.
B.A. (Queens College); M.S.Ed. (Brooklyn College)
Dissertation: The Life and Contributions of George Louis
Meylan, M.D., to Physical Education and Camping
Field of Specialization: Physical Education

John Austin White, Jr., Blacksburg, Va.
B.S.I.E. (University of Arkansas); M.S. (Virginia
Polytechnic Institute)
Dissertation: Normative Models for Some Segregated
Storage and Warehouse Sizing Problems
Field of Specialization: Industrial Engineering

Tso-hai Wu, Tsoying, Taiwan
B.S.E.E. (Chinese Naval College of Technology);
M.S.E.E. (United States Naval Post Graduate School)
Dissertation: Time Optimal Control with a Fuel
Constraint for Linear Time-Invariant Second-Order Plants
Field of Specialization: Electrical Engineering

Houng-Yi Yang, Hsinchu, Taiwan
B.S. (National Taiwan University); M.S. (University of
Minnesota)
Dissertation: Phase Equilibria of the Join Akermanite-
Anorthite-Forsterite in the System CaO-MgO-Al₂O₃-SiO₂
at Atmospheric Pressure
Field of Specialization: Mineralogy

Heh-nien Yieh, Taipei, Taiwan
B.S. (Tunghai University); M.S. (Iowa State University)
Dissertation: Turbulent Mixing with Chemical Reaction
Field of Specialization: Chemical Engineering

Myron Michael Zajkowski, Detroit, Mich.
B.A., M.A. (Bowling Green State University)
Dissertation: The Role of Reinforcement in Simple
Monitoring Behavior
Field of Specialization: Psychology

**Certificate of Specialist in
Educational Administration**

One candidate

Galen Smith Kyre, Marysville
B.A. (Fairmont State College);
A.M. (West Virginia University)

Master of Accounting

One candidate

Richard Vaughn Ross, Columbus
A.B. (Milligan College)
Field of Specialization: Accounting

Master of Arts

Ninety candidates

Charles Michael Andean,
Youngstown
B.A. (Youngstown State University)
Field of Specialization: Business
Organization

Patricia Jo Anne Beatley,
Russells Point
B.S.Ed. (Ohio Northern University)
Field of Specialization: Education

Barbara Luck Bershon, Columbus
B.S. in Edu.
Field of Specialization: Education

Eileen Carol Billie, Parma
B.A.
Field of Specialization: Journalism

Harold Neal Billman, Columbus
B.S. in Edu.
Field of Specialization: Physical
Education

Susanne Schwarz Blatt, Columbus
A.B. (Douglass College)
Field of Specialization: Education

Bernard Allison Block, Mansfield
B.A.
Field of Specialization: History

Sharonne Ann Bozsoki, Lorain
B.A. (Bowling Green State
University)
Field of Specialization: Philosophy

David Lee Bruey, Lisbon
B.A.
Field of Specialization: Speech

August Elias Brunsman, III,
Kettering
B.A. (University of Dayton)
Field of Specialization: Sociology

Jack L. Bullar, Worthington
B.S. in Ed. (Southern Illinois
University)
Field of Specialization: Education

Gerald Clayton Burch, Columbus
B.Ed. (University of Omaha)
Field of Specialization: Journalism

Vernon King Burger, Euclid
B.S. in Edu.
Field of Specialization: Education

John Delmas Burkhart, Barnesville
A.B. (College of Saint Charles
Borromeo)
Field of Specialization: Education

Rita Marie Byrnes, Elkhorn, Wis.
B.S. (Saint Mary's College, Indiana)
Field of Specialization: Anthropology

Priscilla Scott Cady, Columbus
B.S. in Edu.
Field of Specialization: History

Carol Coburn Campbell, Middletown
A.B. (Duke University)
Field of Specialization: Romance
Languages

Sara Lynn Cheatham, Berkeley, Calif.
B.A. (American University)
Field of Specialization: Romance
Languages

Jay Franklin Chidsey, Green Springs
A.B. (Antioch College);
B.D. (University of Chicago)
Field of Specialization: Education

Anna Dimitriadoy Christoforidis,
Columbus
B.F.A.
Field of Specialization: Art

James Clement Claggett, Grove City
B.S. in Educ. (Wittenberg
University)
Field of Specialization: Education

Joyce Janet Contrucci,
Pittsburgh, Pa.
B.A. (Newton College of the
Sacred Heart)
Field of Specialization: Psychology

Cleburne Harry Copper, Mansfield
B.S. (Ohio University)
Field of Specialization: Education

Shirley Elaine Davis, Jacksonville
B.S.Ed. (Ohio University)
Field of Specialization: Education

Michele Frances DelBane, Hubbard
B.S. in Edu.
Field of Specialization: Education

John Frederick Down,
Newton Square, Pa.
B.A. (Ohio Wesleyan University)
Field of Specialization: Political
Science

Eleanor Diane Dresser,
Baltimore, Md.
B.A. (Ohio Wesleyan University)
Field of Specialization: Romance
Languages

Anne Lewis Everton, Columbus
B.A. (Transylvania College)
Field of Specialization: Education

Julie Grimm Fiscus, North Canton
B.A. (Mount Union College)
Field of Specialization: Education

Ronald Philip Fisher,
Queens Village, N. Y.
B.A. (Queens College)
Field of Specialization: Psychology

David Vincent Gehle, Columbus
B.A. (University of Dayton)
Field of Specialization: Slavic
Languages

Mary Martha Gerlach, Versailles
B.A. (Miami University)
Field of Specialization: Romance
Languages

Boreta Quinn Gibson, Reynoldsburg
A.B. in Ed. (Stowe Teachers College)
Field of Specialization: Education

Susan Mindy Goodman,
Brooklyn, N. Y.
B.A. (Brooklyn College)
Field of Specialization: History

Philip Marvin Greenberg,
Fair Lawn, N. J.
A.B. (Boston University)
Field of Specialization: Psychology

Lynne Ann Gregory, Shreveport, La.
B.A. (Louisiana State University and
Agricultural and Mechanical College)
Field of Specialization: Psychology

Miriam Jessie Grove, Columbus
B.A. (Juniata College)
Field of Specialization: Psychology

Natalie Diane Hahn, Polk, Nebr.
B.S. in H.E. (University of Nebraska)
Field of Specialization: Journalism

Theresa Kenny Huebner,
Mechanicsburg
B.S. Nursing (Saint Louis University)
Field of Specialization: Physical
Education

- Abiodun Ijose, Ibadan, Nigeria
B.A. (Hons.) (University of Ibadan, Nigeria)
Field of Specialization: Public Administration
- Julian Lucius Jackson, London
B.A., B. Theology (Eastern Nazarene College); B.D. (Nazarene Theological Seminary); B.S.Ed. (Ohio University)
Field of Specialization: Education
- Edmund Gale James, Caldwell
B.A., B.S. in Edu.
Field of Specialization: Education
- Renee Jameson, Columbus
B.A.
Field of Specialization: Speech
- Jay Scott Johnson, Columbus
B.A., M.A.
Field of Specialization: Journalism
- Martha Crozier Johnson, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Rosamond Barnhart Kear, Mansfield
A.B. (Findlay College)
Field of Specialization: Education
- Josette Lacombe Kilmer, Columbus
B.Educ. (University of Toledo)
Field of Specialization: Romance Languages
- Karen Alice Kluth, West Haven, Conn.
B.A. (Southern Connecticut State College)
Field of Specialization: History
- Judith Ann Knight, Springfield, Vt.
B.S.Ed. (University of Vermont)
Field of Specialization: Education
- Norman Gene Kruedelbach, Columbus
B.A.
Field of Specialization: Psychology
- Andrew Paul Kubricht, Jr., Oak Park, Ill.
B.A. (Greenville College)
Field of Specialization: History
- Mary Short Larimer, Granville
B.A. (Denison University)
Field of Specialization: Romance Languages
- Beverly Bintzer Leibach, Red Bank, N. J.
B.A. (Ohio Wesleyan University)
Field of Specialization: Romance Languages
- Francis Woodward Leslie, Spokane, Wash.
A.B. (Gonzaga University)
Field of Specialization: Sociology
- Daniel Herbert Levoff, Columbus
A.B. (University of Michigan)
Field of Specialization: Speech
- Wallis Jeanette Lundeen, Lincoln, Nebr.
B.S. in H.E. (University of Nebraska)
Field of Specialization: Journalism
- Donna Mary Maria, Cleveland
B.S. in Edu.
Field of Specialization: Education
- Penelope Lee Maza, Toledo
B.A.
Field of Specialization: Sociology
- Brendan Patrick Minogue, Brooklyn, N. Y.
B.A. (Cathedral College of the Immaculate Conception)
Field of Specialization: Philosophy
- Sandra Kay Mutters, Marion
B.S. in Edu.
Field of Specialization: Education
- Richard Joseph Neff, Bucyrus
B.A.
Field of Specialization: Romance Languages
- Betty Tite Palfy, Cleveland
B.S. (Baldwin-Wallace College); M.A. (Case Western Reserve University)
Field of Specialization: Education
- Richard Allan Parker, South Vienna
B.S. (Wittenberg University)
Field of Specialization: Music
- Susan K. Razor, Arlington, Va.
B.A.
Field of Specialization: Education
- Edward Kenneth Renshler, Columbus
B.M.E. (Capital University)
Field of Specialization: Education
- William Donald Riemer, Celina, Tex.
B.S. (United States Air Force Academy)
Field of Specialization: History
- Robert Clyde Rinehart, Jr., Grove City
B.S. in Bus. Adm.
Field of Specialization: Business Organization
- Wanda K. Shriver Ritenour, Jeffersonville
B.S. (Rio Grande College)
Field of Specialization: Education
- Kenneth Glenn Robin, San Bernardino, Calif.
B.A. (University of California)
Field of Specialization: History
- Richard Michael Sabgir, Columbus
B.A. (Miami University)
Field of Specialization: History
- Constance Alvina Schreiner, Sandusky
B.S. in Edu.
Field of Specialization: Education
- Shirley Ann Seiter, New Bloomington
B.S. in Edu.
Field of Specialization: Journalism
- Rita Diann Shaw, Columbus
B.A.
Field of Specialization: English
- Barbara Jeanne Sperry, Willowick
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Physical Education
- Joseph Putnam Sperry, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: English
- Warren Daniel Stone, Los Angeles, Calif.
B.A. (California State College at Los Angeles)
Field of Specialization: Psychology
- Marvin John Strom, Marion
B.A., B.D. (Northern Baptist Theological Seminary)
Field of Specialization: Speech
- Diane Gehl Stull, Columbus
B.S. in Edu.
Field of Specialization: Education
- Michael Hartman Swinger, Columbus
B.F.A.
Field of Specialization: Art
- Florence Susker Tager, Columbus
B.A. (Brooklyn College)
Field of Specialization: Education
- Beverly Sally Thomas, Ecorse, Mich.
B.S. in Edu. (Wayne State University)
Field of Specialization: Art
- Georgia Trakas, Cleveland
B.F.A. (Ohio University)
Field of Specialization: Education
- Lynne Nancy Trankle, Buffalo, N. Y.
B.S.Ed. (State University College of New York at Cortland)
Field of Specialization: Physical Education
- Paul Langdon Tucker, Columbus
B.S. in Edu.
Field of Specialization: Psychology

Frederick Louis Walker, Cincinnati
B.B.A. (University of Cincinnati)
Field of Specialization: Education

George Frey Walter, Columbus
B.A.
Field of Specialization: Anthropology

John Robert Ward, Magnolia
B.A. (College of Wooster)
Field of Specialization: Economics

James Jacob Weaver, Jr., Columbus
B.A.
Field of Specialization: History

Carol Miehle Werner, Northfork, Idaho
B.A. (University of the Pacific)
Field of Specialization: Psychology

Constance Marie Zizunas, Cleveland
B.S. in Edu.
Field of Specialization: Education

Master of Business Administration

Twenty-four candidates

David Wilson Boeder, Lima
B.S. in Bus. Adm.
Field of Specialization: Business Organization

James Randolph Bragg, Columbus
B.S. Bus. Ad. (West Virginia University)
Field of Specialization: Business Organization

William Joseph Burger, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Hugh Shi-Chang Chen,
Taipei, Taiwan
B.A. in Bus. Adm. (National Taiwan University)
Field of Specialization: Business Organization

Bruce Gilbert Clark, Berea
B.M.E.
Field of Specialization: Business Organization

Dennis Lee Clary, Columbus
B.A.
Field of Specialization: Business Organization

William Charles Cobb, Dayton
B.S.A.S.E. (University of Texas)
Field of Specialization: Business Organization

George Bernard Cook, Toledo
B.S. Mech. E. (Northwestern University)
Field of Specialization: Business Organization

Michael Eugene Coughlin,
Topeka, Kan.
B.S. (Saint Louis University); M.S.
Field of Specialization: Business Organization

Joseph Raymond Fischenich,
Sioux Falls, S. Dak.
B.S. in Bus. (University of Minnesota)
Field of Specialization: Business Organization

Phillip James Gardner, Worthington
B.S. in Edu.
Field of Specialization: Business Organization

Philip Elmer Hankins, London
B.A.
Field of Specialization: Business Organization

Robert Gregory Harris,
University Heights
B.S. in Bus. Adm.
Field of Specialization: Business Organization

James Martin Hines, Sherman, Tex.
A.B. (Cornell University)
Field of Specialization: Business Organization

John Sullivan Levicki, Cleveland
B.A. in Bus. Adm. (University of Notre Dame)
Field of Specialization: Business Organization

Thomas Markworth, Columbus
B.S. (Rensselaer Polytechnic Institute); J.D.
Field of Specialization: Business Organization

Glenn Frederick Pribus,
Pittsford, N. Y.
B.A. (Union College)
Field of Specialization: Business Organization

Russell Joseph Rauch, Worthington
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Kevin Thomas Regan, Columbus
B.A. (University of Notre Dame)
Field of Specialization: Business Organization

Richard Henry Seivert, Jr., Kenton
B.S. Ed. (University of North Dakota)
Field of Specialization: Business Organization

Stephen Wayne South, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Beirn Staples, Xenia
B.B.A. (Marshall University)
Field of Specialization: Business Organization

Stephen Carl Walker,
Waynesburg, Pa.
B.A. (Washington and Jefferson College)
Field of Specialization: Business Organization

Theodore Joe Wilson, Lancaster
B.S. in Edu., B.C.E.
Field of Specialization: Business Organization

Master of Music

Three candidates

Michael Henry Galloway,
Memphis, Tenn.
B.M. (Southwestern at Memphis)
Field of Specialization: Music

David Leroy Hite, Columbus
B.A.
Field of Specialization: Music

David Richard Kortier, Columbus
B.Mus.
Field of Specialization: Music

Master of Science

One hundred and eighteen candidates

Henry Marks Adelman,
Philadelphia, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Horticulture

Larry David Alkire, Ann Arbor, Mich.
B.S. (University of Kansas)
Field of Specialization: Pharmacy

Edward Hosmer Allen,
Hendersonville, N. C.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

Henrique Vianna de Amorim,
Sao Paulo, Brazil
Eng.Agr. (Escola Superior de
Agricultura Luiz de Queiroz)
Field of Specialization: Botany

Manohar Ganeshrao Arur,
Dihra Dun, India
B.E. Civil Engr. (University of
Poona)
*Field of Specialization: Geodetic
Science*

William Joseph Banish,
Detroit, Mich.
B.S. (University of Detroit)
*Field of Specialization: Computer and
Information Science*

Lloyd Thomas Bay, Carroll
B.S. in Agr.
*Field of Specialization: Agricultural
Economics and Rural Sociology*

Elvin Henry Beardslee, Dayton
B.S.Met.Engr. (Montana School of
Mines)
*Field of Specialization: Metallurgical
Engineering*

Stephen Richard Betso,
Brooklyn, N. Y.
B.S. (Saint John's University,
New York)
Field of Specialization: Chemistry

Gerald Owen Bolme, Colfax, N. Dak.
B.S. (United States Air Force
Academy)
Field of Specialization: Physics

Max Lazaro Vieira Bose,
Sao Paulo, Brazil
Eng.Agr. (Escola Superior de
Agricultura Luiz de Queiroz)
*Field of Specialization: Animal
Science*

Cynthia Joy Brokvist,
West Roxbury, Mass.
B.S. in Ed. (Framingham State
College)
*Field of Specialization: Home
Economics*

Edward Francis Brooks, Kettering
B.A.A.E.
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Kenneth Lewis Brooks, Columbus
B.M.E.
*Field of Specialization: Mechanical
Engineering*

Mary Joan Case, Rowayton, Conn.
B.S. (Saint Lawrence University)
*Field of Specialization: Computer and
Information Science*

Margaret Kay Chipley,
Pittsburgh, Pa.
B.S. (Muskingum College)
Field of Specialization: Physiology

Benjamin Choy-Moc, Lima, Peru
B.I.E. (Universidad Nacional de
Ingenieria)
*Field of Specialization: Chemical
Engineering*

Catherine Alice Colgan,
Brooklyn, N. Y.
B.A. (Saint Joseph's College for
Women)
*Field of Specialization: Nuclear
Engineering*

Carolyn Ann Cothran, Memphis, Tenn.
B.S. (Memphis State University)
*Field of Specialization: Computer and
Information Science*

Philip D'Angelo, Valley Stream, N. Y.
B.E.E.
*Field of Specialization: Electrical
Engineering*

Karen Swanson Davis, Columbus
B.S. (Iowa State University)
*Field of Specialization: Home
Economics*

Robert Gage Day, Cleveland
B.A. (Beloit College)
*Field of Specialization: Computer and
Information Science*

James Francis Dietz, Botkins
B.Ch.E.
*Field of Specialization: Chemical
Engineering*

Dana Wrensch Donaldson, Lancaster
B.S.
Field of Specialization: Genetics

Margaret Marie Duber, Delaware
B.A. (College of Steubenville)
Field of Specialization: Genetics

Kenneth Merle Dunn, Georgetown
B.A.A.E.
*Field of Specialization: Aeronautical
and Astronautical Engineering*

J. Martin Dwight, Yuma, Ariz.
B.A. (University of Washington)
*Field of Specialization: Welding
Engineering*

Victor Jonathan Ekong,
Ibadan, Nigeria
B.Sc. (University of Ibadan)
*Field of Specialization: Computer and
Information Science*

Raul Ernesto Fajardo, Lima, Peru
Quim. Ing. (National University of
Engineering)
*Field of Specialization: Chemical
Engineering*

Maynard Allen Faris, Midland
B.S.Ed. (Miami University); D.D.S.
Field of Specialization: Dentistry

John Folio, Rocky River
D.D.S. (West Virginia University)
Field of Specialization: Dentistry

Jack William Geis, Englewood
A.E. (University of Cincinnati)
Field of Specialization: Physics

Albert Richard Giambone, Dayton
B.S. (University of Dayton)
Field of Specialization: Mathematics

Carlos Gilberto Martins Guttman,
Rio de Janeiro, Brazil
Engr.Quim. (University of Brazil)
*Field of Specialization: Chemical
Engineering*

Ganesan Hariharan, Madras, India
B.Sc., M.Sc. (University of Madras)
Field of Specialization: Geology

Lloyd Martin Hedgepeth, Columbus
B.S. (North Carolina State
University at Raleigh)
*Field of Specialization: Mechanical
Engineering*

Charles Edward Hemeyer,
Livonia, Mich.
B.S. (University of Michigan)
*Field of Specialization: Industrial
Engineering*

Ronald Royce Henderson,
St. Clairsville
B.S. (United States Military
Academy)
*Field of Specialization: Nuclear
Engineering*

Joyce Nazor Herrold, Lancaster
B.A. (Ohio University); M.D.
(University of Cincinnati)
Field of Specialization: Medicine

Jay Glenn Horowitz, South Euclid
B.S. in Phys.
Field of Specialization: Physics

Edward Anthony Hura, Ravenna
B.S. (Kent State University)
Field of Specialization: Physiology

Gary Franklin Igleburger,
West Carrollton
D.D.S.
Field of Specialization: Dentistry

- Ralph Paul Jahn, Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Sudhir Narayan Jategaonkar, Bombay, India
B.E. (University of Bombay)
Field of Specialization: Electrical Engineering
- Clair Agriesti Johnson, Albuquerque, N. Mex.
B.S. in Home Ec. (Ohio Dominican College)
Field of Specialization: Preventive Medicine
- John Richard Josephson, Columbus B.S.
Field of Specialization: Mathematics
- Susan Jane Kacian, Strongsville B.A. (Baldwin-Wallace College)
Field of Specialization: Anatomy
- Donald Lee Kalmey, Louisville, Ky. B.A. (Bellarmine College); M.A. (Arizona State University)
Field of Specialization: Computer and Information Science
- Peter Dirck Keyser, Hinsdale, Ill. B.S.
Field of Specialization: Microbiology
- Steven Kirschner, Hicksville, N. Y. B.S. (City College of New York)
Field of Specialization: Chemistry
- Mary Ann Klie, St. Louis, Mo. B.A. (Fontbonne College)
Field of Specialization: Preventive Medicine
- Frances Anne Klimitas, Mullica Hill, N. J. B.S. (Drexel Institute of Technology)
Field of Specialization: Home Economics
- *Joseph Robert Kozman, Columbus
Field of Specialization: Aeronautical and Astronautical Engineering
- Jerry Thomas Lang, Minster B.A. (Miami University)
Field of Specialization: Entomology
- David William Lange, Cincinnati B.S. (University of Cincinnati); D.D.S.
Field of Specialization: Dentistry
- Mary Ann Barbara Lee, Clinton B.S. in Nur. (Saint John College of Cleveland)
Field of Specialization: Nursing
- Moo Ung Lee, Seoul, Korea
B.S. Eng. (Seoul National University)
Field of Specialization: Nuclear Engineering
- George Wood Lindenfeldar, Pittsburgh, Pa. B.S. (Juniata College); D.D.S. (University of Pittsburgh)
Field of Specialization: Dentistry
- Thomas Leslie Lindsey, Mt. Sterling B.S. in Agr.
Field of Specialization: Animal Science
- Gordon Rice Little, Arlington, Va. B.S.
Field of Specialization: Physics
- Philip Lee Long, Columbus B.E.E.
Field of Specialization: Computer and Information Science
- *Alan Frederick Martens, Parma
Field of Specialization: Physics
- Joseph Craig McClanahan, Arlington B.S. in Agr.
Field of Specialization: Agricultural Education
- Mukul Mohanlal Mehta, Bombay, India B. Chem. Eng. (University of Bombay)
Field of Specialization: Chemical Engineering
- Marilyn Jeanne Mental, Cleveland B.S. in Nurs.
Field of Specialization: Nursing
- Luis Manalang Mirasol, Jr., Quezon City, Philippines B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- Aurea S. Molina-Rodriguez, Santa Juanita, Puerto Rico B.S. (University of Puerto Rico)
Field of Specialization: Microbiology
- Milton Herman Moos, Westerville B.A. (Hofstra College)
Field of Specialization: Geology
- Christopher Nanayakkara, Diyatalawa, Ceylon B.Sc. (University of Ceylon)
Field of Specialization: Geodetic Science
- John Carl Nash, Westerville B.S. (Ohio University)
Field of Specialization: Mathematics
- R. Wayne Niles, Huntington, W. Va. B.S. in Met. (Case Western Reserve University)
Field of Specialization: Welding Engineering
- Joao Nunes Nogueira, Guaira, Sao Paulo, Brazil Agr. Eng. (Escola Superior de Agricultura Luiz de Queiroz)
Field of Specialization: Horticulture
- Julius Sterly Ogden, Grove City B.S. (Wilmington College)
Field of Specialization: Mineralogy
- Arunkumar B. Pancholi, New Delhi, India B.Sc., M.Sc. (Gujarat University)
Field of Specialization: Horticulture
- Harold Cheney Parish, Richwood B.M.E.
Field of Specialization: Mechanical Engineering
- Alice Bope Parsons, Somerset B.S.
Field of Specialization: Microbiology
- Gautam Ambalal Patel, Baroda, India B.E. (Maharaja Sayajirao University of Baroda)
Field of Specialization: Chemical Engineering
- Alex Magruder Payne, Columbus B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Mathematics
- Antionietta Rosalina da Cunha Losso Pedroso, Piracicaba, Sao Paulo, Brazil Eng. Agr. (Escola Superior de Agricultura Luiz de Queiroz)
Field of Specialization: Entomology
- Michael Perel, Baltimore, Md. B.S.E.E. (Carnegie-Mellon University)
Field of Specialization: Industrial Engineering
- William Thomas Polak, Columbus B.S.E.E. (Tri-State College)
Field of Specialization: Electrical Engineering
- * Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
* Also Bachelor of Science in Physics, College of Engineering

Rolando Jorge Pomareda,
Santiago, Chile

Field of Specialization: Mathematics

Clifford Warren Price, Columbus
B.S. Met. Engr. (Colorado School of
Mines)

*Field of Specialization: Metallurgical
Engineering*

Doris Jean Foreman Price, Columbus
B.S. in Nur. Ed. (Prairie View

Agricultural and Mechanical College)
Field of Specialization: Nursing

Karen Mae Ptak, Yankton, S. Dak.
B.S. (South Dakota State University)

*Field of Specialization: Preventive
Medicine*

Paul Alexis Rab, Dayton
B.S.

Field of Specialization: Zoology

Nick Joseph Rackoff, Youngstown
B.I.E.

*Field of Specialization: Industrial
Engineering*

Everette Duncan Rast, Worthington
B.S. For. (University of Missouri)

*Field of Specialization: Agricultural
Economics and Rural Sociology*

Kunj Behari Lal Rastogi, Delhi, India
B.Sc., M.Sc. (Agra University)

*Field of Specialization: Computer and
Information Science*

Richard Gregory Rich, Reynoldsburg
B.Elec. Eng. (Syracuse University)

*Field of Specialization: Electrical
Engineering*

Helen Wilkinson Richter,
Milledgeville, Ga.

A.B. (Georgia College at
Milledgeville)

Field of Specialization: Chemistry

Ronald Richard Riopelle, Columbus
B.S.M.E. (University of Toledo)

*Field of Specialization: Civil
Engineering*

Edith Joan Rittenbach,
Springfield, Ore.

B.S. (University of Oregon)

Field of Specialization: Pathology

Edward Orlyn Roberts, Dayton

As.E. (University of Cincinnati)

*Field of Specialization: Aeronautical
and Astronautical Engineering*

Victor Martin Rooney, West Carrollton
B.E.E. (University of Dayton)

*Field of Specialization: Electrical
Engineering*

William Clair Rowles, Willoughby
B.M.E. (Cleveland State University)

*Field of Specialization: Nuclear
Engineering*

Mark Stuart Sand, Burlington, N. J.
B.A. (University of Bridgeport)

*Field of Specialization: Computer
and Information Science*

Michael Gabriel Sarisky,
Mt. Carmel, Pa.

B.S.E.E. (Bucknell University)

*Field of Specialization: Computer
and Information Science*

Jane Ellen Seyler, Dayton

A.B. (Cornell University)

Field of Specialization: Physiology

Mohamed Yehia Abdalah Shahin,
Cairo, United Arab Republic

B.Sc. (Ain Shams University)

*Field of Specialization: Civil
Engineering*

Mustafa Siyahi, Eskisehir, Turkey
B.S. (Robert College, Turkey)

*Field of Specialization: Electrical
Engineering*

Jeffrey Joel Smith, Columbus

B.A.A.E.

*Field of Specialization: Aeronautical
and Astronautical Engineering*

*William Reinhold Sonnenberg,
Holgate

*Field of Specialization: Agricultural
Engineering*

William Decker Squires, Bellevue
D.D.S.

Field of Specialization: Dentistry

Alvin Wayne Strong, Dayton

B.E.E.

*Field of Specialization: Electrical
Engineering*

David Alan Swiger, Beckley, W. Va.

B.S. (Colorado State University)

Field of Specialization: Mathematics

Chester Ora Dietrick Thompson, III,
Zanesville

B.S.E.E. (Ohio University)

*Field of Specialization: Electrical
Engineering*

Thomas Edward Tipton,
Blacksburg, Va.

B.S.E.E. (Virginia Polytechnic
Institute)

*Field of Specialization: Nuclear
Engineering*

Daniel Lewis Tumey, Danville, Ky.

B.A. (Centre College of Kentucky);

D.M.D. (University of Kentucky

Medical Center)

Field of Specialization: Dentistry

Teresa Peter Umana,

Ikotekpen, Nigeria

B.S. in Agr.

Field of Specialization: Horticulture

Rosa Uy, Manila, Philippines

B.S. (Adamson University)

*Field of Specialization: Chemical
Engineering*

Kulakkatt S. Vijayan, Ernakulam,
Kerala, India

B.S., M.S. (University of Kerala)

Field of Specialization: Mathematics

Lester Allen Wagner, Navarre

B.E.E.

*Field of Specialization: Electrical
Engineering*

Jeanette Lucille White, Mt. Victory
B.S. in Med. Diet.

*Field of Specialization: Preventive
Medicine*

James Thomas Willard, Marysville
B.S. (Capital University)

Field of Specialization: Microbiology

Robert Allen Yano, Parma

B.M.E.

*Field of Specialization: Mechanical
Engineering*

Thomas Frederick Ziegler, Cincinnati
D.D.S.; B.A. (Miami University)

Field of Specialization: Dentistry

Master of Social Work

One candidate

Joseph Linville Pickering, Columbus
B.A. (Youngstown State University)

Field of Specialization: Social Work

* Also Bachelor of Agricultural Engineering,
College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
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: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

One hundred and forty-eight candidates

William Russell Anders,
Scottsdale, Ariz.

Bruce Edward Anderson,
Cleveland Heights

Philip Michael Angelo, Akron
Gilbert Eugene Bailey, Columbus

Larry Alan Baker, Lancaster

*James David Barton, Waynesville

John Lewis Bell, Worthington

Edward Adam Bender, Akron

Robert Eugene Bennett, Ottawa

Harry Neal Bernard, St. Louis, Mo.

Julienne B. Berwald, Columbus

Paul Vincent Beucler, Mineral City

George McConnell Black, Jr.,
Columbus

Edward Emerson Boles, Mansfield

Francis Christian Boyer, Canton

Handy David Brandenburg, Columbus

Jeremy Robinson Buck, Oberlin

David Lawrence Burke,
Shaker Heights

James Thomas Campbell,
Bellefontaine

Danny Wayne Cheeseman, Columbus

Donald Edwin Christenson, Columbus

James George Clymer, Reynoldsburg

Leon Cohan, Jr., Columbus

Robert Edward Cull, Columbus

Susan Schwartz Danziger, Cincinnati

Deborah Ruth Daugherty, Canton

Larry Dale Denlinger, Brookville

Eli Diamond, Cleveland

Robert Ralph Dietrich, New Bremen

William Charles Doyle, Wadsworth

*Nancy Fomenko Dunn, Zanesville

George Edwin Dykstra,
Shawnee Mission, Kan.

Jane Frances Earley, Eaton

Carol Ann Edmonds, Columbus

Thomas Joseph Edwards,
South Euclid

Peter Herbert Eichstaedt,
Chagrin Falls

Daniel David Elasky, Massillon

David Kinkaid Elliott, Cleveland

Karen Louise Engdahl, Columbus

Marla Ann Engel, Youngstown

Robert Lyman Ennis, Springfield

Carol Esther Feldman,
Mamaroneck, N. Y.

Richard John Fetter, Columbus

John Francis Finn, Columbus

Preston Owen Ford, Toledo

John Frederick, Jr., Westerville

Barbara Gamsu Gale, Dayton

John Nuton Gaskins, III, Somerset

Elliott Phillip Geller, Shaker Heights

James Dennis Goltz, Columbus

Mario Christopher Grant,
North Olmsted

David Harvey Griffiths, Columbus

Roger Warren Hafford, Fremont

William Frederick Hafner, Coshocton

Ann Taylor Hallblom,
Bernardsville, N. J.

Jeffrey Bruce Harris, Warren

Thomas George Hartman, Columbus

Nancy Unkenholt Heitland,
Williamsburg

Michael William Hogan, Toledo

Linda Honeycutt, Lyndhurst

Paul Eric Hooge, Columbus

Thomas Leslie Horvath, Columbus

Janice Marie Houry, Willowick

James Frederick Hunt, Shelby

Michael Phillip Japack, Cleveland

Charles Edwin Jennings, III,
Youngstown

Marjie M. Johnston, Columbus

Michele Janet Kahan,
Old Saybrook, Conn.

Thomas Joe Keener, Ashland

Bruce Clifton Kelley, Columbus

Harry Floyd Kempke, Columbus

Richard Gary Kisker, Grove City

Heidi Barbara Knemeyer,
Yellow Springs

Barbara Lynn Kohn, Cleveland

James Lee Kollenberg, Cincinnati

Richard Louis Lambert, Middletown

Sergius Lashutka, Cleveland

Edward Lawrence Lavelle,
North Olmsted

Jerry Lee Law, Hamilton

Ethel-Marie D'Luzansky LeVasseur,
Columbus

Alan Murray Leven, Glenshaw, Pa.

Jean Emery Lindley, Worthington

Mary Ling, Evanston, Ill.

John Glenn Linville,
Schenectady, N. Y.

James Richard Lockwood,
Wapakoneta

Sheryl Joyce Lowenthal,
Lexington, Ky.

Arleigh Elizabeth Luckett,
Dobbs Ferry, N. Y.

James Merle Macklin, Delaware

Morgan Rees Marsh, Columbus

Christopher Reed Masse, Columbus

Agnes Marie Matusek, St. Clairsville

Timothy Craig McCann, Dayton

Albert Edward McCartney,
Edison, N. J.

James Martin McClure, Akron

Thomas Craig McNinch, Trotwood

Wayne Edward Mehl, Columbus

James Arthur Metnes, Cleveland

David Arthur Moody, Westlake

Terrence James Morse, Columbus

Diane Elizabeth Neal, Columbus

Norman Bruce Nesbitt, Medina

Alice Armstrong Nice, Newark

Lawrence A. Pearce, Jr.,
Matawan, N. J.

Winnie Jo Pickering, Russells Point

Martha Bellavek Pierce, Oberlin

Charlotte Cushman Putt, Euclid

Deborah Ann Quick, Springfield

Roger Dean Rhodes, Mt. Vernon

Gary Thomas Ringler, Columbus

Susan Elizabeth Rosel, Columbus

Hilary Anne Rowlands,
Toronto, Ont., Canada

Peter Forsythe Saddington, Solon

Nancy Sue Salva, Cleveland

Vincent Anthony Sanzone, Cincinnati

Ann Louise Schlee, Castalia

Thomas Clark Schneider, Gahanna

Arden Lee Scholes, Columbus

Betty Brower Schopmeyer,
Edgewater, Md.

Maxine Elyse Schwartz,
Casselberry, Fla.

Michael Allen Shifrin, South Euclid

Barbara Lou Shigley, Marion

Nancy Sue Shoup, Germantown

* Also Bachelor of Science in Education,
College of Education

Harvey Lawrence Shubert,
Cleveland Heights
Stephen Lewis Slagle, Worthington
Christie Cameron Smith, Worthington
Frank Michael Smith, Akron
Gary Carl Smith, Urbana
Jeffery Wayne Stafford, Mansfield
June Stansbury, Reno, Nev.
Francis Thomas Stofa, Columbus
Emily Ann Stonkey, Hillsdale, N. J.
Robert Leighton Strong, II,
Strongsville
Richard Alan Thompson, Columbus
Jane Gilbert Tremba, Wadsworth
Stephen Lee Trumbo, Columbus
Virginia Lee Unwin, North Olmsted
Judith Elizabeth vonMaur, Columbus
Roger Vaughn von Oech, Columbus
Linda Sue Wadley, Columbus
David Wald, New York, N. Y.
Sharon Rae Watkins, Columbus
Bruce Dawson Weinlander,
Springfield
Charles Eugene West, Coshocton
Robert Stephen Southam White,
Columbus
Barbara Ann Williams, Potomac, Md.
Terry H. Wilson, New London
William Henry Wright, Columbus
Judith Anne Young, Youngstown

Bachelor of Science

One hundred and three candidates

Sara Ellen Anderson, Reynoldsburg
Frank Maxwell Andrews, Kettering
Robert Raymond Arter, Millersport
James Donald Ashton, Fairborn
James Eugene Aufderhaar, St. Marys
Kenneth Joseph Babon, Parma
Jay Emerson Bailey, Delaware
Robert James Beck, McComb
Dennis Lee Brindley, Lindsey
John Quincy Brown, Jr., Columbus
Dennis Lee Bucher, Mansfield
David William Busch, Marion
Everett Lee Chapman, Columbus
Robert Louis Chupick, Ashtabula
Ronald Leslie Clowson, Columbus
William Edward Clutter, Mason
Phillip Frederick Cox, II, Toledo
John Mario Cuffari, Cleveland
John Michael Davis, Columbus
Richard Alan Dolin, Columbus
Bruce Wayman Domineck, Middletown
Stephen Dudley Etter, Rockville, Md.

Richard Charles Fischer, Tallmadge
Dennis Eugene Freer, Dayton
Gary Ronald French, Addison
Gary Lee Frisbee, Mansfield
Jimmie David Fuhrer, Tiffin
William Allen Gardner, Columbus
John Michael Gnau, Springfield
Gregory Alan Green, Dayton
Allen Dale Griffiths,
Washington C. H.
Michael Kevin Haninger, Gahanna
Glenn Wayne Hartzell, Columbus
Susan Veronica Hasse, Heath
Mary Shearer Hatheway, Columbus
Ronnee Zoe Hawkins,
St. Petersburg, Fla.
Robert William Hayes, Waynesville
Robert Floyd Heineman, Toledo
Gary Dean Held, Lima
Sue Ruth Hofer, Homeworth
Kenneth Stephen Homan, Columbus
John Clark Hosier, Lakewood
Willa Ann Hsueh, Columbus
Barbara Kay Huntley,
Wellsburg, W. Va.
James Leland Hurst, Troy
Patricia Anne Hyatt, Warren, Pa.
Charles William Imboden,
Wesleyville, Pa.
Timothy Vaughn Johns, Columbus
Terry Alan Johnson, Columbus
Alton Franklin Jones, Brooklyn, N. Y.
Donald Jacob Jost, Cleveland
Marilyn Jean Keiser, Lorain
Ricke Wayne Kepner, Lima
Pauline Williamson Kossow, Deshler
Richard Andrew Kovach, Mentor
Jane Karen Kratzer, Pittsburgh, Pa.
Frederick Daniel Krull, Columbus
Dale Marion Lewis, Emporium, Pa.
Jerry Boyd Lisiecki, Orwell
Robert Earl Mandrell, Canton
Gary Robert Marshall, Loveland
Bruce Frederick Mason, Columbus
David John Massa, Mansfield
John Michael McKinley, Bucyrus
Edward Howard Meclovsky, Cleveland
Robert Henry Miller, Jr., Huron
Donna McClure Neptune, Columbus
Ralph Frank O'Bleness, Jr., Columbus
John William Oldfather, Columbus
Harry Bartholomew Pearce,
Brecksville
Margaret Singer Peery,
Prescott, Ariz.
Gary Louis Peltier, Sidney
Arnold Plonski, Cleveland
Richard Henry Polsky,
Cherry Hill, N. J.

Richard William Precek, Shadyside
Thomas Burton Ray, Cleveland
Kenneth Benjamin Reber, Columbus
Jimmy Ranau Rickard, Bellbrook
Paul Myron Rosenthal, Hicksville
Eric Christian Schlanser, Cincinnati
Ronald Robert Seward, Circleville
Joanne Catherine Shimko,
Rocky River
Amy Lynne Shrader, Waverly
Stanley Bruce Silverman, Cleveland
Lila May Smith, Alexandria, Va.
William James Smith, Findlay
Sharyn Smith Stevers, Columbus
Larry Rodger Stratton, Salem
William Lee Stuckey, Dayton
Sue Ann Summerville, Akron
Scott Harlie Swarner, Willard
Jeffrey Michael Sylvester, Columbus
Richard Wayne Tabor,
Crossville, Tenn.
John Frederick Thomas, Waverly
Stephen Richard Tokar, Cleveland
James Elton Tweddle, Georgetown
Maris Vistins, Cleveland
Conrad Wilhelm Vogelsang,
St. Clairsville
Richard Frank Walker, Jr., Dayton
Virginia Ruth Walter, Columbus
Verna Teresa Weinstock, Vincent
William George Wright, Columbus
Richard Reamer Yeoman, Caledonia

College of The Arts

Dean: Lee Rigsby

Bachelor of Fine Arts

Twenty-two candidates

Edward Harold Aufderheide,
Columbus
Mary Elizabeth Bowerman, Columbus
Betty Hebden Collings, Columbus
Michael Edward Cracraft,
Reynoldsburg
Lynn Baker Crump, Painesville
David Bruce Davies, Canton
Mary Ann Peterson Dewald,
Columbus
Ann Rush Edelberg, Nashville, Tenn.
Maria-Francesca Patricia Fleming,
Findlay
Chester Elroy Gallant, Columbus
James Michael Huffer, Lima
Richard Norton Kieselbach, Kent
Ralph Neal Kirchner, Euclid
Phyllis Beryl Malmaud,
Philadelphia, Pa.
Maureen Patricia McKeever,
Ellington, Conn.
James Clark Nichols, Mentor
Phyllis Elizabeth Norman, Columbus
Lauren Patricia Salomon,
Miami Beach, Fla.
Nancy Jean Seitz, North Olmsted
Sharon Ingalls Shonk, Dayton
Sharon Carter Siegfried, Columbus
Paul Dennis Szabados, Columbus

Bachelor of Music

Two candidates

Joyce Kathleen Gordon, Columbus
Undine Jean Howell, Columbus

College of Social and Behavioral Sciences

Dean: Paul C. Craig

Bachelor of Arts in Journalism

Nine candidates

Kay Ellen Burtscher, Beach City
Michael Lee Drake, Portsmouth
Paul Wilkinson Eastman, Jr.,
Cincinnati
Roberta Teresa Gerstein,
North Miami, Fla.
Marvin Elliot Handler, Chicago, Ill.
Brian James Patterson, Cleveland
Michael Paul Spaite, Cincinnati
Edgar Jean Thornton, Chicago, Ill.
Joseph Lawrence Wagner, Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and nineteen candidates

Thomas Frederick Abbott, Westerville
David Randolph Albrecht, Columbus
Charles Lee Allensworth, Amsterdam
William James Anderson,
Buffalo, N. Y.
Barry Edward Backner,
Binghamton, N. Y.
Gerald Howard Ballan, Columbus
John Cresap Beam, Columbus
Leonard LeRoy Benson, Marion
William Wray Bevens, Waverly
Stephen Gates Biegel, Englewood
John Keith Bitler, Canal Winchester
Dennis Morgan Brown, Fairborn
Ralph Richard Brown, Columbus
Terrence LeRoy Butler, Centerville
John Edward Byrum, Columbus
Henry Albert Conti, Endicott, N. Y.
Peter Trowbridge Cooper,
Chattanooga, Tenn.
Robert Charles Crawford,
Stellarton, N.S., Canada
Joseph Melvin Davis,
University Heights
Edward Joseph Dean, Parma
John Keith Desterhaft, Mansfield
James K Dietz, Huntsburg
James Barry Drass, Detroit, Mich.
Michael Joseph Duber, Cleveland
John Michael Emerick, Columbus
David Wayne Ennis, Columbus
Lee Howard Firlik, Cleveland
Timothy Robert Flynn, Mentor
Michael John Frank, Lorain
Donald Richard Fretz, Akron
Robert Lynn Gerhardt, Mt. Gilead
Michael Anthony Giannantonio,
Lyndhurst
Milton Gregg Gimlin, Worthington
Deborah Sara Goldsmith,
University Heights
Robert Lee Grooms, Grove City
Ronald Craig Grundstein, Columbus
Paul Bernard Harbor,
Fairport Harbor
Thomas Edwin Harmon, Zanesville
Donald Lee Hawk, Ashland
Patricia Murphy Henley, Columbus
Robert Linn Hiatt, Columbus
Willard Gerald Hill, II, Marysville
John Charles Holcomb, Columbus
William Dennison Holschuh,
Lancaster
Douglas Eivind Hoover, Worthington

Charles William Hostenske,
Reynoldsburg
Dennis Xavier Huelsman,
Worthington
James Michael Jewett, Columbus
Michael Stephen Kahler, Orient
William Patterson Kamen, Mansfield
Gerald Karlak, Parkman
Thomas Miller Kelsey, Columbus
Herbert William Kierspel, Columbus
Burton Charles Krieger, Dayton
John Anthony Latch, Euclid
John Charles Laurila, Conneaut
Ronald David Lehmann, Lima
James William Leinberger, Cincinnati
John Russell MacDowell, Jr.,
Columbus
Donald Lee Maglott, Mansfield
Judith Lynne Manley, Columbus
John Edward Mansuy, Lycoming, Pa.
John Francis Martin, Columbus
Susan Ann Maurer, Cridersville
Kenneth Peter Maykowski,
Garfield Heights
Stephen Alan McClelland, Wooster
Lee Alfred McDermott, Norwell, Mass.
Gregory Brian McGath, Grove City
Patrick James McMahon, Mansfield
Richard Clay Moore, Creve Coeur, Mo.
Bruce Alyn Munger, Sylvania
John Charles Mustaine, Columbus
Gary Alan Nathans, Columbus
Jefferie Harmon Neibler, Columbus
Michael Harold Norris, Orient
Lawrence Byron Olsen, Columbus
Wayne Edward Page, New Vienna
Gary Lee Parrett, Grove City
Ronald Douglas Pennington,
Scottsburg, Ind.
Scott Jacob Porter, East Liverpool
Philip Hanger Powers,
Northbrook, Ill.
Kenneth Joseph Praser,
Naperville, Ill.
Gary Lynn Puckett, Columbus
Craig Richard Riber, Wadsworth
Rodney Ralph Richards, Columbus
Michael James Riesterer, Sandusky
Nicholas George Roman, Canton
Barry Lee Rosenblatt, Cleveland
Nathan Roth, Cleveland
Donald Wesley Russell, Jr.,
Worthington
Richard Edwin Salvage, Coshocton
James Daniel Salvatore, Columbus
Dennis Ray Samic, Wadsworth
Aaron Jones Schopfer, Columbus, B.S.
Philip Joseph Sciortino, Canton
Edward Daniel Seggerson, Lima

Steven Lynn Sellers, Grove City
Anne Overacker Simison, Marysville
John Michael Snyder, Newark
John Jacob Sobolewski, Steubenville
Jerald Lynn Starkey, Minerva
Robert Edwin Stimpert, Ashland
Philip Kent Stockstill, Dayton
Edwin Chester Sullivan, Dayton
Craig Ranald Summers, South Euclid
Fergus Andre Theibert, Jr., Columbus
Richard Thomas Thornton, Newark
Richard Alan Totterdale, Bridgeport
Harry VonBusch, Jr., Kearny, N. J.
Samuel Robert Watson, Salem
Thomas Dewey Weeda, Columbus
Bette Carol Weiss, Canton
Rodger Lee Whaley, Washington C. H.
Christopher Gunnar Widing,
Pittsburgh, Pa.
John David Wilson, Heath
Dennis Dale Workman, Columbus
Jeffrey Allen Zelvy, Shaker Heights
Paul John Ziats, Brook Park
Bolko Guenther Zimmer, Worthington

School of Social Work

Bachelor of Science in Social Welfare

Twenty-four candidates

Jean Ann Barnett, Worthington
Steven Stuart Bovia, Sandusky
Cheri Diane Brooks, Columbus
Marilou Chacey, Worthington
Myrna Jacqueline Costigan,
St. Paul, Minn.
Paul Benson Eberts, Columbus
Katherine Ann Groeber, Springfield
Janet Claire Harrison, Alliance
Mary Elizabeth Holden, Columbus
Gwen Laura Katz, Cincinnati
Roger Eugene Kenton, Naples, Fla.
James Charles Kuhel, Euclid
Diana Lee Lake, Galion
Marsha Jean Margolies, Canton
John Albert Mutchler, Genoa
Catherine Sue Pearce, Columbus
Karl H. Peters, Union
Susan Eileen Podlish, Toledo
Neal Phillip Reed, Columbus
Brian Richard Somers,
Cleveland Heights
Fully Raymond Spain, Warren
James Philip Stahl, Fremont
Ronald Ray Strine, Mansfield
Joan Carol Zurcher, Columbus

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Fifty candidates

Wayne Carl Baker, Greenville
Daniel Keith Barcroft, Mansfield
James Schulz Baskey, Kirtland
Robert Leo Brinkman, Cloverdale
Marvin LeRoy Cheadle,
Canal Winchester
Keith Eugene Colwell, Defiance
Lloyd Edmund Crabbe, Carrollton
Robert Frank Dawson, Plymouth
Thomas Alan Dawson,
Mingo Junction

Jack Edwin Denney, Columbus
Jac Thomas Dill, Lockbourne
Robert Michael Elliott, Columbus
Ronald Joe Ford, Lancaster
Thomas Dean Freed, Findlay
Robert Anthony Fritz, Maumee,
D.V.M.

Ronald Lee Fuller, Freeport
Donald Eugene Gehret, Bucyrus
William Edward Greenawald, Wooster
Errol Dean Hackett, Apple Creek
David John Heinson, Bayside, N. Y.
Robert William Hermiller, Jr.,
Leipsic

Alan Howard Hirt, Strongsville
Daniel Lee Hothem, Coshocton
Michael Edward Huntzinger,
Perrysburg
Michael Terry Jones, Worthington
Priscilla Ann Knaus, Worthington
Thomas William Laut, Middletown
Patricia Lynne Magee, Carroll
George Arthur Martin, Bloomingdale
Gary Lee Michael, Minersville
Rojer Wilson Moody, Groveport
Gary Richard Moore, Mt. Vernon
Shakespeare Mshonga,
Glendale, Rhodesia

Stanley Paul Myers,
New Philadelphia
Gene Edward Nagel, Defiance
Evelyn Marie Neumann,
Buffalo, N. Y.

Stephen Roger Nixon, Lebanon
Daniel Lee Ochs, Lancaster
John Thomas Pope, Patriot
Jeffrey Ray Reinhard,
Canal Winchester

Jerry Lee Ricciardo, Newark
William Alexander Roberts,
Garrettsville

Thomas James Rodak, LaGrange
John Charles Rosenberger,
Mt. Blanchard

Herbert Thomas Schroeder, Andover

Charles Alan Sharpe, Waterville
William Brenner Simon, Centerville
Daniel Robert Stollard, Willoughby
Greg Bernard Stroh, St. Marys
Terry Carl Strohenger,
Fairview Park

Bachelor of Science in Food Technology

One candidate

Keith Vincent Rohrbach, Plain City

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

One candidate

Thomas Marshall Hill, Cambridge

School of Home Economics

Bachelor of Science in Home Economics

Twenty-eight candidates

Sarah Ellen Barbee, Columbus
Anita Raye Bird, Columbus
Marilyn Boyd Buchwalter, Columbus
Anne Richards Clark, Columbus
Cynthia Hartley Cochran, Columbus
Christine Ann D'Avello, Akron
Kathleen Mary Donoghue, Cincinnati
Mary Elizabeth Ellifritz, Columbus
Sharon Love Friscoe, Columbus
Joyce Elaine Graber, Marshallville
Mary Sue Hamilton, Batavia
Marilyn Dredge Hellinger, Springfield
Michael Prather Herrin, Columbus
Mary JoAnn Horn, Columbus
Ottolee Ruth Knollinger, Jacobsburg
Emily Berndt Lavigna, Portsmouth
Carol Marie Lehman, West Liberty
Karen Diane Long, Columbus
Connie Gayle Martin, Wintersville
Karen Phillips Moffitt, Mt. Victory
Jacquelyn Marie Neumeyer, Medina
Dorothy Tanner Ort, Canfield
Judith Williams Roush, Wilmington
Judy Allyn Rubin, Columbus
Linda Jean Sharpless, Shelby
Donna Johnson Watts, Columbus
Janice Faulkner Williams, Columbus
Helen Joan Wingfield, Milford Center

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Two hundred and twenty-nine candidates

Patricia Sue Adelsberger, Marysville
Mary Christina Aukeman,
South Vienna
Clyde Lewis Baker, Frederick, Md.
Michael Edward Baker, Columbus
Mary Eve Barrett, Columbus
*James David Barton, Waynesville
James Emmitt Bauer, Columbus
Mary Phelps Baxter, Columbus
Roberta Fay Becker, Columbus
Linda Rollins Bednar, Springfield
Sandra Eileen Benson, Strongsville
Michael Edward Berquist, Massillon
Carole Paris Bickel, Massillon
Patricia Scroggins Biegel, Cincinnati
Eddie Arnold Boggs, Mansfield
Jennifer Cannizzaro Bolen, Newark
Marilyn Seidel Bonner, Columbus
Elliot Alan Boxerbaum, South Euclid
Sherry Lee Broad, Pittsburgh, Pa.
Amelia McDonald Brookes,
East Liverpool
Robert John Burge, Marengo
Dennis Marion Burkey, Columbus
Diana Lynn Burns, Mansfield
Christine Elizabeth Cameron, Marion
Daniel Alan Campbell, Mansfield
Maxine Andrea Canter, Passaic, N. J.
Ross Smith Carlson, Jr., Columbus
Laura Jeanne Chamalian, Mansfield
Mary Laughlin Chapman, Columbus
Phyllis Schear Charme, Columbus
Carol Kazee Christman, Columbus,
B.F.A.
Jane Kay Clemans, London
Lois Wedberg Clodfelter, Worthington
Ellen Harrison Cobb,
Miami Beach, Fla.
Melanie Hene Cohen, Bangor, Me.
Janet Elaine Conrad,
Broadview Heights
Mary Jo Crawford, Columbus
William Lee Curlis, Columbus
Ora Lee Dade, Columbus
Martha Helen Danylewycz, Parma
Paul Joseph Dattilo, Columbus
Linda Hamilton Davidson, Columbus
Gary George Diller, Columbus
*Nancy Fomenko Dunn, Zanesville
Linda Sue Dysart, Akron
Lois Elaine Echols, Columbus
John Bartnik Edwards, Cleveland
Jerry Alan Eichenberger, Columbus

Ursula Bezen Eisenstein,
North Olmsted
Karen Jane Emmons, Columbus
Patricia Marie Favata,
Schenectady, N. Y.
Alana Callender Ferguson, Edgerton
Evelyn Bernice Finch, Grove City
James Alan Fireovid, Bryan
Mary Carwell Fletcher, Avon Lake
Brienne Chapman Foerschner,
North East, Pa.
Linda Kay Forsythe, Waynesville
Sue Anne Foster, Conesville
William Gray Foster, Kettering
Max Alan Fout, Columbus
Mary Jane Puglisi Fowler, Columbus
Michael Lee Freytag, Massillon
Marlene Friedrick, University Heights
Karen Ann George, Parma
Kenneth Jay Gerhardt, Mt. Gilead
Gilbert Manning Gibb, Morral
Judith Myra Glick, Elizabeth, N. J.
Beverly Susan Goodsitt,
Shaker Heights
Howard Leslie Gratz, Loudonville
Marjorie Virginia Green, McDonald
Jean Elaine Gress, Trotwood
William Edward Harlor, Columbus
Meridith Brooks Harper, Fairborn
Nancy Ellen Harris, Shaker Heights
Claire Ellen Harvey, Grafton
Joseph Burl Harvey, Mansfield
Ruth Ann Heins, Cincinnati
Deborah Jane Herbert, Good Hope
Marsha Jo Hershman,
University Heights
Peggy Louise Holt, Columbus
Mary Jane Horstman, Cloverdale
Leslie Irene Howe, Columbus
Marsha Ann Huffman, Columbus
Laura West Hunter, Columbus
Deana Heine Jacoby, Columbus
Melinda Rish Jeffers, Kenton
Joanne Elizabeth Jocha, Mansfield
John Ralston Johanssen, Toledo
George Richard Johnson, Jr.,
Columbus
Gloria Jean Johnson, Cleveland
Joyce Wolfe Johnson, Columbus
Bruce William Jones, Marengo
Cheryl Bainter Jones, Columbus
Peter Clinton Jones, Columbus
Marlea Jo Guthrie Jordan, Columbus
Mary Kathryn Jury, Columbus
Sharon Ann Kellum, Cincinnati
Larry Samuel Kincaid, Columbus
John Francis Kirby, Cleveland
Carol Anne Kirwan, Canfield
Pamela Stile Klynn, Akron

Sandra Lee Krenek, Columbus
Cynthia Schwartz Krepcho, Clifton
Katharine C. Kruse, Columbus
Dianne Basile Lamb, Parma
Karen Bosold Landis, Columbus
Susan Lane, Galena
Richard Norman Lansang,
Little York, N. Y.
Eric Allen Lehman, Celina
Carol Sue Leonelli, Youngstown
Joyce Marie Lepisto, Fairport Harbor
Betty Ann Lisle, Norwalk
David Leroy Litterst, Willoughby
Cynthia Pfeifer Mackay, Worthington
Susan Davis Maczka, Cleveland
Stephanie Marie Malin, Columbus
Mary Louise Mannion, Tipp City
Frank Norman Marlor, Columbus
Phylis Jean McCort, Akron
Richard M. McGhee, Jr., Leroy
Naomi Kathleen McQuilkin, Columbus
Suellen Stange McQuiniff, Columbus
Beatrice Judith Meers, Columbus
Edith Caroline Miller, Lima
Jacqueline Sue Miller, Cuyahoga Falls
Shirley Dianne Miller, Columbus
Jerry Wayne Mooney, Mansfield
Grace Blain Mussard, Delaware
Pamela Ann Nichols, Columbus
Carol Marley Noser, Ashland
Nikki Scott Nwosu, Dayton
Karen Rae O'Malley, Brooklyn
Gregory Michael Ondrake,
South Euclid
Mary Alice O'Neil, Columbus
Rosemary Westcott Pearson,
North Kingsville
Delaura Kae Peaslee, Crestline
Donna Jean Pfersick,
Washington C. H.
Julianne Phillips, London
Marilyn Ann Piepho, Cincinnati
Mary Ellen Dorff Powers, Columbus
Polly Jane Price, Kettering
Larry Charles Prueter, Lima
David Edwin Randall, Mansfield
Arden Manley Reid, II, Columbus
Ellen Barbara Reider, South Euclid
Marcia Elaine Reisman, Youngstown
Donald Charles Renner, Newark
JoAnn Taylor Renner, Cambridge
James Thomas Rice, Zanesville
Marjorie Lynn Richmond,
South Euclid
Bonni Lynn Rickey, Circleville
Linda Rhoads Rinehart, Hudson
Lynn Gail Rocker, Elizabeth, N. J.

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

College of Engineering

Dean: Harold A. Bolz

Carolyn Rodak, LaGrange
Sandra Jean Rogers, Columbus
James Thomas Roman, North Canton
Joseph Patrick Rose, Newark
Gwendolyn Lynell Rospierski, Parma
Lisa Christine Ross, Lima
Claudia Sue Sackett, Tallmadge
Susan Kay Sassano, Chappaqua, N. Y.
Nancy J. Savada, Harrison, N. Y.
Mary Elizabeth Sawyer,
East Cleveland
Ahron Zvi Schneider,
Cleveland Heights
Marsha Gunder Schneider, Circleville
Douglas Earl Schoephoerster,
Columbus
Eileen Dye Scott, Columbus
Carol Ann Scurlock, Dayton
June Marie Seaman, Columbus
James Joseph Sebastian, Warren
Teresa Elaine Segrist, Swanton
Linda Shapiro Semple, Reynoldsburg
B.S. (Ohio University)
Beverly Jane Sharkey,
North Royalton
Beth Louise Sharrock, Mansfield
Richard Hugh Sherrick, Lima
Carol Jo Sherwood, Avon Lake
Joseph Edward Shiner, Defiance
Marilyn Sue Shisler, Columbus
Stamatia K. Simakis, Lakewood
Susan Elaine Skolnik, Shaker Heights
B.A.
Chrys Matterson Slaughter, Columbus
B.A. (University of New
Hampshire)
Ignatius John Michael Slegeski,
Camp Hill, Pa.
Diane Lynn Sliter, Fairview Park
Ellen Lucretia Smith, Lima
Susan James Smith, Tallmadge
Teresa Lynn Smith, Columbus
Theresa Ann Smith, Canfield
Patricia Lynne Snyder, Galion
Sharon Sue Solomon, Cleveland
Christine Anne Sopp, Worthington
Carol Winifred Spotts, Wooster
Robert Ray Stamper, Mt. Vernon
Kathleen Elisabeth Stevens, Berea
Carol Marie Stiles, Columbus
Jo Ann Cramer Stillings, Richwood
Sharon Ann Stout, West Liberty
Roberta Jeanne Strang, Loudonville
Judith Carol Sweney,
West Alexandria
Olga Tataryn, Parma
Donna Marie Taylor, Galion
Ann Miller Taylor, Columbus
Carolyn Joy Tenney, South Euclid

Kathryn Ida Thielen, Cincinnati
Charles Martin Thomas, Dublin
Mitchel Irvin Thompson, Mansfield
Dorothy Alice Thorpe, Wapakoneta
Elizabeth Uhl Thurston, Mansfield
Charles Carter Traister, Columbus
Jean Ann Van Harlingen, Kettering
Mary Ann Vaughan, Bucyrus
Nancy Lynne Wachs,
Cleveland Heights
David Michael Wagner, Columbus
Linda Hilvers Wagner, Fort Jennings
Carrie Ressler Walker, Columbus
Thomas Edward Warren, Cleveland
Victoria Sue Warren, Columbus
Roberta Gianvito Watson, Columbus
Sandy Ellen Weber, Clifton, N. J.
Geoffrey Everett Webster,
New Carlisle
Redge Arthur Wilde, Bay Village
Jane Ann Williams, Wilmington
Roger Craig Wolowic, Columbus
Jack Wood, Jr., Amarillo, Tex.
Martha Laine Wood, Cincinnati
Diane McKean Wootton, Crestline
Thomas Graham Yaretts, Ashtabula
Linda Rhoades Zelazny, Euclid
Nancy Leona Zipf, Columbus
Michael Charles Zorich, II,
Reynoldsburg

Bachelor of Aeronautical and Astronautical Engineering

Four candidates

William Alan Boyd, Mowrystown
Gordon Mac Campbell, Columbus
Donald Andrew Hayes, Columbus
*Joseph Robert Kozman, Columbus

Bachelor of Science in Aeronautical and Astronautical Engineering

Ten candidates

Barry Lewis Berke, Long Beach, Calif.
Stephen Iliff Brummet, Berea
Scott Murray Byers, Cleveland
John Allen Gaudio,
Middleburg Heights
Walter George Kayser, Jr.,
Williamsville, N. Y.
William Frank Kearns, Columbus
Robert Carey Prior, Columbus
Franklin Bertrum Reams, Zanesfield
Donald Louis Russell, Marion
Daniel Edward Woerner, Geneva

Bachelor of Agricultural Engineering

One candidate

*William Reinhold Sonnenberg,
Holgate

Bachelor of Science in Agricultural Engineering

Six candidates

Arthur Morris Brate, Hamilton
Richard Lloyd Fegley, Ohio City
David Joe Miley, Greenville
William Ray Peak, Marion
Stephen Charles Schlotterbeck,
Lewisburg
Michael Dean Vanasdale, Shelby

Bachelor of Science in Ceramic Engineering

One candidate

Carl Frederick Barchfeld, Jr.,
Fairview Park

* Also Master of Science, Graduate School

Bachelor of Chemical Engineering

One candidate

Doyle Richard Painter, Jr., Circleville

Bachelor of Civil Engineering

Six candidates

James Robert Cramer, Oregon
 Farivar Gharabaghi, Tehran, Iran
 Stanley Edwin Johnson,
 Canal Winchester
 Ronald Lewis Laughery, Ashland
 Terry Lee Ricer, Beallsville
 David Richard Sandberg,
 New Lebanon

Bachelor of Science in Civil Engineering

Six candidates

Kenneth Russell Davis, Jr., Lancaster
 Raymond Darrell Henderson,
 New Philadelphia
 Robert Charles Karfiol,
 New York, N. Y.
 David John Kozman, Columbus
 Frank Anthony Mamone, Cleveland
 Charles Cameron Wooster, Columbus

Bachelor of Science in Computer and Information Science

Six candidates

Donald Edward Ferguson, Columbus
 Bruce Warren Firebaugh, Wooster
 Joel Thomas King, Mansfield
 Steven Frederick Kopas, Port William
 Lawrence Havens Smith, II, Oregon
 Timothy Michael Stock, North Canton

Bachelor of Electrical Engineering

Six candidates

John Robert Beachman, Nelsonville
 Gerald Michael Gardrvits, Perrysburg
 Gary Dean Nicholson, Mt. Sterling
 Joseph Raymond Pottebaum,
 Middletown
 Larry Charles Vermillion, Marion
 Forest Michael Zahirsky, Ravenna

Bachelor of Science in Electrical Engineering

Four candidates

Gregory Paul Barnett, Rocky River
 William Scott Gallagher, Cleveland
 Robert Henry Gast, Jr., Columbus
 Jerry Wayne Zimmer, Columbus

Bachelor of Industrial Engineering

Three candidates

David Slater Dernberger, Hebron
 Charles Sidel Mitchell, Jr., Canton
 Steven Robeano, Columbus

Bachelor of Science in Industrial Engineering

Fifteen candidates

Larry Lynn Burkholder, Marion
 Robert Frayne Caldwell, Columbus
 John Allen Clutter, Mt. Vernon
 James Leonard Getz, Worthington
 Robert William Haynes,
 Woodlawn, Tenn.
 William Lewis James, Columbus
 Walter Kaufmann, Cleveland
 Norman Eugene Landes, Napoleon
 Richard Winton Loth, Westlake
 Charles George Melchiori, Lafferty
 Kenneth Edwin Potts, Columbus
 Fredric Lee Reed, Dillonvale
 Marvin Lynn Rhoades, Englewood
 Gary Stewart Roush, Springfield
 Richard John Verhotz, Euclid

Bachelor of Mechanical Engineering

Three candidates

James Edward Dennison, LaRue
 Ali Asghar Monibi, Tehran, Iran
 William Ives Ridle, Pitman, N. J.

Bachelor of Science in Mechanical Engineering

Eighteen candidates

John Russell Bishop, Zanesville
 Errol Francis Borgelt, Crestline
 Robert Michael Colangelo, Mansfield
 Thomas Charles Cooper, St. Marys
 Matthew Kestutis Cyvas, Cleveland

Carl William Dierksheide, Wayne
 Ronald Marshall Gilbert, Mt. Vernon
 Jack Wilbur Knost, New Bremen
 Frank Edward Lux, Canton
 Michael Louis Moeller, Lebanon
 Steven Jay Moore, Shelby
 Raymond Albert Nevi, Youngstown
 Robert Edward Shepard, Haskins
 John Charles Stoops, Waterford
 Glenn Louis Ungerer, Mansfield
 George Bernard Ward, Norwalk
 John Harr Welch, Cleveland
 David Hoyt Young, Springfield

Bachelor of Metallurgical Engineering

One candidate

Edwin Pawlicki, Delta

Bachelor of Science in Physics

One candidate

*Alan Frederick Martens, Parma

Bachelor of Science in Engineering Physics

One candidate

Richard Allan Bettis, Portsmouth

School of Architecture**Bachelor of Science in Architecture**

One candidate

Bradley John Heinzen, Akron

* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meifing

School of Allied Medical Professions

Bachelor of Science in Medical Illustration

One candidate

Georgianna Schrader,
Eagle River, Wis.

Bachelor of Science in Medical Technology

One candidate

Anita Iley Dean, Westerville

Bachelor of Science in Occupational Therapy

Two candidates

Geraldine Schillig McGirr, Alliance
Teresa Ann Podoske, Logan

Certificate of Nurse Anesthetist

Four candidates

Barbara Ann Bennett, Portsmouth
Thomas George McLean, Springfield
Charlotte Elaine Ross, Troy
Judy Lee Whetsell, McMechen, W. Va.

School of Nursing

Bachelor of Science in Nursing

Twenty-four candidates

Stephanie Jane Banks, Canton
Christine Ann Bitzinger,
Liberty Center

Mary Joanne Bruns, Yorkshire
Cheryl Fenstermaker Crist,
Baltimore

Anne O'Farrell DeVoe, Columbus
Christine Ann Fuss, North Canton
Patricia Ruth Hennessy, Pomeroy
Rebecca Sue Knight, Dayton
Linda Lee Lemmon, Columbus
Linda Marie Martin, Columbus
Carol Koehler Matthews, Bryan
Diann Virginia Mayle, Cleveland
Thomas Michael Muse,
Williamson, W. Va.

Lula Joan Naylor, Reynoldsburg
Ann Raduege Pearsall, Columbus
Carolyn Eve Piercy, Youngstown
Jerelen DeChatelet Richter, Dayton
Kathleen Ann Ritzert, Akron
Margaret Ellen Roche, Newark
Judith Marie Shega, Maple Heights
Mary Denbow Spon, Ashland
Bonnie Wisecup Svetlick, Columbus
Wilma Jean Vargo, Canton
Peggy Ann Williams, Ft. Myers, Fla.

Graduates with Honors

Summa Cum Laude

Clyde Lewis Baker, Frederick, Md.
Stephen Gates Biegel, Englewood
Mary Jane Puglisi Fowler, Columbus
Ronnee Zoe Hawkins,
St. Petersburg, Fla.
Willa Ann Hsueh, Columbus
Herbert William Kierspel, Columbus
Gregory Michael Ondrake,
South Euclid
Margaret Singer Peery,
Prescott, Ariz.
Bonni Lynn Rickey, Circleville
Thomas Graham Yarleets, Ashtabula

Cum Laude

Sara Ellen Anderson, Reynoldsburg
Linda Rollins Bednar, Springfield
Laura Jeanne Chamalian, Mansfield
Betty Hebden Collings, Columbus
Mary Ann Peterson Dewald,
Columbus
Karen Louise Engdahl, Columbus
David Wayne Ennis, Columbus
Stephen Dudley Etter, Rockville, Md.
James Dennis Goltz, Columbus
Mario Christopher Grant,
North Olmsted
Michael Kevin Haninger, Gahanna
Susan Veronica Hasse, Heath
Thomas Joe Keener, Ashland
Burton Charles Krieger, Dayton
Carol Marie Lehman, West Liberty
Carol Sue Leonelli, Youngstown
Dale Marion Lewis, Emporium, Pa.
Timothy Craig McCann, Dayton
Wayne Edward Mehl, Columbus
William Ray Peak, Marion
Carolyn Eve Piercy, Youngstown
Linda Rhoads Rinehart, Hudson
Roger Vaughn von Oech, Columbus
Linda Hilvers Wagner, Fort Jennings
Richard Frank Walker, Dayton
Jane Ann Williams, Wilmington
Jerry Wayne Zimmer, Columbus

Cum Laude and with Distinction in Anthropology

Arleigh Elizabeth Luckett,
Dobbs Ferry, N. Y.

Cum Laude and with Distinction in History

Terrence James Morse, Columbus

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

Columbus, Ohio, April 9, 1970

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

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, William C. Safford, John H. Dunlap and M. Merle Harrod.

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Minutes of the last meeting were approved.

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April 9, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Deletion of Rule 41.01 (Application for Admission; Dates) and Revisions of Rules 47.03, 47.05, 47.07, 47.09, 47.11 and 47.15 and the Deletion of Rule 47.13 of Rules for the University Faculty

On March 10, 1970, the Faculty Council approved revisions in the Rules for the University Faculty, including the deletion of Rule 41.01 pertaining to application for admission; dates and the revision of rules relating to warning and dismissal (see complete text of changes in Appendix VI, page 473).

The proposed changes in the existing Rules for the University Faculty as published in November, 1969, are as follows:

- (1) Rule 47.03 - states that Colleges are responsible for academic standards, the establishment of appropriate policies for transfer and professional students and the definition of deficiency points.
- (2) Rule 47.05 - defines the special warning system to be employed when a student's previous academic credentials indicate the probability of low achievement or if he falls below a "C" average (2.0) at this University.
- (3) Rule 47.07 - defines the grade level below which a student shall be placed on academic probation.
- (4) Rule 47.09 - authorizes a College or School to dismiss a student who does not meet the conditions of his probation.
- (5) Rule 47.11 - states that a parent or guardian need not be notified of a student's academic status if the student is over 21 years of age or married.
- (6) Rule 47.13 - renumbers the existing Rule 47.15 to maintain continuity.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty be approved by the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees by unanimous voice vote approved the adoption of the foregoing rule changes with the deletion of Rule 47.11 which was referred back to the Faculty Council for reconsideration. The Secretary of the Board was further instructed and given authority to make the foregoing changes in the next printing of the Rules for the University Faculty.

April 9, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a New Program Leading to the Degree, Bachelor of Science in Industrial Design

Upon the recommendation of the Council on Academic Affairs, the Faculty Council on March 10, 1970, approved the establishment of a new program leading to the Bachelor of Science in Industrial Design degree, effective July 1, 1970.

The Division of Design of the College of The Arts has proposed this degree program which is to be compatible with the usage of the professional organization, Industrial Designers Society of America. Students in this program will be required to take courses in chemistry, physics, industrial engineering, engineering graphics as well as the basic educational requirements in the social sciences.

President Fawcett recommended that the Board of Trustees approve the above recommendation from the Faculty Council.

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

C. Merger of the Departments of Veterinary Medicine, Veterinary Surgery and Radiology and Veterinary Clinics Into a New Department-- Department of Veterinary Clinical Services

Upon the recommendation of the Council on Academic Affairs, the Faculty Council on March 10, 1970, approved a merger of three existing departments in the College of Veterinary Medicine--Departments of Veterinary Medicine, Veterinary Surgery and Radiology and Veterinary Clinics--into one new department to be called Department of Veterinary Clinical Sciences, effective July 1, 1970.

This action was based upon a seven-month study conducted by the faculty of the College of Veterinary Medicine of its clinical sciences activities, including teaching, research and service programs and available resources. As a part of this study, organizational practices in other colleges of veterinary medicine were reviewed. In veterinary practice these specialties have a great deal in common and the continuing advances in the clinical sciences are bringing them even closer together. The merger will improve the use of faculty time and college resources in ways not previously possible. An additional reason for merger is that the majority of the present faculty of these three departments are responsible to more than one department chairman.

These studies indicated that the new organizational arrangement being proposed should result in a general strengthening of the research, graduate and postgraduate specialty programs, as well as making them more attractive to prospective scholars and faculty because of the better balance achieved between investigative work and clinical service made possible by this re-organization.

April 9, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Merger of the Departments of Veterinary Medicine, Veterinary Surgery and Radiology and Veterinary Clinics Into a New Department--Department of Veterinary Clinical Services (continued)

President Fawcett recommended that the Board of Trustees approve the above recommendation from the Faculty Council.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the March 18, 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 and Leaves of Absence Without Salary:

A. Appointments

William T. Morris, Professor and Chairman, Department of Industrial Engineering, effective April 1, 1970, at a salary of \$25,956.00 per annum.

John Leslie Livingstone, Arthur Young Professor of Accounting, College of Administrative Science - Accounting, effective October 1, 1970, at a salary of \$25,128.00 per annum.

John Howard Wallace, Professor, College of Biological Sciences - Microbial and Cellular Biology, effective June 1, 1970, at a salary of \$21,168.00 per annum.

B. Leaves of Absence Without Salary

Samuel G. Huber, Professor, Department of Agricultural Engineering, effective April 8, 1970 through June 30, 1970, to serve as consultant on the Ford Foundation grant program at Punjab Agricultural University, Ludhiana, Punjab, India.

Bibb Latane, Associate Professor, Department of Psychology, effective April 1, 1970 through June 30, 1970, to teach and conduct research at the University of Washington, Seattle, Washington.

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

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April 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
February 28, 1970 - March 20, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	5	\$111,667.00
<u>Grants</u>		
Government Research - Federal	14	328,345.00
Industrial and Other Research	<u>1</u>	<u>12,963.00</u>
Totals	20	\$452,975.00

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

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as U. S. Atomic Energy Commission Project No. 2592-B - Mod. #2 - College of Biological Sciences - Genetics).
Gross Value - \$25,500.00.
- b. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Communication Analysis Support (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2734 - Mod. #3 - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- c. Naval Regional Procurement Office, Brooklyn, New York, Development of a Method to Produce Pictures with Acoustic Energy (to be known as Naval Regional Procurement Office Project No. 2976 - New - Department of Welding Engineering).
Gross Value - \$35,800.00.
- d. U. S. Air Force, Headquarters Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Wideband Propagation Support (to be known as Headquarters Aeronautical Systems Division Project No. 3004-A1 - New - Department of Electrical Engineering).
Gross Value - \$20,822.00.

April 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)

- e. Department of the Navy, Office of Naval Research, Washington, D. C., Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Office of Naval Research Project No. 3006-A1 - New - College of Administrative Science - Division of Continuing Education).
Gross Value - \$9,545.00.

TOTAL - Government Research Contracts - Federal \$111,667.00

2. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis--A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893-K - Ext. #11 - Department of Anatomy).
Gross Value - \$29,898.00.
- b. National Aeronautics and Space Administration, Washington, D. C., Physiological Effects of Artificial Gaseous Environments (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #6 - Department of Physiology).
Gross Value - \$25,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012-E - Ext. #5 - Department of Physiological Chemistry).
Gross Value - \$31,072.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437-C - Ext. #3 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$20,433.00.
- e. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as National Aeronautics and Space Administration Project No. 2732 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$6,000.00.

April 9, 1970 meeting, Board of Trustees

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

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

2. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Immunosuppression in Renal Heterotransplants (to be known as National Institutes of Health Project No. 2782-A - Ext. #1 - Department of Veterinary Surgery and Radiology).
Gross Value - \$10,752.00.
- g. Department of the 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 Air Force Office of Scientific Research Project No. 2785 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,965.00.
- h. 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 National Institutes of Health Project No. 2796-A - Ext. #1 - Department of Chemistry).
Gross Value - \$11,936.00.
- i. 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 National Institutes of Health Project No. 2797-A - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$31,613.00.
- j. U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Supersonic Combustion and Spontaneous Ignition in Cold Flowing Mixtures for Advanced Air-Breathing and Hybrid Engines (to be known as Air Force Office of Scientific Research Project No. 3000-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$40,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Drug Sensitive Biochemical Pathways in the CNS (to be known as National Institutes of Mental Health Project No. 3002-A1 - New - Department of Pharmacology).
Gross Value - \$45,920.00.

April 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)

1. National Science Foundation, Washington, D. C., Spin Label Investigation of Enzyme Conformation (to be known as National Science Foundation Project No. 3005-A1 - New - Department of Chemistry).
Gross Value - \$24,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, Environmental Health Service, Environmental Control Administration, Rockville, Maryland, Household Pests: Insecticide Resistance in Blattella (to be known as Environmental Health Service Project No. 3008-A1 - New - College of Biological Sciences - Entomology).
Gross Value - \$16,756.00.
- n. National Science Foundation, Washington, D. C., Detection of Travelling Ionospheric Disturbances Resulting from the 1970 Solar Eclipse (to be known as National Science Foundation Project No. 3009-A1 - New - Department of Electrical Engineering).
Gross Value - \$5,000.00.

TOTAL - Government Research Grants - Federal \$328,345.00

3. Industrial and Other Research Grant

- a. American Thoracic Society, New York, New York, Lipids of Mycobacteriophages: Separation and Identification (to be known as American Thoracic Society Project No. 3010-A1 - New - Department of Medical Microbiology).
Gross Value - \$12,963.00.

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

	No. of Projects	Gross Value
Government Research Contract	1	\$ 3,900.00
Industrial Research Contracts	<u>2</u>	<u>57,812.00</u>
Totals	3	\$61,712.00

April 9, 1970 meeting, Board of Trustees

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

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

During the period from February 27, 1970 through March 19, 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 Contract

EES 357X Development of Continuity in Concrete Prestressed
Girder Bridges, Ohio Department of Highways, Columbus,
Ohio.
Gross Value - \$3,900.00.

2. Industrial Research Contracts

EES 358X An Exploratory Evaluation on Hot Forming of Metal
Using Sonic Power, North American Rockwell Corpora-
tion, Reading, Pennsylvania.
Gross Value - \$42,375.00.

EES 359X A Theoretical Investigation of the Time Behavior of
Ions in Flowing Natural Gas Mixtures, Columbia Gas
Systems Service Corporation, Columbus, Ohio.
Gross Value - \$15,437.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 18, 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	\$1,323,273.00
Received Through The Ohio State University Development Fund	186,375.51

A. Administered Through the Office of Business and Finance

1. \$424,171.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1970 National Science Foundation Graduate Traineeship Program. This grant provides support for the appointment of seventy-six Graduate Traineeships for a period of nine or twelve months, beginning in the fall of 1970, and for seventeen Summer Traineeships for Graduate Teaching Assistants during the summer of 1970. This grant will be under the direction of the Graduate School and will terminate on September 30, 1971. (GZ-1688)

April 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$352,796.00 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. This program is under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period March, 1970 through March, 1971. (Contract No. 12-25-400-64)
3. \$142,543.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Pathology," under the direction of the College of Veterinary Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 GM01052-08)
4. \$117,307.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 GM01539-05)
5. \$99,642.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "A Program to Provide Dental Care for the Homebound, Chronically Ill and/or Handicapped in Columbus and Franklin County," under the direction of the College of Dentistry, for the period April 1, 1970 through March 31, 1971. (Grant No. 53009-02-70)
6. \$50,000.00 additional grant by U. S. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C. 20591, to the University for support of post master's level candidates in highway safety and motor vehicle safety research. This grant will be under the direction of the Department of Industrial Engineering and will terminate June 30, 1971. (Grant No. FH-11-7357G)
7. \$42,966.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 HE05843-02)
8. \$25,840.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Experienced Teacher Fellowships - Curriculum in Art Education," under the direction of the College of The Arts - Division of Art. This project extends through September 30, 1970. (Grant No. OEG-0-9-450663-2001-721)

April 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$23,300.00 from State of Ohio, Department of Education, Columbus, Ohio, to the University for support of four two-week 1970 Summer Vocational Guidance Seminars, under the direction of the College of Education.
10. \$19,740.00 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 Veterinary Physiology, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 T01 HE05659-06)
11. \$15,483.00 granted by National Endowment for the Humanities, Washington, D. C., 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)
12. \$6,080.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Fellowship Program in Reading," under the direction of the College of Education. This project extends through October 31, 1970. (Grant No. OEG-0-9-450667-2279-721)
13. \$3,405.00 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 Library, for the period January 1, 1970 through December 31, 1970. (Grant No. 5 G01 LM00187-04)

TOTAL - Administered Through the Office of Business and Finance -
\$1,323,273.00

B. Received Through The Ohio State University Development Fund

1. \$59,817.00 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:

\$59,817.00 to The Ohio State University Development Fund for use by The Ohio State University College of Medicine for an investigation of the antigenic properties of the placenta and its membranes by transplantation techniques described in the University's grant application of November 18, 1969, amended December 26, 1969.

April 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

1. \$59,817.00 from The John A. Hartford Foundation, Inc. (continued)

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. Jones, seconded by Mr. Shocknessy, the Board of Trustees by unanimous voice vote approved the acceptance of the above grant from The John A. Hartford Foundation, Inc.

2. \$15,000.00 from the Estate of John G. Love--\$10,000.00 for the Charles Austin Doan Fund and \$5,000.00 for the John G. Love, D. D. S., Loan Fund.
3. \$13,500.00 from the Jeffrey-Galion, Inc., Columbus, Ohio--\$12,500.00 for the Center for Tomorrow Fund and \$1,000.00 for Cancer Leukemia Research.
4. \$10,000.00 from The Ohio Nurseryman's Association, Inc., Columbus, Ohio, for the L. C. Chadwick Research Fund.
5. \$10,000.00 from the Rosalee Rusoff Trust, (In the name of Mrs. Rosalee S. Rusoff), for the Rosalee Rusoff Memorial Creative Writing Fund.
6. \$9,997.75 from Walter M. Rudin, Mt. Vernon, Ohio, for the Pace Setters Fund.
7. \$9,000.00 from the Alfred P. Sloan Foundation, New York, New York, for the Sloan Foundation Scholarship Fund.
8. \$8,000.00 from the Payne Fund, Inc., Cleveland, Ohio, (In the name of Mrs. Frances P. Bolton), for the Payne Fund Communications Project.
9. \$7,000.00 from Dairy Research, Inc., Chicago, Illinois, for Dairy Research, Inc., Research Fund.
10. \$6,600.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for American Foundation for Pharmaceutical Education Scholarships.
11. \$5,400.00 from Ross Laboratories, Columbus, Ohio, for the Ross Laboratories Graduate Research in Dairy Foods Microbiology.
12. \$5,000.00 from Dermatology Foundation, Inc., New York, New York, for the Dermatology Research Fund.

April 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

13. \$5,000.00 from The Farm Bureau Cooperative Association, Inc., Columbus, Ohio, (In the name of Landmark), for the Center for Tomorrow Fund.
14. \$3,750.00 from Abbott Laboratories, (In the name of Ross Labs), for the Center for Tomorrow Fund.
15. \$2,681.76 from Mrs. John A. Ramseyer, Sr., and friends for the establishment of the John A. Ramseyer Memorial Fund.

John A. Ramseyer Memorial Fund

The John A. Ramseyer Memorial Fund was established April 9, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the widow and friends of Dr. John A. Ramseyer, Sr., M.A. '34, Ph.D. '48, former faculty member in the College of Education, 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 in memory of Dr. Ramseyer in a manner determined by the Dean of the College of Education.

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 teacher training.

16. \$2,500.00 from 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.
17. \$2,000.00 from the Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton), for the John W. Bricker Professorship in the College of Law.
18. \$1,920.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
19. \$1,209.00 from Arthur E. Shepard as an undesignated gift to the University.

April 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

- 20. \$1,000.00 from the A. B. "Dolly" and Ralph Cohen Foundation, (In the name of Mrs. A. B. Cohen), for the Woody Hayes Fund.
- 21. \$1,000.00 from John Dana Cole for the John Dana Cole Fund.
- 22. \$1,000.00 from Mrs. Harry W. Hosford for the Alumni House Building Fund.
- 23. \$1,000.00 from J. F. Jelenko & Company, Inc., (In the name of Jesse F. Jelenko, Jr.), for the Jesse Jelenko, Jr., Dental Student Loan Fund.
- 24. \$1,000.00 from SCOA Foundation, Inc., (In the name of Herman H. Schiff), for the SCOA Industries, Inc., Student Loan Fund.
- 25. \$1,000.00 from Stryker Corporation, Kalamazoo, Michigan, for the Stryker Corporation Bioceramic Research Fund.
- 26. \$1,000.00 from the Trust under the Will of Erdis G. Robinson as an undesignated gift to the University.
- 27. \$1,000.00 from Dr. Benjamin R. Wiltberger for the Orthopaedic Development Fund.

TOTAL - Received Through The Ohio State University Development Fund - \$186,375.51

Upon motion of Mr. Harrod, seconded by Mr. Safford, 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.

C. Report from The Ohio State University Development Fund

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	724	\$109,980.05
Individuals other than alumni	142	15,164.18
Business concerns	61	67,284.92
Nonprofit organizations	40	47,017.78
	<u>967</u>	<u>\$239,446.93</u>

Of these gifts, 255 totaling \$4,661.36 were undesignated and 712 totaling \$234,785.57 were designated.

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April 9, 1970 meeting, Board of Trustees

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. Ohio Union - Revision of Dishwashing System

This project will provide a new dishroom on the first floor of the Ohio Union to replace the present dishroom in the basement area.

Funds for this project have been provided from Budget Account 921100 (Ohio Union).

B. Fire Alarm Systems in Classroom Buildings

This project will provide the installation of fire alarm systems in Hamilton Hall, Civil and Aeronautical Engineering, Hitchcock Hall, Pomerene Hall, Mendenhall Laboratory and the Men's Physical Education Building. The system will include electric operated bells, local station boxes and provisions to transmit the signals to the Police Department.

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

C. Floodlighting of Parking Areas

This project will provide underground wiring, aluminum poles and mercury floodlighting units for the following parking areas: North St. John's Arena and French Field House, Plumb Hall court area and the West Olentangy River Bank from the Pedestrian Bridge to Stadium Drive.

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

D. Animal Science Building - Remodeling of Mechanical System

This project provides a chilled water system including cooling coils, roof-top chiller, new filters and sheet metal changes as required to convert the two main multi-zone supply air systems to year around air conditioning systems.

Funds for this project have been provided in Budget Account 801205 (Animal Science Air Conditioning).

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

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April 9, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

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

A. Lighting Improvements - 1969

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(3 bids received 3-18-70)		
Pence Electric Company (Columbus)	\$56,321.00	\$110,000.00

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

B. Parking Ramp - Medical Area

Pursuant to action of the Board of Trustees on March 18, 1970, in regard to the award of contracts for this project, the small Heating and Ventilating Contract was readvertised since the original bids were over the estimate of cost. The following is the result of the rebid:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(1 bid received 3-25-70)		
Limbach Company (Columbus)		
Base bid	\$13,400.00	\$ 15,000.00
H-1 Addition of heating elements in elevator pits of north and south elevators	<u>2,400.00</u>	<u>2,400.00</u>
Total Contract	<u>\$15,800.00</u>	<u>\$ 17,400.00</u>

Funds for the portion of the project which is for parking have been provided in Budget Account 801031 (Parking Ramp - Medical Area) and for that portion of the project which is the helicopter landing deck from the University Hospital Rotary.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, 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.

C. Stadium - Artificial Turf

Bids received for artificial turf on the Stadium football field and the practice field came in higher than available funds will permit.

April 9, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Stadium - Artificial Turf (continued)

Therefore, President Fawcett recommended that the President and/or the Vice President for Business and Finance be directed to reject all bids, and readvertise expeditiously, specifying new alternates, so that the magnitude of the project can be brought within available funds.

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

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VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 18 Approves the transfer and release of \$2,058,710.00 from Item 315-067, University College Phase III, H. B. 531, to Item 315-056 University College Building 4, H. B. 531, to provide funds for the project "University College Building 4."

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VIII. 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, the location of the Olentangy main trunk sanitary sewer, Part III, requires a right-of-way through lands owned by the Board of Trustees of The Ohio State University; and

WHEREAS, this right-of-way through two residential lots in the Tuttle Field area will permit the City of Columbus to construct a portion of the trunk sewer;

THEREFORE, President Fawcett recommended that the President and/or Vice President for Business and Finance be authorized to request the land acquisition division of the City of Columbus to prepare the necessary legal instruments to provide the easement for the trunk sewer and to sign said easements on behalf of the Board of Trustees of The Ohio State University.

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

B. Sewer Line Easement - City of Columbus

WHEREAS, the construction of the Laboratory Animal Facility requires sanitary sewer facilities; and

WHEREAS, the City of Columbus utility regulations require the signers of the private agreement to grant to the City of Columbus an easement through their lands so that the City of Columbus may extend service within the drainage area; and

WHEREAS, the granting of a 30-foot easement northward across State of Ohio lands, adjacent to and paralleling the Chesapeake and Ohio Railroad property, will enable the City to extend service within the drainage area and enable the University to utilize the sanitary sewer facilities of the City of Columbus;

THEREFORE, President Fawcett recommended 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 this sanitary sewer service.

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

C. Purchase of Buildings and Property - South Campus

President Fawcett recommended that the President and/or Vice President for Business and Finance be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Lots #36 and 37, College Place Addition, Columbus, Franklin County, Ohio, and commonly known as 65 and 67 West 11th Avenue from George F. Gallagher and Jean J. Gallagher.

Lots #38 and 39, College Place Addition, Columbus, Franklin County, Ohio, and commonly known as 53 and 61 West 11th Avenue from John F. Hummel and Stephanie A. Hummel.

A part of Lot #34, College Place Addition, Columbus, Franklin County, Ohio, and commonly known as 1616-1618 Hunter Avenue from Helen M. Harley.

Counsel shall be obtained from M. A. I. appraisers and the aggregate cost shall not exceed the aggregate of current appraisals. Funds are available in Budget Account 801099 (Land).

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

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April 9, 1970 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Mervin B. France, former member of the Board of Trustees, and Samuel A. Marable, Professor, Department of Surgery. 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. Mervin B. France

The Board of Trustees expresses particular sorrow at the death on February 16, 1970, of its former colleague, Mervin B. France, of Cleveland, Ohio. Mr. France was a Trustee from September 16, 1964, until his resignation April 4, 1969.

From the records it would appear that Mr. France was the twenty-third alumnus or former student of the University to serve it as a Trustee. He entered the University in the fall of 1920, but his education was interrupted. He was originally in the College of Engineering but transferred later to the then College of Commerce and Journalism. He withdrew from the University at the end of the second semester of 1923-24. He entered the business world and soon began to make rapid advancement.

As a Trustee, he was singularly faithful to his trust. He attended his first meeting October 9, 1964, a month after his appointment by Governor James A. Rhodes. By coincidence he attended his last such meeting exactly four years later on October 9, 1968. Of the forty-three Board meetings held during that time, he was present at thirty-eight. Because of illness he attended no further meetings and his resignation followed in the spring of 1969.

His was a typical American success story. He was two years old when his father died and his mother took him and a brother to live with relatives in rural eastern Ohio. As a boy, he attended a red brick country school and helped with farm chores. In time his mother moved to Alliance, Ohio, where she was matron of the girls' dormitory at Mt. Union College and the son helped by cutting lawns, firing furnaces and with part-time jobs at the college.

In January, 1925 he went into the bond business in Canton. In 1927 he became Ohio representative, in Cleveland, of the Union Trust Company, of Pittsburgh. It was here he attracted the attention of the officers of the Society for Savings. In 1934 he became head of its investment and collateral loan department as assistant vice president and assistant secretary. He made his mark for in November, 1941 he became first vice president and in January, 1947 was elected president. The Society was then 98 years old and, at 45, he was recognized as one of the youngest top bank executives in America.

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Mervin B. France (continued)

Under earlier Ohio laws the operations of mutual savings banks were restricted. But these were amended in 1955 and this permitted the organization of the Society National Bank which with the Society for Savings operated under the same roof. With court approval the two institutions were merged. Under Mr. France's leadership the Society National Bank was recognized as one of the most progressive banks in the United States. It was one of the first to introduce "electronic banking" to its customers. As of the end of 1969, it was the 71st largest of some 13,000 U. S. commercial banks and had total resources of five-sixths of a billion dollars.

Inevitably a man of the stature and versatility of Mr. France was drawn into wide participation in other business and civic affairs. This is attested to by the long list of trusteeships and directorships he held in other areas. His active life since leaving the University well bears out its motto, "Disciplina in Civitatem."

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 an expression of the Board's heartfelt sympathy in its bereavement.

B. Samuel A. Marable

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 21, 1970, of Samuel A. Marable, M. D., Professor in the Department of Surgery.

Dr. Marable was born in Clarksville, Tennessee, on February 10, 1928. He graduated from Vanderbilt University where he earned two degrees-- the B. A. degree cum laude in 1949, and the M. D. degree in 1952 during which time he was elected to Phi Beta Kappa and Alpha Omega Alpha in addition to being awarded the Founders Medal--the highest scholastic award at Vanderbilt.

In 1953 Dr. Marable completed a straight surgical internship at The Johns Hopkins Hospital. From 1953 to 1955 he served as a medical officer in the U. S. Navy. After completion of active duty he entered a five-year residency in general and thoracic surgery at the University of California Medical Center, Los Angeles. Upon completion of his residency training in 1960, he remained on the UCLA faculty for one year as an Instructor in Surgery. In 1961 he was certified by the American Board of Surgery and the Board of Thoracic Surgery.

On July 1, 1961 he joined the faculty of The Ohio State University as an Assistant Professor of Surgery with joint appointments in the Divisions of General Surgery and Thoracic Surgery. With his broad background of training, experience and his technical skill, he was soon recognized as a master surgeon, particularly in the peripheral vascular field. In the Department of Surgery he had numerous administrative assignments including the graduate

April 9, 1970 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Samuel A. Marable (continued)

training program, sophomore surgical lecture course and resident rotations. His contributions to the medical literature were numerous, including the elucidation of the celiac compression syndrome.

Dr. Marable's excellence as a teacher was recognized by the medical students who selected him the 1964 Faculty Man of the Year. The students made special note that he was "a true gentleman in his teacher-student relationships." Also in 1964 the Columbus Junior Chamber of Commerce honored Dr. Marable as one of the ten "Outstanding Young Men of Central Ohio."

In addition to his serving as Secretary-Treasurer of Alpha Omega Alpha, Dr. Marable was a member of numerous surgical and medical associations. He had just been installed as President of the Academy of Medicine of Columbus and Franklin County.

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 College of Medicine and the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Highlights of University Activities

President Fawcett reported to the Board on some of the significant happenings that have taken place at the University. Some references included in this report, which is filed with the official records of the Secretary, were as follows:

1. The University will introduce an upper-division program in elementary education next autumn at its four regional campuses. The level of enrollments will determine when each campus will be able to offer the complete four-year program.
2. Ohio State awarded 68 per cent of the Ph. D. degrees granted by eight state-assisted universities in Ohio during 1968-69, according to Ohio Board of Regents figures. During that period 757 doctorates were granted by the universities, with Ohio State accounting for 518. Closest in number of doctorates awarded was the University of Cincinnati with 89. Ohio State's area of heaviest concentration in Ph. D. 's was education with 96, or 66 per cent of the 145 degrees awarded in education by the state-assisted universities.
3. The fully automatic car under development at Ohio State recently was steered automatically along a section of new but unopened interstate highway at 100 m. p. h. Previously such steering tests were limited to a maximum of 70 m. p. h.

April 9, 1970 meeting, Board of Trustees

X. REPORTS (continued)

A. Highlights of University Activities (continued)

4. The President expressed his great pleasure with the events of the Centennial Weekend. He also indicated that the response has been highly favorable.

B. Report on the University's Investment Portfolio

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

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XI. CENTENNIAL COMMENDATION

Mr. Ketterer made the following statement--

The Ohio State University Centennial Year has begun in a truly memorable manner. As Trustees we have witnessed and participated in an array of outstanding programs. We have also on behalf of the University been recipients of a number of commendations and congratulations.

On behalf of all of the members of the Board I should like to express appreciation to those who have had a role in inaugurating the Centennial Year in such an auspicious manner.

--The Students, through the Student Centennial Committee, for the outstanding program on January 10, opening the Centennial Year.

--The Faculty, Administration and Staff of the College of Agriculture and Home Economics, for conducting the very remarkable program on February 12 and 13.

--The Alumni, through The Ohio State University Association, for the outstanding Charter Weekend, March 20-22.

--The Faculty, Administration and Staff, and specifically the Centennial Committee for all of the planning that has gone into developing such an outstanding program.

For the many proclamations and resolutions, and specifically those of the Governor and the Ohio General Assembly, we also express the deep appreciation of the University.

* * *

April 9, 1970 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, May 14, 1970, at The Ohio State University, Columbus, Ohio at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Page 472 Blank

APPENDIX VI

Deletion of Rule 41. 01 (Application for Admission; Dates) and
Revisions of Rules 47. 03, 47. 05, 47. 07, 47. 09, 47. 11 and 47. 15
and the Deletion of Rule 47. 13 of Rules for the University Faculty

Approved by Faculty Council
March 10, 1970

Adopted by Board of Trustees April 9, 1970,
with exception of Rule 47. 11
(See page 450)

Page 474 Blank

Deletion of Rule 41.01 (Application for Admission; Dates) and Revisions of Rules 47.03, 47.05, 47.07, 47.09, 47.11 and 47.15 and the Deletion of Rule 47.13 of Rules for the University Faculty

The Faculty Council on March 10, 1970, approved certain changes in Rules for the University Faculty as enumerated below:

- (1) Deletion of Rule 41.01 (Application for Admission; Dates)
- (2) Revisions in Rules 47.03, 47.05, 47.07, 47.09, 47.11 and 47.15
- (3) Deletion of Rule 47.13 and
- (4) Renumbering of Rule 47.15 to Rule 47.13 to maintain continuity

47.03. Minimum Scholastic Requirements.

Section 1. Rules 47.03, 47.05, 47.07, 47.09, 47.11, and 47.13 shall apply only to undergraduate students (as defined in Rule 41.03). The academic standards controlling warning, probation, and dismissal of professional and graduate students shall be established by rule by the faculties of the College in which the professional student is registered, or of the Graduate School if the student is a graduate student; provided, however, that an undergraduate professional student shall not be dismissed from the University unless he has 15 or more deficiency points as defined in Section 3 hereof and computed on the basis of his entire undergraduate program.

Section 2. Application of Rule to Transfer Students. For the purpose of this rule the deficiency points of a transfer student from another university, who is admitted to advanced standing in this University, shall be computed only upon work done at this University.

Section 3. Requirements and Definition. In order to remain in good standing in the University a student must maintain a point-hour ratio (see Rule 37.05) of at least 2.00. Deficiency points are applied only to the records of students whose point-hour ratio is below 2.00 and are defined as the number of credit points a student would have to earn to bring his point-hour ratio up to that level. Deficiency points may be calculated by subtracting the total number of credit points earned from twice the total number of credit hours attempted for which calculable grades (A, B, C, D, or E) were given.

47.05. Academic Warning.

Section 1. Any student who has never attended another college or university and who seeks to enroll as a new freshman in this University shall be placed on special warning when his application for admission is received and processed if his academic credentials indicate the probability of low achievement. He and his parents or guardian shall be so informed before final registration and the payment of fees are completed, except as provided in Rule 47.11. The fact that special warning has been given shall be made known to the office of the College or School to which he seeks admission.

Section 2. If, at the end of any quarter, a student subject to the provisions of Rule 47.03 has accumulated deficiency points in the range from one through fourteen, he shall be warned and his parents or guardian shall be notified by the Dean of his College or Director of his School, except as provided in Rule 47.11.

Deletion of Rule 41.01 (Application for Admission; Dates) and
Revisions of Rules 47.03, 47.05, 47.07, 47.09, 47.11 and 47.15
and the Deletion of Rule 47.13 of Rules for the University Faculty

47.07. Academic Probation.

Section 1. Any student who has accumulated fifteen or more deficiency points shall be placed on probation. The probation shall continue provided the student's college considers his progress to be satisfactory and shall be removed when he has reduced his deficiency points to fourteen or fewer. The student and his parents or guardian shall be notified of probationary status by the Dean of the College or the Director of the School in which he is registered, except as provided in Rule 47.11. Such notification shall include a clear statement of what shall be considered to be satisfactory progress.

Section 2. Probation by special action. If at any time the preparation, progress, or success of a student in his academic program is determined to be unsatisfactory, the College or School in which the student is registered shall be empowered to place him on academic probation.

47.09. Academic Dismissal.

Section 1. If the student's College or School considers a student's progress as unsatisfactory in meeting the conditions placed on his probation the College or School shall be empowered to dismiss him from the University. An exception to this authority for undergraduate professional students shall be in accordance with Rule 47.03, Section 1. Notice of the dismissal shall be sent to the student and the student's parents or guardian by the Dean of the College or the Director of the School in which the student was registered for the quarter, except as provided in Rule 47.11. No student shall be subject to academic dismissal unless he is currently on probation.

47.11. Exception to Notice of Probation and Dismissal.

The notice of action to parents or guardians provided for in Rules 47.05 (Sections 1 and 2), 47.07 (Section 1) and 47.09 (Section 1) will not be sent for a married student or a student who is 21 years of age or older, if the student has requested the Registrar not to send his grade reports to his parent or guardian.

47.13. Reinstatement after Academic Dismissal.

Section 1. Any student who may be reinstated by a College or School following academic dismissal shall be subject to such special requirements as may be determined appropriate by the Dean of the College or Director of the School. If the performance record of any reinstated student does not meet the conditions of probation specified at the time of reinstatement, then the College or School in which he is registered shall determine whether the student is to be dismissed or continued on probation.

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

Columbus, Ohio, May 14, 1970

The Board of Trustees met at its regular monthly meeting on Thursday, May 14, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

* * *

Minutes of the last meeting were approved.

* * *

ELECTION OF OFFICERS

Mr. Shocknessy moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms of office shall be effective May 14, 1970, and shall continue through the May, 1971, meeting of the Board:

Chairman	John G. Ketterer
Vice Chairman	Frederick E. Jones
Secretary	Edward Q. Moulton
Treasurer	Gordon B. Carson

Mr. Safford seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board - Mr. Ketterer abstaining.

May 14, 1970 meeting, Board of Trustees

STATEMENT OF CONDITIONS RELATED TO THE
REOPENING OF THE UNIVERSITY

President Fawcett presented the following statement of conditions related to the reopening of the University.

I need not remind this governing board that the conditions leading up to the official closing of this campus constitute a catastrophe of incalculable dimensions. Just the problem of logistics in shutting down and securing this place required two days of intensive work on the part of authorized personnel who could accomplish that task. The process of reopening requires the cooperation of literally thousands of people and the development of a set of conditions that hopefully will assure continuing operation once we are under way again. One concept has been very clear to me even before the instant of closing. This University has been in operation for a hundred years; ways must be found to reopen it and to keep it functioning in service to the people for whom it was founded. Ever since it was closed and secured, we have been examining the input from faculty, students, staff, alumni, trustees and the general public, including many thousands of letters and petitions, most of which have pleaded for a reopening in time to permit students to finish the work of the quarter and to permit others to graduate in order to take advantage of job opportunities in a market where often the supply of trained manpower presently exceeds the demand.

As a result of all kinds of consultation, I would now like to outline the procedures we believe to be essential if we are to reactivate the educational processes that over the years have gained great vigor here and that have lifted this institution to a position of national and international eminence. I will, therefore, review a plan under five headings:

Campus Security,
Faculty Role,
Students' Role,
Administration Role, and
Communications.

Following this presentation, I will request from the Board, action designed to enable us to get under way. If that action is approved, I will then submit a time schedule for your consideration and, hopefully, for your approval.

Campus Security

It is clear to me that the reopening of this campus must be accomplished without the use of outside security forces and must continue to operate on this basis as faculty, students and administration join together to achieve the educational objectives of the Spring Quarter and to engage in such discussions as may be necessary as a means of resolving any legitimate issues that may prevail. I have a commitment from the enforcement agencies of the State that they will return to assist in case of emergency, but those agencies

May 14, 1970 meeting, Board of Trustees

President Fawcett's Statement (continued)

have no more interest than we have in being on this campus to preserve order. It is our earnest hope that we can regulate the operation of the University without resorting to the use of large security forces in the future.

Access to this campus must continue to be controlled, which means that admission to it must be accomplished through an identification system. Our plan is to provide free pedestrian traffic for students, faculty and others who are authorized to be here, but other pedestrians will be required to produce identification or leave immediately before legal action for trespassing is taken.

We already have instituted a mandatory identification system for faculty, students, staff and visitors. All but about ten thousand of our students have such identification on a voluntary basis. In order to attend classes and participate in University functions all those who do not - whatever their approved category - will be required to obtain ID cards on a schedule that will be announced.

It is essential to begin a system of building security. The Office of Academic Affairs has arranged to have at every building, an Administrator-in-Charge, who will have access to the Office of the Vice President for Business and Finance, under whom our security people function. Additionally, we are in the process of working out a system of watchmen in buildings - an action we believe necessary, because of the high incidences of fire, here and on other campuses in recent days and weeks.

Another action that is necessary but cannot be accomplished immediately is an upgrading of the University security force, both in quality and quantity. This procedure has funding implications and probably will result in a reordering of our priorities for the 1970-71 academic year. It is very clear to me that some substantial changes in the whole system of University security must be achieved in the very near future.

At least during the first several days after we reopen, it may be necessary to establish a curfew extending from 12:00 midnight until 6:00 a. m. so that security can be maintained within the capability of manpower available. I am also asking for authority to limit to a specified area or areas, all people who wish to engage in peaceful dissent and demonstrations - those who are within their constitutional rights and will assure us of so remaining.

Faculty Role

On Tuesday of this week, I met for five hours with the Faculty Council to seek consultation, advice and cooperation. This body can and, I believe, will serve as a task force to persuade and influence all members of the faculty to cooperate with essential security measures. The Council took action requesting me to recommend to this Board the reopening of the University, which was a prerequisite to readmitting faculty to the campus - beginning yesterday morning - in preparation for reopening.

May 14, 1970 meeting, Board of Trustees

President Fawcett's Statement (continued)

In terms of their time commitments, the faculty has been requested to place top priority on assisting students and completing this quarter's work. Teachers have been asked to conduct extra class meetings, when appropriate.

As time is available tutoring for those who need it can be provided. All members of the faculty have been requested to provide extended office hours in order to help students catch up on their schedules. Additionally, every effort will be made to facilitate graduate theses, particularly for those people planning to graduate in June and who have job commitments immediately thereafter.

All faculty travel will be deferred during the remainder of the Spring Quarter, unless it is absolutely necessary for someone to travel in support of the central mission of this institution and in support of its instructional program. Routine types of travel for participation in professional and scholarly conferences will be deferred until after the end of the Spring Quarter. Any emergency travel required will be cleared through the Department Chairman, the Dean of the College and the Vice President for Academic Affairs.

All faculty research during the remainder of the Spring Quarter will be set aside, except where the research is essential to the completion of contractual obligations or that which contributes to the work of a graduate student whose career aspirations would be limited otherwise. Free and independent research during this restricted period will be set aside in an effort to have all faculty assist students in the completion of their academic work. We are assured of outstanding cooperation in this respect, and I have every reason to believe that the faculty will keep its commitment.

College and departmental committees and agencies will be used to work with students in reexamining such issues as may appear to be dividing this campus. Additionally, the faculty has addressed itself vigorously to helping resolve these matters by creating a mechanism that will be in operation concurrently with the opening of the University, if not before. The Faculty Advisory Committee to the President and Board of Trustees will coordinate this effort by providing an opportunity for representative students, faculty and administration to come together for the purpose of reviewing actions that have been taken, and for refining and making recommendations on such legitimate issues as may yet need resolution. An earnest effort will be made to analyze these issues in depth and to take such steps as may be in the best long range interest of this University.

The Faculty Council has been requested to begin at once to reexamine the possible further decentralization of academic organization as a means of relating more effectively to undergraduate instruction. It is our view that we need a higher degree of capability for each college to interface with its students. The student needs to feel that he belongs to a college, that he has an identity in it, and that he has people to talk to about his problems.

Students' Role

We are requesting that all non-essential extracurricular activities be canceled so that the students may give full time to their academic work. This is not to say that no student organization can meet, but such meetings as are

May 14, 1970 meeting, Board of Trustees

President Fawcett's Statement (continued)

essential should be determined by the college or the structure in which the organization operates, and all of these that can be eliminated will be eliminated during the remainder of the quarter. Every effort will be made to persuade each individual enrolled as a student at this University that concentration on the completion of his course work must come first.

Administration Role

Central administration will take a very hard look at its structure and organization and will, among other changes, try to select a student advisory mechanism for every cabinet officer. We will reassess our counseling and advising system to determine how much of this work should be done centrally as versus how much should be done at the college level. Such changes as need to be made will be contingent upon such academic reorganization as is appropriate, based upon in-depth studies of the manner in which the student can relate to his own college objectives. I am, personally going to examine the feasibility of having some type of student advisory committee that will meet with me on a regular basis, just as the Faculty Advisory Committee does at the present time.

If all of these procedures work, we will try to arrange an appropriate commencement.

Communication

There will be a number of techniques used to try to develop an internal communications system that will work whether or not we are in a crisis situation. When peaceful demonstrations are infiltrated with people who are committed to disruption and violence, we simply have not had a communication system that would function effectively. We are addressing ourselves to this problem at the present time. Also, we will be developing some kind of house organ so that faculty, students and administration can be as fully informed on University action as possible.

We intend to institutionalize our information center, which came into being during the crisis and which has been very effective and helpful in getting information to so many thousands of people who have been trying to understand what was going on here and what would be the conditions for returning.

Some of the above plans have been implemented fully; others will be completed by the time the University might reopen, and the remainder will be pursued as rapidly and as vigorously as possible. Based upon this plan of action, I wish to present the following resolution and to recommend its approval.

* * *

Mr. Ketterer noted as a point of personal privilege his deep appreciation of the honor as well as the sense of deep responsibility which he felt by being reelected as Chairman of the Board for another year. He pledged the assistance of the Board and urged the cooperative effort of the entire academic community toward reinstituting and maintaining the educational process at The Ohio State University.

* * *

May 14, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. SPECIAL RECOMMENDATIONS

A. Ratification of the President's Action
Closing the University

WHEREAS, the recent events which occurred at the University have resulted in high emotion, disruption, damage and danger; and

WHEREAS, the Governor recommended that universities experiencing disruption should close; and

WHEREUPON, President Fawcett closed the University, Columbus Campus, at 6 p. m. , May 6, 1970, until further notice;

THEREFORE BE IT RESOLVED, that the President's action closing the University is hereby ratified.

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

B. Authorization of the Reopening of the University and
Special Interim Authorization to the President

WHEREAS, an emergency situation exists on the campus with attendant problems in assuring security for persons and property; and

WHEREAS, new policies, rules, methods and procedures for campus governance are to be formulated;

THEREFORE BE IT RESOLVED, that the President be authorized to reopen the University in accordance with the attached schedule. Be it further resolved that the President be authorized to establish such interim policies, rules, methods and procedures as are, in his judgment, required to open the campus and to preserve the general safety and welfare;

AND, FURTHER BE IT RESOLVED, that such authority shall enable the President to do the following, but to not be limited thereto:

1. The establishment of a mandatory system of identification for all University-related personnel and for all other persons having official business on campus.
2. The establishment of interim rules of time, place and manner for all campus activities.
3. The restriction from University property of any person not properly identified or without official authorization, and the determination as to whether such person is a trespasser.

May 14, 1970 meeting, Board of Trustees

I. SPECIAL RECOMMENDATIONS (continued)

B. Authorization of the Reopening of the University and
Special Interim Authorization to the President (continued)

4. The establishment of other such emergency security procedures as judged necessary to preserve the safety and welfare of individuals and property within the jurisdiction of this University.

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

SCHEDULE FOR OPENING

- Friday, May 15 Academic programs in Medicine, Dentistry and
Veterinary Medicine in full operation.
- Return of all instructional and research personnel.
- Open libraries.
- All clinics in full operation.
- Open Center for Tomorrow.
- Open Telecommunications Center.
- Sunday, May 17 Return of residence hall supervisory personnel
after 12 noon.
- Monday, May 18 Open all residence halls to receive students
starting at 8:00 a. m.
- Graduating students may counsel with their
instructors.
- Open Student Health Center.
- Resumption of all graduate programs and
professional programs in Law, Optometry,
and Pharmacy.
- Food service for dormitory residents available
starting with noonday luncheon.
- Tuesday, May 19 Resumption of all other academic programs and
the opening of all facilities.

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May 14, 1970 meeting, Board of Trustees

II. GENERAL RECOMMENDATIONS

A. Revisions of Rules 25.07, 35.03, 27.0701, 53.0705 and 49.03 and the Deletion of Rule 49.09 of Rules for the University Faculty

On April 14, 1970, the Faculty Council approved revisions in the Rules for the University Faculty, including the deletion of Rule 49.09 (see complete text of changes in Appendix VII, page 511).

The proposed changes in the existing Rules for the University Faculty as published in November, 1969, are as follows:

- (1) Rule 25.07 - repeals the requirement that a University Faculty meeting must be held each quarter during the academic year.
- (2) Rule 35.03 - permits final examinations for graduating seniors to be given during the regular examination period.
- (3) Rule 27.0701 and Rule 53.0705 - provides for full voting membership to the Graduate Student Representative on the Graduate Council.
- (4) Rule 49.03 - deletes the requirement that a student be in residence at the Columbus campus for three full time quarters as one of the requisites for the receipt of a degree from this University.
- (5) Rule 49.09 - deletes Rule 49.09 so as to make attendance at Commencement Exercises for graduating students optional.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty be approved by the Board of Trustees.

Upon motion of Mr. Harrod, 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.

B. Facilities to be Financed by the Ohio Public Facilities Commission

President Fawcett recommended that the following resolution be adopted:

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. The President and/or the Vice President for Business and Finance 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 or all of the projects for the University provided for by or pursuant to the appropriations made under Section 4 of Amended Substitute House Bill No. 531 enacted by the 108th General Assembly.

May 14, 1970 meeting, Board of Trustees

II. GENERAL RECOMMENDATIONS (continued)

B. Facilities to be Financed by the Ohio Public Facilities Commission (continued)

Section 2. This 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 bonds issued to finance such projects shall be outstanding.

Section 3. The Ohio State University, and this Board of Trustees in its behalf, agrees to undertake performance of the functions and responsibilities for a using governmental agency, and of a designated governmental agency to the extent it is such, as provided in the Regulations of the Ohio Public Facilities Commission and any applicable leases, agreements or rules of the Commission, with respect to the aforesaid projects.

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

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III. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the April 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 Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Appointments

Arliss L. Roaden, Vice Provost for Graduate Affairs and Dean of the Graduate School, effective July 1, 1970, at a salary of \$28,968.00 per annum.

Osborn Tucker Smallwood, Director of International Programs in the Office of Academic Affairs, effective July 1, 1970, at a salary of \$26,208.00 per annum. Dr. Smallwood will hold an appointment as Professor in the Department of Speech at No Salary.

Virgil E. Blanke, Assistant Dean, College of Education, effective July 1, 1970, at a salary of \$23,568.00 per annum.

James N. Rosenau, Professor, Department of Political Science, effective July 1, 1970, at a salary of \$27,168.00 per annum.

May 14, 1970 meeting, Board of Trustees

III. PERSONNEL CHANGES (continued)

B. 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:

Byron H. Nolte, Instructor (Extension Agricultural Engineer), effective June 16, 1970 through August 31, 1970, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Irving Abramowitz, Professor, College of Administrative Science - Management Science, effective July 1, 1970 through June 30, 1971, for consultation and research in business.

Paul E. Fertig, Professor, College of Administrative Science - Accounting, effective October 1, 1970 through June 30, 1971, to accept a Visiting Professorship at Virginia Polytechnic Institute.

Howard P. Fink, Professor, College of Law, effective October 1, 1970 through September 30, 1971, to be a Visiting Professor at the University of Illinois, College of Law.

Walter E. Mitchell, Jr., Professor, Department of Astronomy, effective October 1, 1970 through September 30, 1971, to do research in Solar Spectroscopy at Mount Wilson, Kitt Peak and Lowell Observatories.

Leo J. Raskind, Professor, College of Law, effective October 1, 1970 through June 30, 1971, to be a Visiting Professor at the University of Minnesota, College of Law.

Stuart S. Roberts, Professor, Department of Surgery, effective May 6, 1970 for a one-year tour of active military duty in Vietnam.

Thomas T. Stout, Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1970 through July 31, 1970, to do research in livestock marketing, U. S. Department of Agriculture, Economic Research Division.

May 14, 1970 meeting, Board of Trustees

III. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Peter Barth, Associate Professor, Department of Economics, effective October 1, 1970 through September 30, 1971, to accept a Brookings Institution Economic Policy Fellowship.

Bruce W. Marion, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1970 through August 15, 1970, for study and research at Harvard University.

Michael Dean Rose, Associate Professor, College of Law, effective October 1, 1970 through September 30, 1971, to be Staff Assistant to Chief Counsel for the Internal Revenue Service in Washington, D. C.

Jack P. Tull, Associate Professor, Department of Mathematics, effective October 1, 1970 through September 30, 1971, to continue as Visiting Professor at the University of Zambia.

J. Hayden Boyd, Assistant Professor, Department of Economics, effective October 1, 1970 through September 30, 1971, to accept a visiting appointment at the University of Rochester.

Jack E. Hathaway, Instructor, Veterinary Clinics, effective July 1, 1970 through June 30, 1971, to accept a grant from NIH to do graduate work.

Ana Llorens, Instructor, Library, effective May 1, 1970 through May 31, 1970, to complete requirements for master's degree in Hispanic literatures.

Sharon K. Myers, Instructor (County Extension Agent, Home Economics) Hocking County, effective June 16, 1970 through June 30, 1970, for personal reasons.

Marjorie Zimerla, Instructor, School of Nursing, effective April 1, 1970 through March 31, 1971, for personal reasons.

D. Emeritus Titles

Willard P. Ashbrook, School of Physical Education, with the title Professor Emeritus, effective July 1, 1970.

Glenn W. Blaydes, College of Biological Sciences - Botany, with the title Professor Emeritus, effective September 1, 1970.

Paul Bogatay, College of The Arts - Division of Art, with the title Professor Emeritus, effective September 1, 1970.

May 14, 1970 meeting, Board of Trustees

III. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Earle R. Caley, Department of Chemistry, with the title Professor Emeritus, effective September 1, 1970.

Edgar Dale, College of Education, with the title Professor Emeritus, effective July 1, 1970.

Richard W. Deeds, College of Dentistry, with the title Professor Emeritus, effective July 1, 1970.

Oliver D. Diller, College of Biological Sciences - Botany, with the title Professor Emeritus, effective July 1, 1970.

Earl P. Guth, College of Pharmacy, with the title Professor Emeritus, effective September 1, 1970.

David M. Harrison, Department of Economics, with the title Professor Emeritus, effective July 1, 1970.

Freeman S. Howlett, Department of Horticulture, with the title Professor Emeritus, effective July 1, 1970.

Martha N. Lewis, School of Allied Medical Professions, with the title Professor Emeritus, effective July 1, 1970.

Mary Jane Loomis, College of Education, with the title Professor Emeritus, effective July 1, 1970.

Arthur E. Luckhart, College of Dentistry, with the title Professor Emeritus, effective July 1, 1970.

William B. McBride, College of Education, with the title Professor Emeritus, effective September 1, 1970.

Glenn W. Miller, Department of Economics, with the title Professor Emeritus, effective November 1, 1970.

Kathryn N. Miller, University Library, with the title Professor Emeritus, effective July 1, 1970.

Mabel L. Spray, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1970.

Floyd S. Stahl, School of Physical Education, with the title Professor Emeritus, effective July 1, 1970.

George R. Staten, School of Physical Education, with the title Professor Emeritus, effective July 1, 1970.

May 14, 1970 meeting, Board of Trustees

III. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Milton B. Trautman, College of Biological Sciences - Zoology, with the title Professor Emeritus, effective July 1, 1970.

Ruth L. Wilkins, College of Administrative Science - Administration, with the title Professor Emeritus, effective July 1, 1970.

George M. Lawrence, Department of Electrical Engineering, with the title Assistant Professor Emeritus, effective July 1, 1970.

Florence B. Allen, Department of English, Mansfield Campus, with the title Instructor Emeritus, effective July 1, 1970.

Norman C. Arnold, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1970.

Eddie F. Kuester, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1970.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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May 14, 1970 meeting, Board of Trustees

IV. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
March 21, 1970 - April 24, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 358,434.00
Industrial and Other Research	1	1,000.00
<u>Grants</u>		
Government Research - Federal	13	563,750.00
Industrial and Other Research	8	<u>99,602.09</u>
Totals	32	\$1,022,786.09

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, Office of Education, Washington, D. C., Request for Support of Review of Research in Science and Mathematics Education (to be known as Office of Education Project No. 2228 - Amend. #6 - College of Education - Science and Mathematics Education).
Gross Value - \$4,801.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, Knudsen and Molecular Diffusion of Gases in Capillaries and Porous Solids Over Large Pressure Ranges (to be known as U. S. Atomic Energy Commission Project No. 2381-C - Mod. #2 - Department of Chemical Engineering).
Gross Value - \$29,649.00.
- c. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Conditions Leading to Spontaneous Ignition in Flowing Gas Mixtures (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2618 - Mod. #P003 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$12,785.00.

May 14, 1970 meeting, Board of Trustees

IV. 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. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2731 - Mod. #P006 - Research Foundation).
Gross Value - \$9,785.00.
- e. U. S. Department of the Army, Picatinny Arsenal, Dover, New Jersey, Develop Mathematical Models of Antennas (to be known as U. S. Department of the Army Project No. 2805 - Mod. #P003 - Department of Electrical Engineering).
Gross Value - \$10,000.00.
- f. U. S. Atomic Energy Commission, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as U. S. Atomic Energy Commission Project No. 2818-A - Mod. #1 - Department of Metallurgical Engineering).
Gross Value - \$34,979.00.
- g. Department of Transportation, Federal Highway Administration, Washington, D. C., Analysis of Fatigue and Fracture of Bituminous Paving Mixtures (to be known as Federal Highway Administration Project No. 2845 - Mod. #3 - Engineering Experiment Station).
Gross Value - \$27,900.00.
- h. Department of the 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 Air Force Institute of Technology Project No. 2855 - Mod. #3 - College of Administrative Science - Division of Continuing Education).
Gross Value - \$190,688.00.
- i. National Aeronautics and Space Administration, Washington, D. C., Development and Presentation of a Six Session, Eighty-Hour Training Course on Property Administration (to be known as National Aeronautics and Space Administration Project No. 3014-A1 - New - College of Administrative Science - Division of Continuing Education).
Gross Value - \$30,000.00.
- j. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Laurel, Maryland, Seasonal Movements and Population Fluctuations of Red-Winged Blackbirds in the Lake Erie Region (to be known as Bureau of Sport Fisheries and Wildlife Project No. 3016-A1 - New - College of Biological Sciences - Zoology).
Gross Value - \$7,847.00.

TOTAL - Government Research Contracts - Federal \$358,434.00

May 14, 1970 meeting, Board of Trustees

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

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Research Contract

- a. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Rudolph Edse (to be known as University of Dayton, Research Institute Project No. 3017-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$1,000.00.

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as National Institutes of Health Project No. 782-J - Ext. #10 - College of Biological Sciences - Biophysics). Gross Value - \$17,781.00.
- 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 National Institutes of Health Project No. 1451-H - Ext. #8 - Department of Pharmacology). Gross Value - \$41,441.00.
- 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 National Institutes of Health Project No. 1809-E - Ext. #6 - Department of Chemistry). Gross Value - \$20,072.00.
- 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 National Institutes of Health Project No. 1820-F - Ext. #6 - Department of Chemistry). Gross Value - \$52,875.00.
- 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 National Institutes of Health Project No. 2305-C - Ext. #3 - Department of Physical Medicine). Gross Value - \$21,813.00.

May 14, 1970 meeting, Board of Trustees

IV. 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, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Office of Education Project No. 2361 - Rev. #4 - College of Education).
Gross Value - \$90,000.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Gastrin in Normal and Abnormal Acid Secretion (to be known as National Institutes of Health Project No. 2606-B - Ext. #2 - Department of Surgery).
Gross Value - \$14,986.00.
- h. National Science Foundation, Washington, D. C., Nuclear Physics Research With a 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2759 - Amend. #2 - Department of Physics).
Gross Value - \$189,900.00.
- i. 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 National Institutes of Health Project No. 2791-A - Ext. #1 - College of Pharmacy).
Gross Value - \$13,882.00.
- j. National Science Foundation, Washington, D. C., Research Initiation - The Oscillation of Fluid-Filled, Finitely Strained Elastic Membranes (to be known as National Science Foundation Project No. 3011-A1 - New - Department of Engineering Mechanics).
Gross Value - \$15,000.00.
- k. National Science Foundation, Washington, D. C., Research Initiation - Optimum Data Allocation (to be known as National Science Foundation Project No. 3012-A1 - New - Department of Computer and Information Science).
Gross Value - \$15,000.00.
- l. National Science Foundation, Washington, D. C., Finite Group Theory (to be known as National Science Foundation Project No. 3018-A1 - New - Department of Mathematics).
Gross Value - \$20,000.00.

May 14, 1970 meeting, Board of Trustees

IV. 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. U. S. Department of Agriculture, Washington, D. C., The Chemical Factors Controlling the Feeding Response in the Smaller European Elm Bark Beetle (to be known as U. S. Department of Agriculture Project No. 3023-A1 - New - College of Pharmacy).
Gross Value - \$51,000.00.

TOTAL - Government Research Grants - Federal \$563,750.00

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 The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C701-027, C711-465 - Department of Surgery).
Gross Value - \$1,353.44.
- b. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C719-158, C722-125, C722-126, C723-551, C723-552 - Department of Surgery).
Gross Value - \$2,937.65.
- c. American Cancer Society, New York, New York, Cancer Research (to be known as American Cancer Society Project No. 3007-A1 - New - Department of Surgery).
Gross Value - \$35,000.00.
- d. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Determination of Malignancy of Cerebral Tumors Utilizing Fluorescence Microscopy (to be known as American Cancer Society, Ohio Division, Inc., Project No. 3013-A1 - New - Department of Surgery).
Gross Value - \$1,980.00.
- e. National Endowment for the Humanities, Washington, D. C., An Artist/Teacher's Program of Theatrical Enrichment (to be known as National Endowment for the Humanities Project No. 3015-A1 - New - College of Humanities - Comparative Literature).
Gross Value - \$17,091.00.

May 14, 1970 meeting, Board of Trustees

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

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

4. Industrial and Other Research Grants (continued)

- f. American Iron and Steel Institute, New York, New York, Reactions During Solidification of Fe-X-0-S Melts (to be known as American Iron and Steel Institute Project No. 3019-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$10,440.00.
- g. American Iron and Steel Institute, New York, New York, Vapor Pressures of Iron Alloys (to be known as American Iron and Steel Institute Project No. 3020-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$10,800.00.
- h. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as American Iron and Steel Institute Project No. 3021-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$20,000.00.

TOTAL - Industrial and Other Research Grants \$99,602.09

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

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

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$ 20,400.00
Industrial Research Contracts	<u>2</u>	<u>197,880.00</u>
Totals	3	\$218,280.00

During the period from March 20, 1970 through April 21, 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.

May 14, 1970 meeting, Board of Trustees

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

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

1. Government Research Contract

EES 361X A Study of Testing Variance in Size Distribution Analysis
of Coarse Aggregate, Ohio Department of Highways,
Columbus, Ohio.
Gross Value - \$20,400.00.

2. Industrial Research Contracts

EES 325X Load Profiles and Energy Requirements for Heating
Ext. #1 and Cooling Buildings, American Society of Heating,
Refrigerating, and Air Conditioning Engineers, Inc.,
New York, New York.
Gross Value - \$160,380.00.

EES 360X Basic Studies of Sonic Power Transmission Fluid
Systems, Champion Spark Plug Company, Toledo,
Ohio.
Gross Value - \$37,500.00.

TOTAL - Industrial Research Contracts \$197,880.00

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May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 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	\$2,723,945.00
Received Through The Ohio State University Development Fund	66,208.56

A. Administered Through the Office of Business and Finance

1. \$540,600.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for participation in the NDEA, Title IV Graduate Fellowship Program, for the period September 1, 1970 through August 31, 1971. (Award No. 437-003090)
2. \$465,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Special Project Grant (Physician Augmentation Program)," under the direction of the College of Medicine, for the period April 10, 1970 through June 30, 1971. (Grant No. 1 D08 ME 00110-01)
3. \$340,500.00 granted by Department of Health, Education and Welfare, Public Health Service, 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, 1970 through June 30, 1971. (Grant No. 5 E03 ME 00142-05)
4. \$327,500.00 granted by Department of Health, Education and Welfare, Public Health Service, 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, 1970 through June 30, 1971. (Grant No. 5 E03 ME 00378-05)
5. \$191,891.00 supplemental allocation granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for National Defense Student Loan Fund, pursuant to Title II, Public Law 85-864, for the period July 1, 1969 through June 30, 1970. (Obligation No. 450039)
6. \$172,208.00 granted by Department of Health, Education and Welfare, Public Health Service, 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, 1970 through June 30, 1971. (Grant No. 1 E03 ME 00526-01)

May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS (continued)

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

7. \$120,500.00 granted by Department of Health, Education and Welfare, Public Health Service, 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, 1970 through June 30, 1971. (Grant No. 5 E03 ME 00614-05)
8. \$109,200.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Doctorate Program for Leadership Development in Vocational Education," under the direction of the College of Education, for the period April 1, 1970 through June 30, 1971. (Grant No. OEG 0-70-1945)
9. \$98,822.00 granted by Department of Health, Education and Welfare, Public Health Service, 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, 1970 through June 30, 1971. (Grant No. 1 E03 ME 00455-01)
10. \$78,550.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Multimedia 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. 1 D10 NU 00469-01)
11. \$44,100.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, 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)
12. \$35,713.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry," under the direction of the College of Pharmacy, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 GM01949-02)
13. \$28,880.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "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, 1970 through March 31, 1971. (Grant No. 5 K03 HE13524-08)

May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS (continued)

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

14. \$27,600.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C. 20530, to the University for the Law Enforcement Education Program, under the direction of the Student Financial Aids Office, for the period July 1, 1969 through June 30, 1970. (Transaction No. 003090)
15. \$27,000.00 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, 1970 through February 28, 1971. (Grant No. 5 T02 HE05035-17)
16. \$25,380.00 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 Scholarships, under the direction of the Student Financial Aids Office, for the period July 1, 1969 through June 30, 1970. (Grant No. B 7 45 0430 15 1)
17. \$23,000.00 supplemental allocation 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, 1968 through August 31, 1970. (Grant No. 3 A11 NU 00029-13S3)
18. \$13,611.00 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, 1970 through June 30, 1971. (Grant No. 5 A04 AH 00022-02)
19. \$11,381.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," under the direction of the University Libraries, for the period January 1, 1970 through December 31, 1970. (Grant No. 5 G01 LM00190-04)
20. \$10,482.00 granted by National Science Foundation, Washington, D. C. 20550, 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, 1971. (GW-5528)
21. \$10,253.00 granted by National Science Foundation, Washington, D. C. 20550, 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, 1971. (GW-5412)

May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS (continued)

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

22. \$9,080.00 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 Health Professions Student Loan, under the direction of the Student Financial Aids Office, for the period July 1, 1969 through June 30, 1970. (Grant No. 1 7 45 0430 15 1)
23. \$4,987.00 supplemental allocation granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "ERIC Clearinghouse on Vocational and Technical Education," under the direction of The Center for Vocational and Technical Education, for the period March 1, 1970 through June 30, 1970. (Grant No. OEC-0-70-1214)
24. \$3,797.00 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 Scholarships, under the direction of the Student Financial Aids Office, for the period July 1, 1969 through June 30, 1970. (Grant No. G 7 45 0430 15 1)
25. \$3,410.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Conference for School Decision Makers on 'Man Made World,'" under the direction of the Department of Physics. This grant terminates on August 31, 1970. (GW-5389)

TOTAL - Administered Through the Office of Business and Finance -
\$2,723,945.00

B. Received Through The Ohio State University Development Fund

1. \$11,022.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.
2. \$10,000.00 from The Bremer Foundation, (In the name of Mrs. Marie Bremer), for The Bremer Foundation Fund in the College of Medicine.
3. \$10,000.00 from Grant Hospital, Columbus, Ohio, for the College of Medicine Emergency Fund.
4. \$5,000.00 from the Estate of Adah Wiseman for the Bruce K. and Adah V. Wiseman Fund.
5. \$4,741.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
6. \$3,000.00 from Alcoa Foundation for the Alcoa Foundation Scholarship Fund.

May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS (continued)

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

7. \$3,000.00 from American Institute of Real Estate Appraisers, Ohio Chapter No. 3, for the Real Estate Research Fund.
8. \$2,516.08 from The National Fund for Graduate Nursing Education for Graduate Nursing Education Fund.
9. \$2,235.15 from Antique Show Receipts, (In the name of Mrs. Jay L. Failer), for the Presidents Club Special Fund.
10. \$2,200.00 from Dayco Corporation, Dayton, Ohio, for the Dayco Corporation Research Fund for Mechanical Engineering.
11. \$2,000.00 from National Pest Control Association, Inc., to support research in the College of Biological Sciences.
12. \$2,000.00 from Robert F. Taylor for the Center for Tomorrow Fund.
13. \$1,575.00 from Mrs. Johannes F. Schwar for the Johannes F. Schwar Scholarship Fund.
14. \$1,500.00 from The Huntington National Bank (Trust Account No. 021 010 004) for the Young Americans for Freedom Fund.
15. \$1,405.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
16. \$1,014.33 from the Trust under the Will of Taine G. McDougal, (In the name of Taine G. McDougal), for the Taine G. McDougal Professorship in Engineering.
17. \$1,000.00 from Walter English, (In the name of Mrs. Marian Rose English), for the Food Industry Professorship Fund.
18. \$1,000.00 from The Resler Foundation, (In the name of Jack S. Resler), for the John B. Fullen Scholarship Fund.
19. \$1,000.00 from Mrs. Harold F. Zieg (Jessie Ruth) for the Ophthalmologic Center Fund.

TOTAL - Received Through The Ohio State University Development Fund -
\$66,208.56

May 14, 1970 meeting, Board of Trustees

V. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A Linde Plasmarc Cutting Machine from Cleveland Crane and Engineering Company, Wickliffe, Ohio, for use in the Department of Welding Engineering.

Upon motion of Mr. Eckley, seconded by Mr. Dunlap, 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.

D. Report from The Ohio State University Development Fund

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	662	\$405,457.23
Individuals other than alumni	196	77,572.59
Business concerns	32	34,404.21
Nonprofit organizations	<u>41</u>	<u>59,042.16</u>
	931	\$576,476.19

Of these gifts, 148 totaling \$2,499.65 were undesignated and 783 totaling \$573,976.54 were designated.

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VI. PLANS AND SPECIFICATIONS

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

A. University Hospital - Replacement of Main House Pump System

This project provides a new system with closely regulated hot and cold water pressure throughout the Hospital and will eliminate the present requirement for booster pumps to maintain adequate pressures for critical equipment on the upper floors.

Funds for this project have been provided from the Hospital Rotary and transferred to Budget Account 801216 (Hospital Air Conditioning).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above recommendation was unanimously approved by 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 were received, to proceed with the award of contract. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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May 14, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

A. University Hospital - Improvements to Selected Patient Areas
(Extension of Project)

On February 12, 1970, the Board of Trustees approved the award of contracts for the above named project. The bids were taken with many alternates in an effort to provide the Hospital with prices on doing the work on a schedule provided by the Hospital, such as working second shifts, and additionally in doing work in several other patient care areas of the Hospital. The purpose of this form of bid was to get prices which would provide the Hospital management with the opportunity to choose as much area as possible for the remodeling project, limited only to the amount of funds currently available.

The Hospital administration is now able to allocate additional funds to provide for the complete redecoration of 6 East and 8 East Nursing Station.

Therefore, the Board of Trustees is requested to approve the expansion of the project from a total of \$38,000.00 to \$82,294.00 together with the acceptance of the duly received and recorded bids thereon.

Funds for this project have been provided from the Hospital Rotary.

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. Olentangy River - Channel Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 4-7-70)		
George J. Igel & Company, Inc. (Cols.)	\$146,440.00	\$227,000.00

Funds for this project have been provided from Budget Account 801211 Olentangy Freeway Relocation.

C. Parking Lot West of Pedestrian Bridge

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 4-8-70)		
Farley Paving, Inc. (Cols.)	\$105,500.00	\$115,000.00

Funds for this project have been provided by a transfer from Budget Account 801214 (Parking, Pedestrian Bridge).

May 14, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Street and Curb Repairs, 1969-70

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-16-70)		
N. J. LeCrone Company (Cols.)	\$ 31,784.18	\$ 32,270.00

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

E. Ohio Stadium - Painting Steel Work for C Deck

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 4-17-70)		
J. A. T. Construction, Inc. (London, O.)	\$105,000.00	\$110,000.00

Funds for this project have been provided from Budget Account 999000
(Athletic Revenue Fund).

F. University Hospital - Renovation of 2nd Floor Radiology Rooms
229 to 265 Inclusive

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received 4-22-70)		
Robert H. Johns Company (Cols.)	\$ 13,267.00	\$ 18,000.00

Funds for this project have been provided from Budget Account 801218
(Hospital Radiology Area).

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

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May 14, 1970 meeting, Board of Trustees

VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

Ohio Board of Regents Requests

- 28 Approves the transfer and release of \$400,000.00 from Item 315-019 Mansfield Branch to Item 380-001 North Central Ohio Technical Institute - Equipment, H. B. 531, to provide funds to equip the technical building at the Mansfield Branch.
- 30 Approves the transfer and release of \$200,000.00 from Item 235-010 Ohio Board of Regents Architectural Planning Fund, to Item 315-077 Clinical Medical Sciences Educational Facility to provide funds for architectural planning.
- 33 Approves the transfer and release of \$500,000.00 from Item 315-018 Lima Branch, to Items 315-063 (\$5,461.00) Lima Technical Building for monies previously encumbered by the University and Item 388-001 (\$494,539.00) Penta County Technical Institute to provide funds to equip the technical building at the Lima Branch.
- 35 Approves the transfer and release of \$3,110,000.00 from Item 235-010 Ohio Board of Regents Architectural Planning and \$3,081,104.00 from Item 235-015 Ohio Board of Regents Utilities and Renovation to various accounts for several universities. The Ohio State University transfers are listed below:
- \$140,000.00 Item 315-068 College of Agriculture: lands, barns and teaching facilities
 - \$170,000.00 Item 315-067 University College, Phase III
 - \$ 40,000.00 Item 315-071 College of Optometry, Clinical facilities
 - \$250,000.00 Item 315-073 University Hall
 - \$120,000.00 Item 366-001 Agricultural Technical Institute, Wooster.
- All transfers were for architectural planning.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. University School, Renovation and Air Conditioning - Employment of Engineers

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

May 14, 1970 meeting, Board of Trustees

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

A. University School, Renovation and Air Conditioning - Employment of Engineers (continued)

The fee for this service is 6 per cent of the cost of the mechanical and electrical work and is estimated to be \$15,000.00. Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve), Budget Account 179999 (University Treasurer General Fund), and Item 315-074 (Utilities and Renovation), H. B. 531, to Budget Account 801140 (University School Remodeling).

B. University Hall Replacement - Employment of Architects

President Fawcett recommended that the firm of C. Curtiss Inscho and Associates, Columbus, Ohio, 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 will be calculated on the basis of the schedules of the Architect's Society of Ohio of the AIA. Funds for this project have been provided from Items 315-073 (University Hall) and 235-010 (Board of Regents - Architectural Planning), H. B. 531.

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

C. Marion Campus - State Route 95

WHEREAS, the Ohio Department of Highways has requested permission to widen and improve State Route 95 on lands fronting on the Marion Campus of The Ohio State University; and

WHEREAS, this additional land will permit the Ohio Department of Highways to widen State Route 95 to four continuous lanes, provide for a deceleration lane making a continuous right turn into the campus, and will provide for an improved entry way to the campus:

IT WAS RECOMMENDED that for the sum of \$5,375.00, the lands necessary for the above improvements be conveyed to the State of Ohio (The Department of Highways); and

IT WAS FURTHER RECOMMENDED 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 State Route 95.

May 14, 1970 meeting, Board of Trustees

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

D. Lima Campus Easement - Ohio Fuel Gas Company

The Ohio Fuel Gas Company has requested a gas line easement on State of Ohio lands that have been designated for the use of The Ohio State University, Lima Campus. The easement will provide for gas service to industry in the Lima, Ohio, area.

The standard easement charge as calculated by the Ohio Department of Public Works is \$1,080.00. The damages as calculated are \$1,365.00. The Ohio Fuel Gas Company agrees to pay to The Ohio State University, Lima Campus, \$2,445.00 for this easement.

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 gas line easement.

E. Lima Campus - Shell Oil Company Easement

On November 14, 1968, the Board of Trustees granted an easement to the Shell Oil Company across lands of The Ohio State University, Lima Campus, for the installation of a pipe line. The Department of Public Works of the State of Ohio advised that the Shell Oil Company does not wish to conclude said easement and respectfully requests that the Board of Trustees' action of November 14, 1968, be rescinded.

President Fawcett recommended that the Board rescind the action of November 14, 1968, pertaining to the granting of an easement to the Shell Oil Company on lands of The Ohio State University, Lima Campus.

It was further recommended that the President or Vice President for Business and Finance be authorized to notify the Director of Public Works, that the above mentioned Board action has hereby been rescinded.

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

F. Student Health Insurance

In accordance with the Board action taken involving student health insurance in September, 1957; April, 1958; February, 1966; and June, 1969, student health insurance has been revised. To meet the rapid inflation which is occurring in hospital and medical costs, and to continue to provide students a modern but controllable health insurance program to sufficiently meet these increased costs, important benefit improvements have been included within the Student Health Insurance Program for the 1970-71 policy year, as described in Exhibit A, on file with the records of the Board of Trustees. As a result of favorable claim experience under the Student Health Insurance Program during the current 1969-70 policy year, the benefit improvements are being made without any change in the current premium rates which will continue as follows:

May 14, 1970 meeting, Board of Trustees

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

F. Student Health Insurance (continued)

	<u>Existing Quarterly Premium Rates</u>
Student	\$12.00
Student and Spouse	26.00
Student, Spouse and Children	42.00

The benefit improvements have been selected after careful consideration of numerous alternatives by the University and its insurance consultants. This package of improvements reflects comments and suggestions received on reviewing the Student Health Insurance Program with student leaders.

It was moved by Mr. Hilliker and seconded by Mr. Dunlap that the President and/or Vice President for Business and Finance implement the above recommendations. The motion was approved by unanimous roll call vote.

G. College of Optometry Addition - Employment of Architects

President Fawcett recommended that the firm of Schooley Cornelius Associates 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 will be negotiated, based on the schedules of the Architect's Society of Ohio of the AIA. Funds for this project are provided from Item 315-071 (College of Optometry, Clinical Facilities), Item 235-010 (Board of Regents - Architectural Planning), and an anticipated Federal Grant.

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

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X. REPORT

A. Report on the University's Investment Portfolio

The report dated May 13, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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May 14, 1970 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 11, 1970, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

APPENDIX VII

Revisions of Rules 25.07, 35.03, 27.0701, 53.0705
and the Deletion of Rule 49.09 of Rules for the
University Faculty

Approved by Faculty Council
April 14, 1970

Adopted by Board of Trustees May 14, 1970
(See page 485)

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Revisions of Rules 25.07, 35.03, 27.0701, 53.0705 and 49.03 and
the Deletion of Rule 49.09 of Rules for the University Faculty

The Faculty Council on April 14, 1970, approved certain changes in Rules for the University Faculty as enumerated below:

- (1) Revisions of Rules 25.07, 35.03, 27.0701, 53.0705, 49.03 and
- (2) Deletion of Rule 49.09.

25.07. Meetings.

Meetings of the University Faculty shall be held as needed during the school year. These meetings shall be held on call of the President, either on his own motion or on request (a) of the Faculty Council or (b) of the University Faculty. The request of the Faculty Council shall be by action taken at any meeting of the Faculty Council. The request of the University Faculty shall be by petition signed by members of the University Faculty (see Rule 25.01) in a number equal at least to ten per cent of the total membership of the University Faculty. The President shall have a reasonable time to call the meeting after receiving the request.

For the purpose of Rules 25.07 and 25.09, this total membership of the University Faculty shall be determined as of the October 1 preceding the date on which the petition is filed.

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35.03. Examination Schedules.

Section 1. Scheduling of examinations in classes, the enrollment in which consists exclusively of students registered in the Colleges of Dentistry, Law, Medicine, Optometry, Pharmacy, or Veterinary Medicine shall be done by the administrative offices of these Colleges. All other examinations shall be centrally scheduled by the Office of the Registrar. Examination schedules prepared outside the Office of the Registrar shall, before publication, be cleared for time and room conflicts with the University Registrar who shall have power to resolve all such conflicts.

In performing its scheduling function the Office of the Registrar shall limit individual examinations to two-hour duration and the total examination period to five days; provided, however, that examinations in Deans' or Directors' survey courses shall be held during the last scheduled class hour, that examinations for the Summer Quarter shall be given during the final two scheduled class hours of each course, and that graduating seniors be examined in the regular examination period or at the time and in the mode fixed by their instructors.

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27.0701. Membership.

d. Representative from the Council of Graduate Students. A representative from the Council of Graduate Students shall sit with the Graduate Council as a member (see Rule 53.0705).

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Revisions of Rules 25.07, 35.03, 27.0701, 53.0705 and 49.03 and
the Deletion of Rule 49.09 of Rules for the University Faculty

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 Faculty Council, 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 except on the Faculty Council.

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49.03. Requirements for an Undergraduate Degree.

To obtain an undergraduate degree from this University an undergraduate student must:

- a. Have been enrolled in the College, the Colleges of the Arts and Sciences, or the School recommending that degree during the last two quarters of work necessary to complete the degree requirements. The Executive Committee of the College, the Colleges of the Arts and Sciences, or the School recommending the degree may waive this requirement to the extent of not more than one quarter's enrollment if the student has six quarters in full-time residence (to be in full-time residence in any quarter a student must be enrolled in courses carrying twelve or more quarter hours credit) at this University, including a minimum of forty-five quarter credit hours earned through regular course enrollment at this University during the junior and senior years.
- b. Have earned through regular course enrollment a minimum of forty-five quarter hours credit from this University.
- c. Have satisfactorily completed the number of credit hours required for the curriculum he is pursuing. The minimum number of credit hours required in each curriculum shall include the credit hours required under Rules 31.0701 and 31.0703; however, excuses granted under Rule 31.0705 shall not reduce the stated minimum number of credit hours required in the curriculum for a degree or a certificate. Credit hours are considered as "satisfactorily completed" only if the student has received, at this University, the mark A, B, C, D, EM, K, S, or PA in those hours (see Rule 35.07).
- d. Have earned credit points (see Rule 37.03) totaling at least twice the number of credit hours attempted at this University for which calculable grades (A, B, C, D, or E) were given.
- e. Have satisfactorily met all additional college and curricular requirements for the degree involved.
- f. Have filed an application for the degree in accordance with rules prescribed by the College or School.

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

Columbus, Ohio, May 25, 1970

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, John G. Ketterer, in a special meeting on Monday, May 25, 1970, at 9:30 a. m.

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

May 25, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Temporary Revisions of Rules 35.03 and 35.07 of Rules for the University Faculty

On May 20, 1970, the Faculty Council approved temporary revisions in the Rules for the University Faculty to apply for the Spring Quarter, 1970, only. (See complete text below.)

These temporary revisions in the existing Rules for the University Faculty as published in November, 1969, are as follows:

- (1) Rule 35.03 - addition to the rule to extend classes through final examination week.
- (2) Rule 35.07 - addition to the rule to provide students with the option of using a pass-fail grading system.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty be approved by the Board of Trustees.

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

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35.03. Examination Schedules.

Section 3. In order to provide a maximum educational experience during the Spring Quarter, 1970, regular classes shall be held during final examination week. Final examinations shall be limited to one hour and given during regularly scheduled class periods. The professional colleges are exempted from this action.

35.07. Marks.

Normal evaluation procedures are modified for the Spring Quarter, 1970. The undergraduate students, and graduate professional students in the Colleges of Law and Dentistry, shall have the option of receiving letter grades (A, B, C, etc.), or Pass/Non-Pass (PA/NP) grades for any or all courses.

Graduate students shall have the option of receiving letter grades (A, B, C, etc.), or Satisfactory/Unsatisfactory (S/U) grades for any or all courses.

Therefore, all restrictions concerning the student's selection and use of the Pass/Non-Pass and Satisfactory/Unsatisfactory Options in Rule 35.07 are waived for the Spring Quarter, 1970, only. Courses taken in this quarter

May 25, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Temporary Revisions of Rules 35.03 and 35.07 of
Rules for the University Faculty (continued)

35.07. Marks. (continued)

under the Pass/Non-Pass Option shall not be included in the total hours permitted under this rule. The responsibility for implementing this alteration shall rest with the Deans of the Colleges.

Graduate professional students in the Colleges of Medicine, Optometry, and Veterinary Medicine are exempted from these changes.

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Mr. Gibbs expressed the necessity for more direct Board involvement in campus issues, the need for a representative advisory body to the Board and also recommended, because of campus tension, that students with approval of the Faculty Council be given the option of taking a cumulative grade for the work presently completed and be allowed to leave and be granted full credit for the quarter.

Motion lost for want of a second.

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B. Establishment of Interim Disciplinary Policy

WHEREAS, the members of the University Committee on Discipline resigned May 20, 1970; and

WHEREAS, there is urgent need for a disciplinary system pending further changes in disciplinary rules, bodies and procedures; and

WHEREAS, the President did promulgate interim policies on May 21, 1970;

THEREFORE BE IT RESOLVED, that the following promulgation by the President be hereby ratified:

PROMULGATION

May 21, 1970, 9:00 a. m.

Pursuant to the authority conferred upon me as President by the Board of Trustees on May 14, 1970, and the authority on discipline under Rule 51.01, I hereby declare that:

1. Procedures of the University Committee on Discipline are suspended.
2. Resignations of members of the University Committee on Discipline are accepted as of May 20, 1970.

May 25, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of Interim Disciplinary Policy (continued)

3. An office of University Hearing Officer is established to stand in the place and stead of such University Committee on Discipline as it appears in the rules.
4. Appointments to the office of University Hearing Officer will be made by me, and such office is empowered to adopt rules of procedure for disciplinary cases brought before it.
5. The function of the office shall be to hear evidence, report findings, and make recommendations to the Vice President for Student Affairs (11. 1104) for final action.

Preceding the vote, Mr. Harrod received the assurance of President Fawcett that the University had neither capitulated nor granted amnesty to those involved in the recent disruption.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by eight affirmative votes and one negative vote cast by Mr. Gibbs.

C. Establishment of the Office for the Coordination of Minority Affairs

WHEREAS, this University continues to recognize its responsibility to provide educational opportunities for minority groups; and

WHEREAS, this University is determined to continue to develop positive programs to carry out this responsibility;

THEREFORE BE IT RESOLVED, that there is hereby created the Office for the Coordination of Minority Affairs under the Office of Academic Affairs and Provost without approval of any representation heretofore made; and

FURTHER BE IT RESOLVED, that through procedures already established and approved by this Board, there is hereby authorized the appointing of a Vice Provost for the Coordination of Minority Affairs and such programs and staff as appropriate only on the expressed approval of this Board, and that the Secretary be delegated to make the appropriate change in Rule 11. 1101.

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

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May 25, 1970 meeting, Board of Trustees

Thereupon the meeting adjourned.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

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

Columbus, Ohio, June 11, 1970

The Board of Trustees met at its regular monthly meeting on Thursday, June 11, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, William C. Safford, John H. Dunlap and M. Merle Harrod.

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Minutes of the last regular meeting (May 14, 1970) and the special meeting (May 25, 1970) were approved.

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June 11, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 12, 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 VIII, page 571.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, 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.

President Fawcett recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at the June 12, 1970, Commencement, with the exception of Dr. Chao, whose degree will be conferred on the occasion of his attendance at the Linguistics Institute to be held on this campus June 24, 1970:

Richard Bradfield	Doctor of Science
Yuen Ren Chao	Doctor of Humane Letters
Henry Steele Commager	Doctor of Letters
Thomas Carlyle Jones	Doctor of Science
Paul J. Flory	Doctor of Science
James A. Shannon	Doctor of Science
S. Fred Singer	Doctor of Science
J. Walter Severinghaus	Doctor of Humane Letters

It was recommended further 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 Robert H. Finch at the June 12, 1970, Commencement.

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

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates

The subsequent recommendations reference the action taken by this Board on July 31, 1969. 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. Senate Bill 297 passed by the 108th General Assembly mandates 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 Presidents Carson and Mount, 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, 1970. The schedule of rates is as follows:

	<u>Recommended Rates</u>	<u>Present Rates</u>
General Dormitories	\$365 per quarter	\$335 per quarter
Stadium Scholarship Dormitory	165 per quarter	155 per quarter
Jones Graduate Tower		
Single Room	195 per quarter	195 per quarter
Double Room (each occupant)	165 per quarter	165 per quarter
Buckeye Village		
One Bedroom Units	87 per month	82 per month
Two Bedroom Units	110 per month	92 per month

It was recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables and less than quarterly rates for residences in general conformity with the schedule of rates as established in the foregoing.

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

June 11, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Increase in the Instructional Fee

At the beginning of this present biennium a budget was developed for this University which could be accommodated within the funds appropriated by the 108th General Assembly and the student fee adjustments which this Board approved at their July 31, 1969 meeting.

Since this time, however, inflationary pressures as well as mandated civil service increases, increased fringe benefits to our employees at the lower income levels, unanticipated security costs and damage repair, and several high priority new programs have necessitated a reassessment of the available resources and projected allocations. In the process of this review every effort was made to eliminate all but the essential commitments in an effort to live within our present resources level. While a number of substantial cutbacks were effected, it was still not possible to sustain our commitments without additional resources. To put the proposed 1970-71 budget of the University into balance, the President therefore recommended:

That the Instructional Fee for The Ohio State University be increased \$10 per quarter for the Main Campus and the Branches effective Autumn Quarter 1970. (See Schedule of Student Fees, page 529.)

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

President Fawcett made the following comments pertaining to the recommended current funds budget for the 1970-71 fiscal year:

Mr. Chairman and Members of the Board:

The current funds budget for the second year of the biennium, 1970-71, has been reviewed in considerable detail with you and is presented this morning for your official consideration. The budget totals \$228 million and represents an increase from estimated expenditure levels of \$217 million for 1969-70. The difference is \$11 million - or an increase of 5 percent. It is presented at a time when we estimate that nearly 46,000 students will be enrolled on the Main Campus at the beginning of the Autumn Quarter of 1970. This figure represents a drop in freshman enrollment as we begin to bring our registrations within the limits set in Amended Substitute House Bill No. 531 passed by the 108th General Assembly of Ohio. Despite its size this budget is an austere one. Inflation has been markedly higher than we estimated more than two years ago during budget forecasting for 1969-71. Also costs of new programs in response to new problems and of damages resulting from disruptions have had to be absorbed. This budget does anticipate a \$10/quarter fee increase in the Instructional Fee. This increase works no

Schedule of Student Fees, Effective Autumn Quarter, 1970

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$170	\$40	\$210	\$350	\$560
Agriculture and Home Economics	170	40	210	350	560
Arts and Sciences					
The Arts	170	40	210	350	560
Biological Sciences	170	40	210	350	560
Humanities	170	40	210	350	560
Mathematics and Physical Sciences	170	40	210	350	560
Social and Behavioral Sciences	170	40	210	350	560
Education	170	40	210	350	560
Engineering	170	40	210	350	560
Graduate School	170	40	210	350	560
Dentistry	290	40	330	350	680
Dental Hygiene	218	40	258	350	608
Law	205	40	245	350	595
Medicine*	310	40	350	350	700
School of Allied Medical Professions	170	40	210	350	560
School of Nursing	170	40	210	350	560
Optometry	208	40	248	350	598
Pharmacy	176	40	216	350	566
Veterinary Medicine	210	40	250	350	600
University College	170	40	210	350	560
University Branches	160	25	185	350	535

*Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth-year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1970-71 academic year shall be \$1,050.00 for resident students and \$2,100.00 for non-resident students.

Part-time students (those enrolled for six or less credit hours or enrolled for one term of a Summer Quarter), 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.

I. GENERAL RECOMMENDATIONS (continued)

President Fawcett's Comments (continued)

hardship on the economically underprivileged because of the educational grants program. The recommendation does not contain any increase in the General Fee. This increase will probably be less than and in a few cases only equal to the general trend across the country for fee increases.

As a part of the total current funds budget, the instructional and general budgets will increase \$5.7 million or about 5 percent. The major components are:

Personnel Services

Increased workloads and merit increases	\$2.8 M	4.3%
New programs	3.0 M	4.7%
<u>Operating and Equipment</u>	0.9 M	2.0%

The details are contained in the 1970-71 current funds budget document.

E. Budgets for the 1970-71 Fiscal Year

The expenditure budgets being proposed for the fiscal year 1970-71 represent an increase of 5 percent over the level of expenditures of the current year. While this current level is substantially above the original estimate for 1969-70 it should be recalled that at the time that budget was approved by this Board, the General Assembly had not passed an appropriation act nor had the fee level been established. Because of the uncertainties of these support levels a conservative level of expenditure was projected. As additional resources became available during the year, it was possible to fund planned priority needs of this University.

The estimates of available resources and expenditure budgets for the second year of the biennium have traditionally been closer to the actual expenditure levels than the first year because of fewer uncertainties inherently present at this period in a biennium. However, it should be understood that in spite of our best efforts, including the use for the third consecutive year of the advanced techniques of programmed budgeting in developing these budgets, that month-to-month adjustments will be necessary during this coming year; and accordingly the usual authority will be requested for making such adjustments as necessary and desirable.

And finally, as was mentioned in the previous recommendation pertaining to fees, several extraordinary circumstances have placed a considerable strain upon the budgets for this coming year. However, with the modest Instructional Fee increase and with the reordering of priorities, the following budgets should be adequate to the task:

June 11, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Budgets for the 1970-71 Fiscal Year (continued)

	1969-70 Original Budget	1969-70 Final Estimates	1970-71 Budget
<u>General Budgets</u>			
Personnel Services	\$ 70,474,027	\$ 73,358,795	\$ 81,428,298
Operating and Equipment	19,935,945	20,757,406	21,651,710
Student Services	2,875,000	2,716,500	1,000,692
Fee Waivers	5,353,500	5,875,000	6,250,000
All Other	3,795,911	3,665,580	1,671,690
Total	<u>\$102,434,383</u>	<u>\$106,373,281</u>	<u>\$112,002,390</u>
<u>Branch Campuses</u>	<u>\$ 2,970,800</u>	<u>\$ 3,603,300</u>	<u>\$ 4,313,840</u>
<u>Restricted Budgets</u>			
Endowments	\$ 550,000	\$ 500,000	\$ 525,000
Federal Grants/ Contracts	13,200,000	13,650,000	13,650,000
Ohio Grants/Contracts	1,300,000	1,300,000	1,325,000
Private Grants/ Contracts	3,550,000	3,369,000	3,600,000
*Research Foundation	17,500,000	17,500,000	17,100,000
**All Other	1,359,000	1,512,000	1,607,000
Total	<u>\$ 37,459,000</u>	<u>\$ 37,831,000</u>	<u>\$ 37,807,000</u>
<u>Rotary and Auxiliary Budgets</u>			
Cooperative Extension	\$ 7,540,000	\$ 8,850,000	\$ 9,200,000
University Hospitals	25,105,825	31,000,000	34,100,000
University Dormitories	9,553,330	9,700,000	10,748,000
Intercollegiate Athletics	3,800,000	3,700,000	3,464,000
Departmental Earnings	5,520,000	5,550,000	5,600,000
University Services	3,280,000	2,300,000	2,400,000
All Other	7,900,000	7,950,000	8,275,000
Total	<u>\$ 62,699,155</u>	<u>\$ 69,050,000</u>	<u>\$ 73,787,000</u>
<u>Grand Total</u>	<u>\$205,563,338</u>	<u>\$216,857,581</u>	<u>\$227,910,230</u>

*Includes Research Foundation Operating Budget of \$1,184,134 for 1969-70 and \$1,374,110 for 1970-71, as approved by the Board of Directors of The Ohio State University Research Foundation on April 17, 1970.

**Includes Mershon Center for Education in National Security, Development Fund, and Conferences.

June 11, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Budgets for the 1970-71 Fiscal Year (continued)

The University Treasurer projects that these expenditure budgets can be supported by the following estimated sources of income:

State Subsidy - Main Campus (a)	
Instruction	\$ 55,763,950
Student Fees - Normal	37,500,000
Fee Increases - Main Campus	1,350,000
Other General Income	16,125,509
Use of Balances	1,262,931
	<u>\$112,002,390</u>
Branch Campuses - All Sources	4,313,840
Departmental Earnings	5,600,000
University Services	2,400,000
Auxiliary Operations	65,787,000
Restricted Funds	20,707,000
	<u>\$210,810,230</u>
Research Foundation	17,100,000
Total	<u>\$227,910,230</u>

- (a) H. B. 531 shows \$54,613,950 plus \$1,350,000 out-of-state allowance: Less \$200,000 owed to Branch Campuses for upper division credits.

President Fawcett recommended that the expenditure budgets above and the supporting statements for the foregoing summary figures as reviewed by the Board of Trustees be approved subject to increases or decreases in expenditure levels commensurate with income, and that the Secretary be instructed to file detailed budget statements for the fiscal year 1970-71 with the official records of the University.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees approved the said budgets for the 1970-71 fiscal year by unanimous roll call vote.

President Fawcett made the following statement regarding the new rules with respect to campus disruption:

At a meeting of the Faculty Council on June 9, 1970, action was taken to propose replacement of Rules 29.2725, 51.03 and 51.05 with new Rules 29.2725 and 51.03.

Copies of these actions were forwarded to members of the Board of Trustees last week with the agenda for the meeting today.

The Committee on Rules of the Faculty Council reported out Rules 29.2725 and 51.03, June 9, 1970, after having made only very slight changes in the proposals that were forwarded to you. Faculty Council approved the new rules as set forth on page 535, requested

June 11, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

President Fawcett's Statement (continued)

that I transmit them to the Board of Trustees for consideration today and took a subsequent action to permit students who are alleged to have violated University Rules on disruption, during recent weeks, the option of having hearings under the old or the new rules.

On May 20, 1970, the Faculty Council took an action to set aside the procedures under the existing rules and instructed the Council on Student Affairs to bring forth new rules on this subject by June 2, 1970. Following that action the University Discipline Committee resigned. The next day, under authority vested in me by the Board, I promulgated new procedures based upon the old rules which involved the establishment of a Hearing Office and the appointment of a Hearing Officer.

While the new rules may have much of merit in them, it is my personal view that students who are alleged to have engaged in disruption and/or violence on this campus since early March should be heard under the old rules by a Hearing Officer appointed by me and that these cases should be disposed of as rapidly as charges can be developed or as cases are heard in the courts.

Amended House Bill 1219 has now passed the General Assembly and will become law within 90 days after it is signed by the Governor. To avoid further confusion and to handle interim cases as rapidly as possible, I wish to make the following recommendation:

F. Disruption Rules

Upon the recommendation of Faculty Council, the proposed revised Disruption Rules 29.2725 and 51.03, see page 535, which would replace the present Rules 29.2725, 51.03 and 51.05, are being presented to this Board for appropriate action.

Since any action involving changes in these Rules must take into consideration pending legislative action as well as the necessity for the University to proceed promptly with all accumulated cases, President Fawcett recommended that:

1. A Hearing Officer be appointed and that hearings for students identified as having engaged in disruption proceed as rapidly as possible under the existing Rules.
2. The revised Disruption Rules 29.2725 and 51.03 recommended by Faculty Council by action of June 9, 1970, be recommitted to Faculty Council for such redrafting as may be appropriate in light of the proposed State legislation on disruption.

June 11, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Disruption Rules (continued)

Mr. Harrod suggested that it is time to consider some basic facts concerning the disruption rules. He referred to the Amended Substitute Senate Bill 468 which was passed and signed by the Governor in 1968 and quoted two paragraphs from Section 3345.21 of the Revised Code of Ohio. Pursuant to this act, The Ohio State University established rules with respect to disruption. Mr. Harrod indicated that he favored no change in these regulations.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 14, 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 Appointment, Leave of Absence Without Salary and Emeritus Titles:

A. Appointment

Charles O. Ross, Chairman, Black Studies division, effective July 1, 1970, at a salary of \$20,088.00 for nine months. He will also hold the title Associate Professor in the School of Social Work at no salary.

Mr. Dunlap moved and Mr. Shocknessy seconded the motion that this recommendation be approved. Messrs. Shocknessy, Dunlap and Ketterer cast affirmative votes and Messrs. Jones, Safford and Harrod cast negative votes. Mr. Ketterer declared the motion lost.

B. Leave of Absence Without Salary

Ann Helburn, Instructor, University Library, effective June 1, 1970 through June 30, 1970, to travel.

C. Emeritus Titles

Merton D. Oyler, College of Social and Behavioral Sciences - Sociology, with the title Professor Emeritus, effective July 1, 1970.

Joseph Vogel, College of Humanities - English, with the title, Instructor Emeritus, effective July 1, 1970.

Upon motion of Mr. Jones, seconded by Mr. Harrod, the Leave of Absence Without Salary, Emeritus Titles, Promotions in Rank for 1970-71 and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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June 11, 1970 meeting, Board of Trustees

Disruption Rules

At its meeting on June 9, 1970, Faculty Council passed the following Rule changes and requested that they be forwarded to the Board of Trustees for consideration at its June meeting.

These proposed changes in the Rules for the University Faculty as published in November, 1969, replace Rules 29.2725, 51.03 and 51.05.

- (1) Rule 29.2725 - provides for the establishment of Hearing Officers and panels to implement Rule 51.03.
- (2) Rule 51.03 - defines the jurisdiction of the University regarding student disruption, the sanctions to be applied, and the provision for hearings on individual cases.

The proposed rules are as follows:

29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall establish and maintain 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 Council on Student Affairs 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 Council on Student Affairs' 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 Student Affairs 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.

Disruption Rules (continued)

29.2725. Hearing Officers and Panels. (continued)

Section 2. The Council on Student Affairs shall appoint an array of Hearing Panelists consisting of:

- (a) faculty members, on the advice and consent of the Faculty Council;
- (b) undergraduate students, on the advice and consent of the Undergraduate Student Assembly;
- (c) graduate students, on the advice and consent of the Council of Graduate Students;
- (d) professional students, on the advice and consent of the Professional College Council.

The Chief Hearing Officer shall randomly select from the array Hearing Panels, each composed of three faculty members, two undergraduate students, and one graduate or professional student. 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.

51.03. Student Disruption.

Section 1. Students, as members of the University community, are expected to observe all valid and applicable city ordinances and state and federal statutes. The University distinguishes its responsibilities for student conduct from the control functions of the wider community. Except in those extraordinary cases under section five, *infra*, the University shall not initiate or exercise jurisdiction or disciplinary sanctions when public prosecution is anticipated or under way.

Section 2. The University may apply sanctions or take appropriate action for the breach of a valid city ordinance, or state or federal statute, only when the student's conduct, individually or by joining with others, directly and significantly interferes with the University's:

- (a) primary educational responsibility of ensuring the opportunity of all members of the University community to attain their educational objectives, or
- (b) subsidiary responsibilities of protecting the health and safety of persons in the University community, maintaining and protecting property, keeping records, providing living accommodations and other services, and sponsoring non-classroom activities such as lectures, concerts, athletic events, and social functions.

Disruption Rules (continued)

51.03. Student Disruption. (continued)

Section 3. Sanctions which may be imposed for conduct subject to University action under section two shall include one or more of the following:

- (a) disciplinary dismissal;
- (b) disciplinary suspension;
- (c) University disciplinary probation;
- (d) probation to the Dean of Students;
- (e) restriction on the use of designated University facilities or participation in specific University activities;
- (f) admonition and warning.

Section 4. A finding, after hearing, that the terms of disciplinary sanctions have been violated may be grounds for further disciplinary action by the University.

Section 5. In extraordinary cases where (a) there is substantial likelihood that a student may be found to have violated Rule 51.03, section 2, and (b) there is a clear and present danger of repeated or continued violation, and (c) the remedies available in pending or anticipated civil proceedings are inadequate protection, the University may, following a temporary hearing at which such facts are proved, order temporary suspension or probation:

- (a) pending final adjudication of civil proceedings; or
- (b) at the option of the student, pending a prompt and full hearing on the merits prior to the completion of civil proceedings; or
- (c) until such time that the clear and present danger of repeated or continued violation no longer exists.

June 11, 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
April 25, 1970 - May 22, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$393,257.00
Industrial and Other Research	2	13,000.00
<u>Grants</u>		
Government Research - Federal	19	516,146.00
Industrial and Other Research	3	<u>20,212.00</u>
Totals	35	\$942,615.00

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

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Office of Education Project No. 2228 - Mod. #7 - College of Education - Science and Mathematics Education).
Gross Value - \$11,938.00.
- b. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on the Pharmacology of TVOPA (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2828 - Mod. #P003 - Department of Preventive Medicine).
Gross Value - \$9,000.00.
- c. U. S. Army, White Sands Missile Range, N. M., Oakland, California, Infrared Line Shape Study Using a Tunable Laser (to be known as White Sands Missile Range Project No. 2834 - Mod. #P001 - Department of Electrical Engineering).
Gross Value - \$19,969.00.

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 Cancer Institute, Bethesda, Maryland, Use of Radioiodine-Labelled Antibody Techniques to Studies on Viral Induced Tumors (to be known as National Institutes of Health Project No. 2854 - Mod. #2 - Department of Veterinary Pathology).
Gross Value - \$80,000.00.
- e. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, High Temperature Electrochemical Research in Metallurgy (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2932 - Mod. #P001 - Department of Metallurgical Engineering).
Gross Value - \$66,277.00.
- f. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2989 - New - Department of Electrical Engineering).
Gross Value - \$69,000.00.
- g. Department of the Navy, Office of Naval Research, Washington, D. C., Alloy Corrosion (to be known as Office of Naval Research Project No. 3003-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$30,000.00.
- h. National Aeronautics and Space Administration, Hampton, Virginia, Theoretical Study of Radar Return and Radiometric Emission from the Sea (to be known as National Aeronautics and Space Administration Project No. 3030-A1 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- i. Department of Army, U. S. Army Research Office - Durham, Durham, North Carolina, Luminescent Material Preparation and Spectroscopy (to be known as U. S. Army Research Office - Durham Project No. 3032-A1 - New - Department of Electrical Engineering).
Gross Value - \$59,706.00.

June 11, 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)

- j. Department of the Navy, Office of Naval Research, Washington, D. C.,
Physical Fitness Training (to be known as Office of Naval Research
Project No. 3039-A1 - New - School of Physical Education).
Gross Value - \$17,367.00.

TOTAL - Government Research Contracts - Federal \$393,257.00

2. Industrial and Other Research Contracts

- a. Industrial Sponsor, Cincinnati, Ohio, Study of Dental Calculus
(to be known as Industrial Sponsor Project No. 2070 - Mod. #9 -
College of Dentistry).
Gross Value - \$6,000.00.
- b. Jet Propulsion Laboratory, Pasadena, California, Principal
Investigator Activities for the Nimbus-F Near Infrared Multi-
detector Grating Spectrometer Experiment (to be known as
Jet Propulsion Laboratory Project No. 3035-A1 - New -
Department of Physics).
Gross Value - \$7,000.00.

TOTAL - Industrial and Other Research Contracts - \$13,000.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service,
National Institutes of Health, National Cancer Institute, Bethesda,
Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known
as National Institutes of Health Project No. 759-L - Ext. #12 -
Department of Chemistry).
Gross Value - \$10,166.00.
- b. Department of Health, Education and Welfare, Public Health Service,
Prevention and Environmental Control of Diseases, Bethesda,
Maryland, Mechanisms of Photochemically Initiated Oxidation
(to be known as Prevention and Environmental Control of Diseases
Project No. 1220-J - Ext. #9 - Department of Chemistry).
Gross Value - \$12,553.00.
- c. Department of Health, Education and Welfare, Public Health Service,
Consumer Protection and Environmental Health Service, Bethesda,
Maryland, Mercaptocyclopropylamines Radiation-Protective Agents
(to be known as Consumer Protection and Environmental Health
Service Project No. 2460-C - Ext. #6 - College of Pharmacy).
Gross Value - \$11,618.00.

June 11, 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)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Induction of Tolerance in the Adult Mouse and Dog (to be known as National Institutes of Health Project No. 2662-B - Ext. #2 - Department of Surgery).
Gross Value - \$31,166.00.
- e. 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 National Institutes of Health Project No. 2774-A - Ext. #1 - College of Optometry).
Gross Value - \$16,648.00.
- f. 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 National Institutes of Health Project No. 2793-A - Ext. #1 - Department of Chemistry).
Gross Value - \$42,320.00.
- g. 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 National Institutes of Health Project No. 2811-A - Ext. #1 - Department of Chemistry).
Gross Value - \$20,906.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Neuropharmacology of Pituitary ACTH Regulation (to be known as National Institutes of Health Project No. 2814-A - Ext. #1 - Department of Pharmacology).
Gross Value - \$14,857.00.
- i. 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 National Institutes of Health Project No. 2815-A - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$23,159.00.

June 11, 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, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Systolic Intervals in Acute Myocardial Infarction (to be known as National Institutes of Health Project No. 2830-A - Ext. #1 - Department of Medicine).
Gross Value - \$24,204.00.
- 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 National Institutes of Health Project No. 2837-A - Ext. #1 - College of Pharmacy).
Gross Value - \$11,459.00.
- l. 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 National Institutes of Health Project No. 2843-A - Ext. #1 - College of Pharmacy).
Gross Value - \$15,967.00.
- m. U. S. Department of Labor, Manpower Administration, Washington, D. C., A Cost-Benefit Study of Higher Education Received Under the World War II GI Bill (to be known as Manpower Administration Project No. 3022-A1 - New - Department of Economics).
Gross Value - \$12,687.00.
- n. Department of Army, U. S. Army Research Office - Durham, Durham, North Carolina, Early Stages of Phase Transformation (to be known as U. S. Army Research Office - Durham Project No. 3025-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$49,751.00.
- o. National Science Foundation, Washington, D. C., Chemistry of Metal Carbonyls (to be known as National Science Foundation Project No. 3026-A1 - New - Department of Chemistry).
Gross Value - \$60,800.00.
- p. National Science Foundation, Washington, D. C., Dynamics and Chemical Behavior Chemistry of Carbanions (to be known as National Science Foundation Project No. 3027-A1 - New - Department of Chemistry).
Gross Value - \$60,400.00.

June 11, 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)

- q. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as National Science Foundation Project No. 3028-A1 - New - Department of Chemistry).
Gross Value - \$48,300.00.
- r. National Science Foundation, Washington, D. C., Analysis of Plateau Micrometeorological Tower Data (to be known as National Science Foundation Project No. 3029-A1 - New - Institute of Polar Studies).
Gross Value - \$41,300.00.
- s. 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 National Institutes of Health Project No. 3034-A1 - New - College of Pharmacy).
Gross Value - \$7,786.00.

TOTAL - Government Research Grants - Federal \$516,146.00

4. Industrial and Other Research Grants

- a. Organization for Tropical Studies, Inc., South Miami, Florida, Systematic and Ecological Studies in the Aquatic Plant Genus *Pontederia L* (to be known as Organization for Tropical Studies, Inc., Project No. 3031-A1 - New - College of Biological Sciences - Botany).
Gross Value - \$1,250.00.
- b. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as American Heart Association, Inc., Project No. 3036-A1 - New - Department of Physiological Chemistry).
Gross Value - \$13,200.00.
- c. National Endowment for Humanities, Washington, D. C., Hilander Microfilm Project (to be known as National Endowment for Humanities Project No. 3037-A1 - New - Department of Slavic Languages and Literatures).
Gross Value - \$5,762.00.

TOTAL - Industrial and Other Research Grants \$20,212.00

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.

June 11, 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

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$20,400.00
Industrial Research Contract	<u>1</u>	<u>8,800.00</u>
Totals	2	\$29,200.00

During the period from April 22, 1970 through May 25, 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 Contract

EES 361X A Study of Testing Variance in Size Distribution
Analysis of Coarse Aggregate, Ohio Department of
Highways, Columbus, Ohio.
Gross Value - \$20,400.00.

2. Industrial Research Contract

EES 362X Atmospheric Influences on Ground Coat Sheet Steel
Enamels, Columbia Gas System Service Corporation,
Columbus, Ohio.
Gross Value - \$8,800.00.

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June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 14, 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	\$2,236,410.83
Received Through The Ohio State University Development Fund	119,393.22

A. Administered Through the Office of Business and Finance

1. \$500,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the College Work-Study Program, for the period July 1, 1970 through December 31, 1970. (NIH Grantee Account No. 766505)
2. \$298,900.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for Educational Opportunity Grants, for the period July 1, 1970 through June 30, 1971. (NIH Vendor No. 766505)
3. \$223,766.00 granted by Department of Health, Education and Welfare, Regional Office, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for construction of Allied Medical Professions Building. This grant is made under Title I of the Higher Education Facilities Act. (Project No. 4-5-00544-0)
4. \$155,994.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Training Grant," under the direction of College of Optometry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 D08 ME 02004-03)
5. \$143,649.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the School of Allied Medical Professions, for the period April 15, 1970 through April 14, 1971. (Grant No. 5 E01 AH 00606-04)
6. \$134,200.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the preparation of teachers of mentally retarded, speech and hearing and visually handicapped, under the direction of the College of Education and the Department of Speech, for the period June 1, 1970 through August 31, 1971. (Grant No. OEG-0-70-3103)

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$101,799.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 A02 AH 00010-04)
8. \$92,225.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 NS05397-08)
9. \$61,574.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 NS05529-05)
10. \$61,006.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 HE05546-10)
11. \$58,207.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Mental Retardation Training Program - Core Group," under the direction of the College of Medicine - Mental Retardation Training Program, for the period August 1, 1970 through July 31, 1971. (Grant No. 5 T15 MR 06013-04)
12. \$53,220.83 granted by U. S. Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C., to the University for "Multidisciplinary Training in Water Pollution Control," under the direction of the College of Biological Sciences - Organismic and Developmental Biology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5T1-WP-219-02)
13. \$49,677.00 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 College of Biological Sciences - Entomology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 AI00216-10)
14. \$47,796.00 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, 1970 through June 30, 1971. (Grant No. 5 T01 AM05118-14)

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$46,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Academic Advisor Internship Program," under the direction of University College, for the period April 6, 1970 through October 31, 1971. (Grant No. OEG-0-70-2017)
16. \$35,345.00 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 University Libraries, for the period April 30, 1970 through June 30, 1971. (Grant No. OEG-0-70-6401)
17. \$28,004.00 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, 1970 through June 30, 1971. (Grant No. 5 T12 HE05786-04)
18. \$27,200.00 supplemental allocation granted by United States Atomic Energy Commission, Washington, D. C., to the University for five graduate-level trainees, under the direction of the Department of Mechanical Engineering (Nuclear Engineering), for the period ending August 31, 1971. (Contract No. AT-(40-1)-3892, Modification No. 1)
19. \$25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the preparation of teachers for the trainable mentally retarded, under the direction of the College of Education, for the period June 1, 1970 through August 31, 1971. (Grant No. OEG-0-70-3393)
20. \$24,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Residency in General Preventive Medicine," under the direction of the Department of Preventive Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 1 A08 AH 00080-01)
21. \$20,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Special Project Planning Grant in Physical Education and Recreation," under the direction of the School of Physical Education, for the period June 1, 1970 through August 31, 1971. (Grant No. OEG-0-70-3202)
22. \$14,999.00 supplemental allocation by Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., to the University for "Computer Applications to Local ERIC Clearinghouse Document Collections," under the direction of the Center for Vocational and Technical Education, for the period April 15, 1970 through December 31, 1970. (Grant No. OEC-0-70-1214)

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$8,685.00 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 Health Professions Student Loan, under the direction of the Student Financial Aids Office, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 7 45 0430 15 1)
24. \$8,679.00 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, 1970 through February 28, 1971. (Grant No. 5 G01 LM00684-02)
25. \$6,341.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Nursing Traineeship Grant - Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 A05 AH 00537-06)
26. \$3,244.00 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 University Libraries - Lima Campus, for the period April 30, 1970 through June 30, 1971. (Grant No. OEG-0-70-6402)
27. \$3,200.00 granted by National Science Foundation, Washington, D. C., to the University for purchase of Instructional Scientific Equipment, under the direction of the Department of Geology, for the period July 1, 1970 through July 31, 1972. (GY-7722)
28. \$3,200.00 granted by National Science Foundation, Washington, D. C., to the University for purchase of Instructional Scientific Equipment, under the direction of the Department of Astronomy, for the period July 1, 1970 through July 31, 1972. (GY-7863)

TOTAL - Administered Through the Office of Business and Finance
\$2,236,410.83

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$16,300.00 from Eli Lilly and Company, Indianapolis, Indiana--
\$11,300.00 for the Infectious Disease Research Fund and \$5,000.00
for the Medical Microbiology Research Fund.
2. \$10,500.00 from The Dispatch Printing Company, Columbus, Ohio--
\$5,425.00 for the School of Journalism Director's Fund, \$4,200.00
for the Columbus Dispatch Journalism Scholarship Fund and \$925.00
for the Journalism High School Relations Fund.
3. \$10,500.00 from Charles Pfizer & Company, Inc., New York, New York,
for the Infectious Disease Research Fund.
4. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the
G. D. Searle & Company Research in Medicine Fund.
5. \$10,000.00 from N. V. Philips-Duphar, Amsterdam, Netherlands,
for the Philips-Duphar Research Fund.
6. \$10,000.00 from Union Carbide Corporation, New York, New York--
\$5,000.00 for the Union Carbide Fellowship in Chemistry and \$5,000.00
for the Union Carbide Corporation Fellowship in Welding Engineering.
7. \$7,266.25 from Mr. David Cheses, Columbus, Ohio, for the Elvin F.
Donaldson Fund.
8. \$6,500.00 from Central Ohio Breeding Association--\$3,500.00 for the
Animal Science Special Fund and \$3,000.00 for the Dairy Science
Breeding Research Fund.
9. \$5,188.32 from the William H. Dickinson Trust for the Dr. Lucius A.
Wing Memorial Fund.
10. \$5,000.00 from American Aggregates Corporation, Greenville, Ohio,
for the Center for Tomorrow Fund.
11. \$5,000.00 from Eighty Maiden Lane Foundation, (In the name of
Frederick E. Jones), for the Presidents Club Special Fund.
12. \$3,520.00 from the Trust under the Will of Anna Roessler for the
Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
13. \$3,000.00 from Miss Irene D. Hirsch for the Crime and Delinquency
Research Fund.

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$3,000.00 from Kaiser Aluminum & Chemical Corporation--\$1,000.00 for the Kaiser Aluminum & Chemical Corporation Fellowship and Scholarship Fund in Mechanical Engineering, \$1,000.00 for the Kaiser Aluminum & Chemical Corporation Scholarship Fund in Metallurgical Engineering and \$1,000.00 for the Kaiser Aluminum & Chemical Corporation Scholarship Fund in Industrial Engineering.
15. \$2,500.00 from Chevron Oil Field Research Company, San Francisco, California, for the Chevron Oil Research Fund.
16. \$2,000.00 from Field Enterprises Educational Corporation, Chicago, Illinois, for the Dale Educational Communications Conference Fund.
17. \$2,000.00 from Payne Fund, Inc., (In the name of Frances P. Bolton), for the Dale Educational Communications Conference Fund.
18. \$1,111.15 from the Norman C. Bradish Trust through the University of Wisconsin for the Bradish Memorial Fellowship Fund.
19. \$1,000.00 from the Denman Rubber Manufacturing Company, (In the name of James H. Hoffman), for the University Relations Discretionary Fund.
20. \$1,000.00 from Garwick & Sons, Inc., (In the name of J. Parker Garwick), for the J. Parker Garwick Fund.
21. \$1,000.00 from the Joseph & Helen Skilken Foundation, (In the name of Joseph Skilken), for the Michael Peppe-Carl Wirthwein Scholarship Fund.
22. \$1,000.00 from The Ohio State University Alumni Club of Los Angeles for the Los Angeles County Alumni Scholarship Fund.
23. \$1,000.00 from Tires, Incorporated, (In the name of James H. Hoffman), for the University Relations Discretionary Fund.
24. \$945.00 from the family, colleagues and friends of the late George W. Eckelberry for the establishment of the George W. Eckelberry Memorial Fund.

George W. Eckelberry Memorial Fund

The George W. Eckelberry Memorial Fund was established June 11, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, colleagues and friends, in honor of the late George W. Eckelberry, B. A. '14, M. A. '16, Professor of Accounting, Columbus, Ohio.

IV. GRANTS AND GIFTS (continued)

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

24. George W. Eckelberry Memorial 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 is to be used in support of the academic program in accounting as determined by the Chairman of the Faculty of Accounting and the Dean of the College of Administrative Science. Suggested uses would include student loans, periodicals and books, special lectureships and support of student and faculty research. However, the use of the income is in no way restricted by this enumeration of suggestions.

Should the Faculty of Accounting and/or 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 recommendations from the appropriate administrative official of the University who is then directly responsible for education in accounting.

TOTAL - Received Through The Ohio State University Development Fund -
\$119,393.22

C. Gifts-in-Kind

1. A new pharmacy facility for the Student Health Center from McKesson & Robbins Drug Company, New York, New York.
2. A gas chromatograph plus spare parts from The Battelle Memorial Institute, Columbus, Ohio, for use in the Department of Metallurgical Engineering.
3. A gift of books from Frederick G. Ruffner, Jr., for the University Libraries.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, 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.

June 11, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,487	\$ 51,904.21
Individuals other than alumni	158	21,174.69
Business concerns	70	114,493.93
Nonprofit organizations	38	54,049.88
	<u>2,753</u>	<u>\$241,622.71</u>

Of these gifts, 1,794 totaling \$23,377.44 were undesignated and 959 totaling \$218,245.27 were designated.

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V. PLANS AND SPECIFICATIONS

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

A. Medical Center Parking Lot at Perry Street and 9th Avenue

This parking lot will provide spaces that were lost when construction of the Medical Center Library began and will also provide parking for the Basic Science Building.

Funds for this project have been provided from Budget Account 921300 (Parking Facilities).

Upon motion of Mr. Safford, 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. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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June 11, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

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

A. Stadium Artificial Turf

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 4-29-70)		
Marble Cliff Quarries (Columbus)		
Base bid	\$ 75,348.00	\$103,000.00
Alt. G-2 Practice field base:		
1 yr. warranty - 79,800 sq. ft.	<u>82,879.00</u>	<u>80,000.00</u>
Total Contract	<u>\$158,227.00</u>	<u>\$183,000.00</u>
 <u>Artificial Turf Contract</u> (3 bids received 4-29-70)		
Monsanto Company (St. Louis)		
Base bid	\$243,388.00	\$247,314.00
Alt. T-3 Practice field turf:		
no warranty - 79,800 sq. ft.	<u>40,491.00</u>	<u>60,000.00</u>
Total Contract	<u>\$283,879.00</u>	<u>\$307,314.00</u>
 <u>Total All Contracts</u>	 <u>\$442,106.00</u>	 <u>\$490,314.00</u>

The above contracts are approved subject to sufficient funds being made available through gifts to the University to defray the total expenses thereof.

B. Hamilton Hall - Replacement of Two Elevators

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-25-70)		
Waller and Lund, Inc. (Columbus)	\$ 81,330.00	\$ 96,000.00

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

C. Lighting in Mirror Lake Area

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 5-1-70)		
Jess Howard Electric Co. (Columbus)	\$ 15,447.00	\$ 25,000.00

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

June 11, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. McCracken Power Plant - Fuel Oil Storage Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(10 bids received 5-7-70)		
Trapp Construction Co. (Columbus)		
Base bid	\$ 38,420.00	\$ 78,240.00
Alt. G-1 Demolition of railway track and concrete pier	<u>3,100.00</u>	<u>5,000.00</u>
Total Contract	<u>\$ 41,520.00</u>	<u>\$ 83,240.00</u>
 <u>Mechanical Contract</u>		
(3 bids received 5-14-70)		
Carlisle Heating & Plumbing (Columbus)		
Base bid	\$ 48,690.00	\$ 52,000.00
 <u>Total All Contracts</u>	 <u>\$ 90,210.00</u>	 <u>\$135,240.00</u>

Funds have been provided for this project by a transfer from Item 235-015 (Ohio Board of Regents - Utilities and Renovation) to Item 315-074 (Utilities and Renovation), H. B. 531.

E. Sisson Hall - Air Conditioning of Animal Holding Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 5-21-70)		
Mechanical Specialties (Columbus)		
Base bid	\$ 31,800.00	\$ 33,000.00
Alt. H-1 Temperature controls	<u>577.00</u>	<u>1,500.00</u>
Total Contract	<u>\$ 32,377.00</u>	<u>\$ 34,500.00</u>

Funds for this project have been provided from Budget Account 129290 (College of Veterinary Medicine Improvements Fund).

F. Evans Laboratory Addition - Revisions to Electrical and Ventilating Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 5-26-70)		
The Electric Power Equipment Company (Columbus)		
	\$ 30,226.00	\$ 40,000.00

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

June 11, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

G. Ohio Union - Revision of Dishwashing System

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u> (3 bids received 5-27-70)		
Eastern Mechanical Corp. (Columbus)	\$ 16,196.00	\$ 20,000.00
<u>Plumbing Contract</u> (3 bids received 5-27-70)		
Eastern Mechanical Corp. (Columbus)	8,778.00	9,500.00
<u>Electrical Contract</u> (4 bids received 5-27-70)		
L. Paul Miller Electric (Lancaster)	<u>3,997.00</u>	<u>5,000.00</u>
<u>Total All Contracts</u>	<u>\$ 28,971.00</u>	<u>\$ 34,500.00</u>

Funds for this project have been provided from the Ohio Union Operating Account.

H. McPherson Chemical Laboratory - Corridor Renovation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received 5-27-70)		
W. F. Daulton Co., Inc. (Columbus)	\$ 34,220.00	\$ 36,900.00
<u>Electrical Contract</u> (5 bids received 5-27-70)		
Reco Electric, Inc. (Gahanna)	<u>2,690.00</u>	<u>5,000.00</u>
<u>Total All Contracts</u>	<u>\$ 36,910.00</u>	<u>\$ 41,900.00</u>

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

I. Buckeye Village - Modernization of Electrical Systems in Phase One Buildings

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (2 bids received 5-22-70)		
The Electric Power Equipment Company (Columbus)	\$ 29,205.00	\$ 68,000.00

Funds for this project have been provided from Budget Account 998295 (Dormitory Contingency Fund).

June 11, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

J. Floodlighting of Parking Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 6-2-70)		
Gardner Electric, Inc. (Columbus)	\$ 33,710.00	\$ 37,000.00

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

K. Fire Alarm Systems in Classroom Buildings

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (5 bids received 6-2-70)		
Mid-City Electric Co. (Columbus)	\$ 41,168.00	\$ 45,000.00

Funds for this project have been provided in Budget Account 124358 (Contract Repair 1970-71).

L. Hughes Hall - Electrical Distribution

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (6 bids received 6-2-70)		
Electric Power Equipment Co. (Columbus)	\$ 40,134.00	\$ 50,000.00

Funds for this project have been provided in Budget Account 124358 (Contract Repair 1970-71).

M. Railroad Siding Removal and Site Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 6-9-70)		
Decker Construction Co. (Columbus)	\$ 58,364.04	\$ 67,300.00

Funds for this project will be 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. 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 was ratified by unanimous roll call vote.

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June 11, 1970 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 19 Approves the acquisition of property commonly known as 53 and 61 West Eleventh Avenue.
- 20 Approves the acquisition of property commonly known as 65 and 67 West Eleventh Avenue.
- 21 Approves the acquisition of property commonly known as 1616-1618 Hunter Avenue.
- 23 Approves the award of contracts for the project "Ohio Stadium - Artificial Turf" to the low bidders, Marble Cliff Quarries, Columbus, Ohio, and Monsanto Company, St. Louis, Missouri.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. 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 Gordon B. Carson, 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. Safford, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

B. Marion Campus, Storm Sewer Easement - Unico Heights Land Company, Inc.

The Unico Heights Land Company, Inc., has requested a storm sewer easement on State of Ohio lands that have been designated for the use of The Ohio State University, Marion Campus. This easement will provide for storm sewer drainage to a 120 acre area serving approximately 280 houses in an area adjacent to the Marion Campus.

The standard easement charge, as calculated by The Ohio Department of Public Works, is \$120 annually. The Unico Heights Land Company, Inc., agrees to pay the \$120 annual easement fee.

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 storm sewer easement.

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

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Linden Forest Edwards, Professor Emeritus in the Department of Anatomy, and Russel Garrett Means, Sr., Professor Emeritus in the Department of Otolaryngology. 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. Linden Forest Edwards

The Board of Trustees expresses its sorrow at the death on April 8, 1970, of Linden Forest Edwards, Ph. D., Professor Emeritus in the Department of Anatomy.

Professor Edwards was born in Lewisville, Ohio, on November 25, 1899. He received his secondary school education in the public schools of Lewisville and Reynoldsburg, Ohio. He earned his Bachelor of Arts degree in Zoology from The Ohio State University in 1922 and pursued graduate work while serving as a Graduate Assistant in the Department of Zoology and Entomology. Here he received a Master of Science degree in 1923. Upon completion of his degree he served for three years as an Instructor in the Department of Zoology. In the summers of 1922, 1923 and 1927 he attended the Franz Theodore Stone Laboratory at Put-in-Bay, Ohio, where he continued graduate study and research. From 1925 to 1929 Professor Edwards served as an Instructor of Human Anatomy in the Department of Zoology at the University of Illinois during which time he continued work leading to the Doctor of Philosophy degree. He received his Ph. D. degree from The Ohio State University in 1928. In 1929 Dr. Edwards accepted the position of Assistant Professor in the Department of Anatomy at The Ohio State University College of Medicine. Here he remained to become Associate Professor in 1934 and Professor in 1940. He was Departmental Chairman from 1956 to 1961.

During his career he served on The Ohio State University Faculty Council, Graduate Council and Committee on Honorary degrees. He has been a member of the College of Medicine's Library Committee, Curriculum Committee and Committee on Appointments and Promotions. He also served on the Graduate Committee of the College of Dentistry. He was Chairman of the Committee of Medical History and Archives of The Ohio State Historical Society, President of the Ohio Academy of Medical History, Vice President of the Medical Section of the Ohio Academy of Sciences. He was a member of the American Association of Anatomists, the International Committee for Dental Research, Sigma Xi, the American Association for the History of Medicine and the Columbus Dental Society.

Professor Edwards' research interests were in comparative anatomy, human anatomy and medical history. He contributed many original papers to all these fields, served as an Editor of the Journal of the College of Medicine, Editorial Advisor in Anatomy for The Journal of Prosthetic Dentistry and contributed chapters to several textbooks.

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Linden Forest Edwards (continued)

Dr. Edwards loved to teach and had an innate ability to present general principles as well as stuffy details of anatomy in a manner which allowed students to grasp and clearly understand most any difficult region of anatomy. His presentations were dynamic, meaningful and interesting. In 1964 he received the University's Distinguished Teaching Award.

In 1965 after 38 years in the Department of Anatomy, Professor Edwards retired. His major effort following retirement was the third edition of his text Concise Anatomy.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Edwards 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 heart-felt sympathy in its bereavement.

B. Russel Garrett Means, Sr.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 25, 1970, of Russel G. Means, Sr., M. D., Professor Emeritus in the Department of Otolaryngology.

Dr. Means was born in Columbus, Ohio, on May 21, 1895. He was graduated from The Ohio State University where he earned two degrees - the Bachelor of Science degree in 1917 and the Doctor of Medicine degree in 1919. From 1918 to 1919 he served as an intern at Mount Carmel Hospital in Columbus. In 1919 he began residency in otolaryngology at the Metropolitan Hospital in New York City. From 1921 to 1922 he was a resident at the Manhattan Eye and Ear Hospital in New York City. He was certified by the American Board of Otolaryngology in 1923. In 1936 he did postgraduate study in otolaryngology in Vienna.

Dr. Means began his practice in otolaryngology in Columbus in 1922. He was on the staffs of Starling Loving (now University Hospital), White Cross, Children's and Mount Carmel Hospitals. In 1940 he served as president of the Columbus Academy of Medicine. He was a co-founder and first president of the Metropolitan Health Council. Dr. Means served as alumni secretary for the Medical College for more than fifteen years and was chairman of the Annual Post Collegiate Medical Assemblies. He served for fifteen years as otologist for the Ohio State School for the Deaf and was director for the Columbus Hearing Society. He served two terms on the Ohio Department of Health Council.

Dr. Means joined the faculty of The Ohio State University College of Medicine as a teaching assistant in otolaryngology in 1922 and served in that capacity until 1927 when he became an instructor in otolaryngology at The Ohio State University. He was acting chairman of the Department of Otolaryngology from 1953 to 1954.

June 11, 1970 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Russel Garrett Means, Sr. (continued)

In 1956 he received The Ohio State University Distinguished Service Award for "having sparked the original drive for The Ohio State University Health Center." In 1948 he was honored with the College of Medicine Alumni Achievement Award. In addition, in 1962 he received another citation from the College of Medicine ". . .because he was a teacher, physician, civic leader and honored citizen." A bronze plaque engraved to that effect now hangs in Hamilton Hall. In this Centennial Year, Dr. Means was a recipient of a Centennial Award for Distinguished Alumni.

His interest in community activities was equally ambitious. He was a past director of the Columbus Area Chamber of Commerce and the Community Chest. He was a member of the First Community Church, Masonic Bodies, Grange, Sons of the American Revolution and a charter member and third president of the University Club.

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

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X. REPORTS

A. Report from the Finance and Investment Committee

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

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Frederick Jones, 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, and I, therefore, move the resolution providing for the issuance of \$3,200,000 Parking Revenue System Notes, Series 1970.

RESOLUTION PROVIDING FOR THE ISSUANCE AND AWARD OF NOT EXCEEDING \$4,500,000 PARKING SYSTEM REVENUE NOTES, SERIES 1970, 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 COSTS OF ADDITIONAL MOTOR VEHICLE PARKING FACILITIES AND PROVIDING FOR OTHER MATTERS INCIDENTAL THERETO.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University" and, when the context admits, collectively with the Board called the "University") under and by virtue of Section 3335.02 of the Revised Code of Ohio, with the right, under Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all lands, buildings, and other property of the University and control of all expenses thereof; and by Chapter 3335 of the Revised Code of Ohio; and

X. REPORTS (continued)

A. Report 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)

WHEREAS, by authority of Sections 3345.11 and 3345.12 of the Revised Code of Ohio, the Board is authorized to, among other things to construct and equip motor vehicle parking facilities; and for the purpose of paying all or part of the costs thereof the Board is further authorized to issue and sell obligations in the manner provided by and subject to the applicable provisions of Section 3345.12, Ohio Revised Code;

WHEREAS, the Board has previously determined, and does hereby confirm that it is necessary to provide additional motor vehicle parking facilities and, accordingly, that it is necessary to construct and equip additional motor vehicle parking facilities within or in close proximity to its campus, including three multi-level parking structures, for the parking of approximately 2,250 motor vehicles (being herein called the "Project"), the cost of which is presently estimated to be \$4,500,000; and

WHEREAS, the University proposes to borrow funds to pay the costs of constructing and equipping the Project, and for such purpose, to issue its Parking System Revenue Bonds (hereinafter called the "Project Bonds"), Series A, in the principal amount of \$4,500,000, pursuant to the laws of the State of Ohio and resolutions, including Resolution adopted by the Board on September 8, 1966, authorizing said Project Bond (which resolution is, as the same may be amended, supplemented or superseded, hereinafter called the "Bond Resolution"); and

WHEREAS, to provide for the refunding of prior notes issued for, and the proceeds of which were applied to, the interim construction financing for part of the costs of the Project prior to the issuance and delivery of the Project Bonds, the University has issued and there is outstanding its Parking System Revenue Note, Series 1969 in the amount of \$1,700,000 (hereinafter called the "Outstanding Note"); and

WHEREAS, the University hereby determines to borrow \$2,800,000 of Funds to pay part of the costs of additional motor vehicle parking facilities; and

WHEREAS, there has been submitted the following proposals for the purchase of said notes at 100% of par and at the designated interest rate:

<u>Original Purchaser</u> <u>(herein referred to as such)</u>	<u>Principal</u> <u>Amount</u>	<u>Interest</u> <u>Rate</u>
Huntington National Bank of Columbus	\$1,000,000.00	5.50%
City National Bank & Trust Co.	500,000.00	6.125%
	500,000.00	6.25%
	500,000.00	6.375%
	700,000.00	6.5%

X. REPORTS (continued)

A. Report 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)

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

Section 1. It is hereby confirmed and declared that it is necessary to construct and equip the Project, and to issue, and that there shall be issued, notes in the aggregate principal sum of \$4,500,000 pursuant to Sections 3345.11 and 3345.12 of the Revised Code of Ohio, for the purpose of refunding the Outstanding Note issued and delivered to pay part of the costs of the Project and to provide additional interim construction financing to pay the balance of the costs of the Project.

Section 2. The principal of and interest on such notes, and such additional notes as may be issued to pay part of the costs of the Project shall be payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities," and all payments required to be made, from time to time from said "Pledged Receipts" into the "Special Funds" created under the Bond Resolution subject to the pledge thereof to the bonds authorized by the Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes of the University issued pursuant to Sections 3345.11 and 3345.12 of the Revised Code of Ohio, or other authorizing provisions of law, to refund the Notes authorized hereby; provided that neither the State of Ohio nor the University, nor its Board of Trustees shall be obligated to pay the principal of or interest on such notes from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or University, and the full faith and credit there are not pledged thereto, and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

In consideration of the loan evidenced by the notes authorized hereby, the University and its Board covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of such notes, of revenue bonds or notes for the refunding of the Notes, pursuant to Sections 3345.11 and 3345.12 of the Revised Code of Ohio or other authorizing provisions of law, in such principal amount as shall be necessary to pay the principal of and interest on such notes, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio. The University covenants that proceeds of said Notes shall not be invested or used in such manner that any of said Notes would be "arbitrage bonds" for purposes of Section 103 (d)(1) of the Internal Revenue Code of 1954.

X. REPORTS (continued)

A. Report 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 3. Said notes shall be designated "Parking System Notes, Series 1970," shall be dated June 26, 1970, and shall mature June 25, 1971. Said notes shall bear interest at the rates specified in Section 4 hereof, payable semi-annually, or at maturity as requested by the Original Purchaser. Said notes shall be in denominations of \$5,000 or any multiple thereof, as bearer notes with or without coupons, or may be represented by a single note for the entire issue, as may be requested by the Original Purchaser, and shall be numbered as determined by the Vice President, Business and Finance or the Assistant Treasurer. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the President or the Vice President, Business and Finance, one of which may be a facsimile, attested by the Secretary of the Board, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of said Vice President, Business and Finance or the Assistant Treasurer, and the notes shall bear the seal of the University or facsimile thereof.

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the paying agent when the University shall notify the holder thereof that the definitive notes are available. The definitive notes shall be substantially in the form attached hereto as Exhibit A, page 566, the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes herein or other unregistered form, with or without coupons or to reflect the terms of the sale thereof consistent with this resolution and with such changes therein, not substantially adverse to the University, as the President or the Vice President, Business and Finance, may approve.

If the owner (in this paragraph called the "owner") of a note issued pursuant to this Resolution claims that such note has been lost, destroyed, or wrongfully taken, the Vice President, Business and Finance, or the Assistant Treasurer of the University are each authorized to cause to be executed and delivered a new note (in this paragraph called the "replacement note") of like tenor and date (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35 of the Revised Code of Ohio and of this paragraph. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Vice President, Business and Finance, or Assistant Treasurer of the University, and shall include evidence satisfactory to said Vice President or Assistant Treasurer of such loss, destruction, or wrongful taking and of his ownership. The Vice President, Business and Finance, or in his absence the Assistant Treasurer of the University, is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and

X. REPORTS (continued)

A. Report 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)

is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 4. Said notes are hereby awarded at par and under the terms aforesaid as follows in accordance with the aforesaid proposals to purchase said notes and this resolution:

<u>Original Purchaser</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
Huntington National Bank of Columbus	\$1,000,000.00	5.50%
City National Bank & Trust Co.	500,000.00	6.125%
	500,000.00	6.25%
	500,000.00	6.375%
	<u>700,000.00</u>	6.5%
	\$3,200,000.00	

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 delivery of said notes in accordance with said award and this resolution.

Section 5. The Vice President, Business and Finance, or the Assistant Treasurer of the University is hereby authorized and directed to apply such portion of the proceeds of the 1970 Notes promptly to the payment and discharge of the Outstanding Notes and apply to the payment of interest on said outstanding note such amount from the Construction Fund for the Project or from other funds available therefor, and the balance of such proceeds be deposited into the Construction Fund for the Project and applied to the payment of the costs of the Project.

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

June 11, 1970 meeting, Board of Trustees

EXHIBIT A

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTES, SERIES 1970

No. _____ \$ _____

KNOW ALL MEN BY THESE PRESENTS that THE OHIO STATE UNIVERSITY and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to _____ of _____,

DOLLARS

on the 25th day of June, 1971, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, at par plus accrued interest to the date of prepayment, and to pay, solely from said sources, interest thereon from the date hereof at the rate of _____ per cent (_____ %) per annum until payment of such principal sum has been made or provided for. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of _____ of _____ without deduction for its services as the University's paying agent, upon presentation and surrender of this note. The interest on this note and the principal hereof are payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities" and all payments required to be made, from time to time, from said "Pledged Receipts" into the "Special Funds" created by the Bond Resolution, identified below, as such terms are defined in the Bond Resolution subject to the pledge thereof to the bonds authorized by said Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Revised Code of Ohio or other authorizing provisions of law to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof. The aforesaid Bond Resolution is the Resolution adopted by the Board of Trustees September 8, 1966, authorizing the issuance of \$4,500,000 principal amount of parking system revenue bonds, as such Resolution may be amended, supplemented or superseded.

This note is one of a duly authorized series of notes of like tenor and effect, except as to _____, issued for the purpose of refunding \$1,700,000 principal amount of The Ohio State University Parking System Revenue Notes, Series 1969, dated June 27, 1969, issued and delivered to pay part of the cost of constructing and equipping certain motor vehicle parking facilities within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles and to provide moneys to pay the balance of such costs, under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Sections 3345.11 and 3345.12 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the 11th day of June, 1969.

June 11, 1970 meeting, Board of Trustees

- 2 -

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of revenue bonds or notes for the refunding of this note, pursuant to Sections 3345.11 and 3345.12 of the Revised Code of Ohio, or other authorizing provision of law, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of the University, and to be attested by the Secretary of the Board of Trustees of said University, as of the 26th day of June, 1970.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

By _____
Vice President, Business and
Finance of The Ohio State University

Attest: _____
Secretary of the Board of
Trustees

[S E A L]

June 11, 1970 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on the University's Investment Portfolio

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

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Thereupon the Board adjourned to meet Thursday, July 9, 1970, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

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APPENDIX VIII

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 12, 1970

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The Recipients of Honors

RICHARD BRADFIELD

Doctor of Science

Distinguished international soil scientist and imaginative leader in research, whose achievements have brought him world-wide recognition

The leadership of Richard Bradfield in applying the basic principles of chemistry and physics to the science of soils makes him a symbol of America's contribution to the global search for freedom from hunger. His unusual ability to apply the scientific method to agricultural problems earned him the respect of soil scientists and physical and colloidal chemists, while his achievements in the colloidal chemistry of soils were rewarded with a Gugenheim Fellowship for study at the Kaiser Wilhelm Institute in Berlin.

Reared on a farm in Madison County, Ohio, he majored in chemistry for the A.B. degree at Otterbein College and received the first Ph.D. awarded by The Ohio State University in the field of soils.

As a teacher he inspired students to greater heights of creativity and productivity, and they have achieved major national and world positions of leadership in agriculture. Dr. Bradfield has served with distinction as Professor of Soils at the University of Missouri, Professor of Agronomy at The Ohio State University, and Head of the Department of Agronomy at Cornell University, where the new agronomy building has been dedicated Bradfield Hall in his honor.

Dr. Bradfield served as a member of the board of trustees of the Rockefeller Foundation, and was one of three stellar scientists who laid the groundwork for the agricultural revolution in Mexico. The principles inaugurated in Mexico and described by Dr. Bradfield and his colleagues in their book, *Campaigns Against Hunger*, have become the basis of the green revolution in India, Pakistan, and the Philippines. Dr. Bradfield's procedures for rice production in the Philippines promise revolutionary changes in the culture of Southeast Asia's major food crop.

His professional colleagues have recognized his leadership by electing him president of the Soil Science Society of America, the American Society of Agronomy, and the International Society of Soil Science. Otterbein College conferred upon him the honorary degree, Doctor of Science.

The Ohio State University is proud to honor this distinguished alumnus and former faculty member who exemplifies the ultimate in professional excellence.

HENRY STEELE COMMAGER

Doctor of Letters

Eminent historian, interpreter of the American heritage, and exponent of freedom, equality, loyalty, and dissent

Henry Steele Commager, a distinguished and productive scholar, has written and edited works on American intellectual, political, and constitutional history, biographies, anthologies, and essays on contemporary problems. His writings, esteemed by fellow historians, have won wide popular audiences in this country and abroad. He has attempted to put present issues in historical perspective and has not hesitated to speak vigorously and cogently in support or condemnation of public policies in domestic and foreign affairs.

Henry Commager's ancestors were among the pioneer settlers of Ohio. Born in Pittsburgh, Pennsylvania, in 1902, he spent part of his youth in Toledo. He took bachelor's, master's, and Ph.D. degrees at the University of Chicago, receiving the doctorate in 1928. In a professional career spanning more than four decades, Dr. Commager has taught at New York University, Columbia University, and Amherst College and has held appointments at major universities in Europe and the Americas. Devoted students in all parts of the country testify to his dedication to and effectiveness in the art of teaching.

The Growth of the American Republic, which Professor Commager wrote in collaboration with Samuel Eliot Morison, has elevated standards of college instruction in American history. Commager's *Documents of American History* makes fundamental sources available to teachers and students at every academic level. His provocative study, *The American Mind*, has influenced teaching and stimulated research in American intellectual history.

As one of the general editors of the *New American Nation* series, he is responsible for one of the most ambitious undertakings in contemporary historical scholarship.

Henry Steele Commager has sought to discover and reveal the characteristics and meaning of American civilization. In a troubled, uncertain era he has been an eloquent spokesman of democratic and humane values and a courageous defender of freedom of inquiry.

The Ohio State University takes pride in recognizing Dr. Commager's services to his profession and to his country.

PAUL J. FLORY

Doctor of Science

Pioneering and continuously productive student of the macromolecular realm, whose service to science is of rare distinction

The great importance of his scientific specialty, the study of polymeric and macromolecular substances, and his massive contribution to it, have combined to make Paul J. Flory an internationally renowned and honored scholar.

Dr. Flory received the B.S. degree from Manchester College and the M.S. and Ph.D. degrees from The Ohio State University. From 1934 to 1948 he was successively a research chemist at E. I. du Pont de Nemours, a research associate at the University of Cincinnati, a research chemist with Standard Oil of New Jersey, and a section head in the laboratories of the Goodyear Tire and Rubber Company. In 1948 he left industry to become, in turn, Professor of Chemistry at Cornell, Executive Director of Research at the Mellon Institute, and Professor of Chemistry at Stanford where, in 1965, he was named the first Jackson-Wood Professor of Chemistry.

Dr. Flory has pioneered in research on the constitution and properties of macromolecules, including their formation via polymerization and their physical and thermodynamic properties. His investigations have included theoretical and experimental studies and have employed the methods of statistical mechanics in developing generic characterizations of the physical chemistry of macromolecules.

His research has been reported in more than two hundred scientific papers and two books which he has written or for which he has served as co-author. Dr. Flory's *Principles of Polymer Chemistry* has been referred to as "the fundamental polymer textbook for industry," and his *Configuration of Chain Molecules* has contributed significantly to the understanding of molecular structure. Formal recognition of his stature has come many times in the honors bestowed upon him by his fellow chemists and scientific colleagues, both in this country and abroad. A member of the National Academy of Sciences, Dr. Flory has received the Colwyn Medal of the Institution of the Rubber Industry, the International Award in Plastics and Science Engineering of the Society of Plastics Engineers, and the High Polymer Physics Prize of the American Physical Society. In 1945, Dr. Flory was the recipient of the Joseph Sullivant Medal of The Ohio State University for outstanding contributions to his profession and his alma mater.

This University takes pride in recognizing the pre-eminent contributions of Paul J. Flory by conferring upon him the honorary degree, Doctor of Science.

THOMAS CARLYLE JONES

Doctor of Science

Veterinary scientist who has contributed immeasurably to the health of animals and man through innovative educational methods

Scholarly productivity and administrative ability give Dr. Thomas Carlyle Jones a pre-eminent position in veterinary medicine today. His achievements in pathology were recognized internationally in March, 1970, when he was installed as president of the International Academy of Pathology.

He received his undergraduate and professional education at Washington State University and was graduated with highest honors. One of his early major accomplishments was the establishment of veterinary pathology as a modern functional discipline through his studies and discoveries on a wide variety of animal disease problems.

While at the Walter Reed Army Medical Center, Dr. Jones started the Section of Veterinary Pathology as part of the Armed Forces Institute of Pathology and developed an advanced training program which continues today as the model of professional educational methods. He conceived and organized the first specialty board in the veterinary medical profession, the American College of Veterinary Pathologists. Serving for ten years as executive secretary and later as president of that organization, Dr. Jones was instrumental in establishing standards and organizational structure which have served as the basis for the development of all veterinary medical specialties.

Through his service as chairman of the Advisory Board on Veterinary Medical Specialties of the American Veterinary Medical Association, Dr. Jones has guided the formation of all veterinary medical specialty organizations. The culmination of his efforts to develop veterinary pathology was his publication of a textbook on veterinary pathology which has been acclaimed as the classic in its field.

Dr. Jones' career also has produced important contributions to comparative pathology. In 1957, he was appointed Director of Pathology at Angell Memorial Animal Hospital, associate clinical professor of pathology at Harvard Medical School, and associate director of the New England Regional Primate Center where he has had wide influence in stimulating comparative studies on animal models of human diseases.

The Ohio State University is proud to honor a man whose leadership has greatly enhanced veterinary medicine as a modern medical science and furthered the advancement of the health of animals and man.

J. WALTER SEVERINGHAUS

Doctor of Humane Letters

Noted architect and designer of leading contemporary buildings, whose professional excellence enhances man's constructed environment

A constant consideration for man in a man-planned environment characterizes the innovation in humanistic architecture of J. Walter Severinghaus and has earned international respect and admiration for his work.

Mr. Severinghaus was graduated Phi Beta Kappa from Ohio Wesleyan University and with highest honors in architecture from The Ohio State University. In 1937 he joined the firm of Skidmore, Owings and Merrill in New York, where he advanced rapidly to become a senior partner in 1949.

In 1960 he was elected a Fellow of the American Institute of Architects, in recognition of excellence in architectural design—an honor accorded less than one per cent of all architects in the United States. In 1963 he was honored as a Distinguished Alumnus of The Ohio State University's College of Engineering.

His architectural firm has achieved a world-wide reputation for excellence. Assignment of high priority to human values characterizes every SOM project, regardless of its scope or complexity. Prompted originally by declining resources of skilled labor in many areas of the construction industry, this firm has utilized the capabilities of modern American technology in mass production, on-site assembly, and in adaptation to the skills available. The senior partners and project architects have been identified prominently in a long series of citations awarded to their firm by representatives of the public at large, the clients, and the profession of architecture.

Among the many outstanding structures designed by Mr. Severinghaus are the facilities for United States airfields in Morocco, buildings for the Ford Motor Company in Dearborn, the International Arrivals Building and the United Airlines Terminal in New York, the First City National Bank in Houston, and the Chase Manhattan Bank in New York. His latest project is the New York Stock Exchange, now in the final design stage.

At a time when man's total surroundings are subjected to ever closer scrutiny and evaluation, this University is proud to honor a distinguished architect whose completed buildings add beauty, utility, and order to America's constructed environment.

JAMES A. SHANNON

Doctor of Science

Distinguished physician, under whose leadership the National Institutes of Health became a major national resource for the support of medical education and research

The "Shannon Era" has already become legendary in the history of biomedical research in the United States. By application of his many abilities in the practical political world, James A. Shannon was able to guide the development of the National Institutes of Health into the remarkable program to which our Nation owes so much.

A graduate of the College of the Holy Cross, he received his M.D. and Ph.D. from New York University. Dr. Shannon has contributed substantially, as physiologist and later as a clinician, to our knowledge about the kidney, and during World War II, to our knowledge of malaria, a major health hazard to our armed forces.

He went to Washington, D.C., in the early days of the National Institutes of Health, first as Associate Director of the National Heart Institute in charge of research. Later he became Associate Director of the National Institutes of Health, and from 1955 until 1968, he served as Director.

Under his direction, the program expanded massively through grants to universities, through fellowships, and through a variety of collaborative efforts. Scientific developments, such as drug therapy for high blood pressure, vaccination for poliomyelitis, modern cardiovascular surgery, and a whole new era of clinical medicine occurred. With the support of NIH programs, the medical schools of this country became the modern medical centers of today.

Under Dr. Shannon's direction, the National Institutes of Health maintained a steady course of progress and developed a long-term program which brought medicine, dentistry, nursing, veterinary medicine, pharmacy, and other biological and scientific fields into a coalition for health. The impact of this program has been felt directly by every academic medical center, medical student, and physician in the United States. The rapid development of bio-engineering on the Ohio State campus is a case in point.

Through Dr. Shannon's medical and administrative ability, combined with creative and resourceful planning, a great contribution of major proportions was made toward the broad goal of truly scientific medicine and better health care for the citizens of the United States. The Ohio State University is proud to honor Dr. James A. Shannon for his unique contributions to medical education and research.

S. FRED SINGER

Doctor of Science

Eminent scientist, educator, author, and public servant, whose fundamental contributions to the physical sciences have won international acclaim

Starting as an experimentalist and gradually shifting into theoretical areas, S. Fred Singer has fashioned a career highlighted by innovations in pioneering endeavors. He has followed his scientific interests into many different areas of geophysics, and his contributions to each have been substantial, often generating further research.

Born in Vienna, Austria, in 1924, he received the Bachelor of Electrical Engineering degree from The Ohio State University in 1943, the A.M. from Princeton in 1944, and the Ph.D. in physics in 1948 from Princeton. Since 1946, Dr. Singer's positions have covered a wide spectrum of academic endeavors and public service.

From 1946 to 1950 he was a physicist at the Applied Physics Laboratory of Johns Hopkins University where he engaged in high altitude research using balloons and high altitude research rockets. Under his direction, physical phenomena which had been previously inaccessible were first brought within the scope of measurement.

Later, holding high-level government and academic positions, he made numerous fundamental contributions in such diverse areas as relativity theory, the origin and age of meteorites, properties of interplanetary dust, moon surface composition, primary cosmic rays, ionospheric currents, magnetic storms and aurorae, and radiation-belt theory.

While serving as first director of the National Weather Satellite Center, Dr. Singer was instrumental in the development of the TIROS meteorological satellite. He has served as Professor and Dean of the School of Environmental and Planetary Sciences at the University of Miami and is presently the U.S. Deputy Assistant Secretary of the Interior for Scientific Programs. Dr. Singer has received numerous honors for his pioneering research, including a Special Commendation from President Eisenhower for outstanding achievement in the development of satellites for scientific purposes and the first Astronautics Medal of the British Interplanetary Society.

The University is proud to honor a distinguished scientist whose brilliant insight has shed light upon many areas of man's knowledge of the universe.

Graduate School

Dean: Richard Armitage, Ph.D.

Doctor of Philosophy

One hundred and forty-eight candidates

Sue Clark Alexander, Columbus
A.B. (Stanford University); A.M. (University of Michigan)
Dissertation: An Axiomatic Representation of Festinger's Theory of Cognitive Dissonance: An End and a Beginning
Field of Specialization: Sociology

Gladys Mary Anderson, Dayton
B.S.Ed. (Ball State University); A.M. (Indiana University)
Dissertation: Personality Characteristics of Aspiring Teachers and Experienced Teachers: A Discriminant Analysis
Field of Specialization: Psychology

Osiefield Anderson, Tallahassee, Fla.
B.S. (Fort Valley State College); M.S. (Atlanta University)
Dissertation: The Role of Counterexamples in a First Course in Calculus
Field of Specialization: Education

Lee Alan Becker, Minneapolis, Minn.
B.A. (University of Minnesota)
Dissertation: Component Response Characteristics in Impression Formation
Field of Specialization: Psychology

Garry Robert Bice, Heuvelton, N. Y.
B.S., M.S. (Cornell University)
Dissertation: The Relationship of Group Structural Properties and Communication Behavior Patterns to Opinion Leadership Among Teachers
Field of Specialization: Agricultural Education

Edwin David Bickel, Louisville, Ky.
B.A., M.S. (University of Louisville)
Dissertation: Pleistocene Non-Marine Mollusca of the Gatineau Valley and Ottawa Area of Quebec and Ontario, Canada
Field of Specialization: Geology

John Edward Bielenberg, Vestal, N. Y.
B.S. (Carroll College, Wisconsin); M.A. (Northwestern University)
Dissertation: Scene Design at the Comedie-Francaise 1901-1920
Field of Specialization: Theatre

James Ronald Blaker, Laurel, Md.
A.B. (University of Michigan)
Dissertation: The Chinese in the Philippines: A Study of Power and Change
Field of Specialization: Political Science

Robert Leland Bottemiller, Portland, Ore.
B.S. (Math.), B.S. (Physics) (University of Portland)
Dissertation: A Study of Intrinsic Polarization in Be Stars
Field of Specialization: Astronomy

Jerome Randolph Brandon, Kingsland, Ga.
B.S. Chem. (University of Georgia)
Dissertation: Solvent Effects on the Kinetics of Electron and Proton Transfer Reactions of Aromatic Radical Anions
Field of Specialization: Chemistry

John Arnold Budny, Chicago, Ill.
B.S. (Lewis College)
Dissertation: An *IN VIVO* and *In Vitro* Metabolic Comparison of the Linoleate and Palmitoleate Families of Polyunsaturated Fatty Acids
Field of Specialization: Physiological Chemistry

Wesley M. Burnside, Provo, Utah
B.S., M.S. (Brigham Young University)
Dissertation: Maynard Dixon: Artist of the West
Field of Specialization: Art

Elsie Carter Burton, Rupert, Idaho
B.S. (P.E.) (University of Colorado); M.S. (P.E.) (University of Washington)
Dissertation: State and Trait Anxiety, Achievement Motivation and Skill Attainment in College Women
Field of Specialization: Physical Education

Ann Cali, Fort Pierce, Fla.
B.S. (University of Florida); M.S.
Dissertation: A Fine-Structural Study of *Nosema Apis* Zander (Microsporidia: Cnidosporea: Protozoa)
Field of Specialization: Zoology and Entomology

Dean C. Cannon, Columbus
B. S., M.S. (Indiana State Teachers College)
Dissertation: The Subcommittee on Television of the North Central Association—A History
Field of Specialization: Speech

Edward Cardona, New York, N. Y.
B.S. (City College, New York); M.S.
Dissertation: Chronic Lead Poisoning: Time Course of Hematologic and Metabolic Changes in Rats
Field of Specialization: Physiology

Lenora Marie Carmody, Grand Rapids, Mich.
B.A. (Aquinas College); A.M. (University of Illinois)
Dissertation: A Theoretical and Experimental Investigation into the Role of Concrete and Semi-Concrete Materials in Instruction in the Teaching of Elementary Mathematics
Field of Specialization: Education

James Clinton Carpenter, Durham, N. C.
A.B. (Duke University); M.A.
Dissertation: Patterns of Self-Disclosure and Confirmation in Mother-Daughter Communication
Field of Specialization: Psychology

Clive Lawrence Carrel, Hampton, Victoria, Australia
B.Sc., B.A. (University of Melbourne)
Dissertation: Color in the *Bellum Gallicum*
Field of Specialization: Classics

Ashok Kumar Choudhery, New Delhi, India
B.Sc. (Sardar Vallabhbhai Vidyapeeth); M.S.
Dissertation: The Protease Enzyme System of Bacillus Cereus
Field of Specialization: Dairy Technology

Norman James Clary, Berea
B.A., M.A.
Dissertation: French Antisemitism during the Years of Drumont and Dreyfus, 1886-1906
Field of Specialization: History

Ronald John Clifton, Chardon
A.B. Educ. (Glennville State College); M.A. (Marshall University)
Dissertation: The Functioning Secondary School Counselor as Perceived by Vocational Teachers in Ohio
Field of Specialization: Education

Charles Paul Connolly, Jr., Ames, Ia.
A.B. (University of Dayton); M.A. (Ohio University)
Dissertation: An Experimental Investigation of the Application of Empirical Program Development Procedure to Instructional Television Programs on Creative Problem Solving
Field of Specialization: Speech

Alma Grace Cremer, Columbus
B.S. (University of California at Los Angeles); M.A.
Dissertation: Relationships Between Body Size Estimates, Body Image Boundaries and Health Practices in Preadolescents
Field of Specialization: Physical Education (Health Education)

Kenneth Charles Daiker, Cincinnati
B.S. (University of Cincinnati); M.S.
Dissertation: Evaluation of Quantum Integrals in the Momentum Representation by a Geometric Series Expansion Method
Field of Specialization: Chemistry

David Ray Davis, Amlin
B.S. in Agr., M.S.
Dissertation: Some Effects of Cold Temperature Exposure of Rats on Aspartate Aminotransferase and Alanine Aminotransferase Levels in Plasma, Liver and Muscle Tissues
Field of Specialization: Dairy Science

Gary Warren Davis, Highland
D.V.M., M.S.
Dissertation: Experimental Parenteral and Aerosol Transmission of Adenovirus-12 in Hamsters
Field of Specialization: Veterinary Pathology

James Keith Davis, Wilmington
B.S. in Agr., M.S. (University of Georgia)
Dissertation: Efficacy of Lincomycin of Rate, Efficiency and Composition of Growth, Incidence of Liver Abscesses, and Rumen pH when Fed Separately and in Combination with Diethylstilbestrol of Beef Heifers
Field of Specialization: Animal Science

Ruth Meredith Davis, Parsons, W. Va.
B.S. in Ed., M.Ed. (Bowling Green State University)
Dissertation: The Relations Between Body Image Boundary and Physical Fitness in Children from a Trainable Program for Mental Retardates
Field of Specialization: Physical Education

* In cooperation with Miami University

George Edward Deitz, Alden, N. Y.
B.A. (Psych), M.A. (Psych) (San Jose State College)
Dissertation: The Development of Self-Concept During Adolescence and its Relationship to Adjustment
Field of Specialization: Psychology

Vincent Louis Donlan, Dayton
S.B. (Massachusetts Institute of Technology)
Dissertation: Two Particle Fractional Parentage Coefficients and Their Application to Atomic Spectra
Field of Specialization: Physics

Julie Yi-Fang Tsai Du, Taipei, Taiwan
B.S. (National Taiwan University); M.S. (Texas Technology College)
Dissertation: Prostaglandin and Essential Fatty Acid Deficiency
Field of Specialization: Physiological Chemistry

Frank Young Duncan, Jr., Sharon, S. C.
B.S. (CrE), M.S. (Clemson University)
Dissertation: Thermo-mechanical Behavior of Bauxite-Based Alumino-Silicate Refractories
Field of Specialization: Ceramic Engineering

Edmund Joseph Durkin, Cleveland Heights
B.S., M.S.
Dissertation: Aspartate and Ornithine Carbamyl Transferases in Different Conditions of Growth
Field of Specialization: Physiology

John Henry Dygos, Watervliet, N. Y.
B.S. (Saint Lawrence University)
Dissertation: π -Route Synthesis of Azabicyclics
Field of Specialization: Chemistry

John Frederick Fleischauer, Dayton
A.B. (Cornell University); M.A.
Dissertation: A Plain and Sensible Utterance: The Prose Style of Roger Ascham
Field of Specialization: English

James Lewis Frazier, Seville
B.S. in Agr.
*Dissertation: Interspecific Responses to Sex Pheromones Among Cockroaches of the Genus *Periplaneta**
Field of Specialization: Entomology

*Donald John Frericks, Minster
B.S. in Ed. (University of Dayton); M. of Ed. (Miami University)
Dissertation: Career Dimensions of Ohio School Counselors
Field of Specialization: Education

Billy Wade Friar, Rose Hill, Va.
A.B. (Berea College); B.S. in M.E. (Virginia Polytechnic Institute); M.S.
Dissertation: Gas Density and Its Relationship to Ion-Chamber Current
Field of Specialization: Mechanical Engineering

Robert William Froelich, Ashland
B.S. (Case Western Reserve University); M.A.Mus.Ed.
(Eastman School of Music)
Dissertation: Programed Instruction in the Development
of Aural Discrimination of Musical Instrument Timbres
by College Students
Field of Specialization: Education

Mary Ann Fruth, Postoria
B.A. (Denison University); A.M. (Smith College)
Dissertation: The Royal Entry: A Study of Tradition and
Change in the French Festivals of the 16th Century
Field of Specialization: Theatre

Richard Paul Fulkerson, Columbus
B.S. in Ed. (Southern Illinois University)
Dissertation: The Dickens Novel on the Victorian Stage
Field of Specialization: English

James Leo Gemma, Youngstown
B.S. (University of Detroit); M.S.
Dissertation: Coding Theorems for Systems of Channels
Field of Specialization: Mathematics

Frederick William Giessler, Van Wert
B.S. in Agr., M.S.
Dissertation: An Investigation of Implicit Costs in Force
Planning
Field of Specialization: Business Administration

John Douglas Goss, Columbus
B.S. in Phys., M.S.
Dissertation: Measurement and Compound Nucleus
Analysis of the Elastic Scattering of Alpha Particles by
 ^{9}Be
Field of Specialization: Physics

Martin Grebel, New York, N. Y.
B.S. (City College, New York); M.A.
Dissertation: The Effect of Feedback on the Cognitive and
Reaction Time Performance of Schizophrenic and
Non-Schizophrenic Patients
Field of Specialization: Psychology

Russell Marvin Grieger, II, Evansville, Ind.
B.A. (Evansville College); M.A.
Dissertation: The Effects of Teacher Expectancies on the
Intelligence of Students and the Behavior of Teachers
Field of Specialization: Psychology

Michel Grimard, Grand'Mere, Canada
M.D., M.Sc. (University of Montreal)
Dissertation: The Effects of Inert Gases on the Metabolic
Activity of Living Tissue
Field of Specialization: Physiology

Robert Eugene Hackney, Wellington, Kan.
B.S. (University of Kansas)
Dissertation: Hypocholesterolemic Agents: Compounds
Related to Ethyl α -(4-Chlorophenoxy)- α -Propionate
Field of Specialization: Pharmacy

Abd El Hafeez, Atbara, Sudan
B.Sc. (University of Khartoum); M.S. (Northwestern
University)
Dissertation: The Critical Properties of Binary Systems
of Certain Fluorocompounds with Alkanes
Field of Specialization: Chemical Engineering

Elaine Hayden Hairston, New Lexington
B.A., M.A.
Dissertation: An Analysis of the Use of Oral
Interpretation as a Psychotherapeutic Technique
Field of Specialization: Speech

Ralph Donnelly Handen, Jr., Riverside, Calif.
B.S. (California Institute of Technology); B.D. (Fuller
Theological Seminary)
Dissertation: The Savoy Negotiations of the Comte De
Tessé, 1693-1696
Field of Specialization: History

Francis Lawrence Hanigan, Kingston, R.I.
B.S. (United States Military Academy); M.S.
Dissertation: Trilateration Adjustment and Network
Design
Field of Specialization: Geodetic Science

David Paul Harcastle, Little Rock, Ark.
B.A. (Texas Christian University); B.D. (Vanderbilt
University); M.A.
Dissertation: The Defense of Canada under Louis XIV,
1643-1701
Field of Specialization: History

Donald James Harney, Columbus
AeE., M.S.Aero., (California Institute of Technology)
Dissertation: Hypersonic Viscous Interactions as
Described by the Binary Collision Scaling Parameter
Field of Specialization: Aeronautical and Astronautical
Engineering

Benedict Thomas Harwood, Plattsburgh, N. Y.
B.S. (Xavier University); M.A. (Marshall University)
Dissertation: Expressed Preferences for Information
Seeking Behaviors and their Relationship to Birth Order
Field of Specialization: Psychology

James Stephen Hensel, Columbus
B.A. (Ohio Northern University); M.B.A. (Miami
University)
Dissertation: Physiological Measures of Advertising
Effectiveness
A Theoretical and Empirical Investigation
Field of Specialization: Business Administration

Charles Edward Herdendorf, III, Sandusky
B.S., M.S. (Ohio University)
Dissertation: Limnological Investigations of the Spawning
Reefs and Adjacent Areas of Western Lake Erie with
Special Attention to Their Physical Characteristics
Field of Specialization: Zoology

John Daniel Hogan, North Tarrytown, N. Y.
B.S. (Saint John's University); M.S. (Iowa State University)
Dissertation: A Survey and Interpretation of Article Characteristics: The Journal of Genetic Psychology 1945-1969
Field of Specialization: Psychology

Jerrold Dale Hopfengardner, Westerville
B.S.Ed. (University of Dayton); M.Ed. (Miami University)
Dissertation: Cost of Guidance Services in Ohio Public Secondary Schools
Field of Specialization: Education

Ronald Fredrick Hough, Dayton
B.S. (University of Dayton); M.A. (Miami University)
Dissertation: The Cognitive Status of Scientific Theories
Field of Specialization: Philosophy

Lawrence Akio Inaba, Columbus
Ed.B., M.Ed. (University of Hawaii)
Dissertation: The Development of a Framework for and a Model Teaching-Learning System in Electronics Technology for the Elementary School
Field of Specialization: Education

Virgil Iriek, Jr., Vance, S. C.
B.S. (Cer. Engr.), M.S. (Cer. Engr.) (Clemson University)
Dissertation: Effects of Impurities on Phase Development and Crystal Growth in Bauxite-Based Refractories
Field of Specialization: Ceramic Engineering

Dorothy Woytowicz Jackson, Columbus
B.A. (Queens College); M.A.
Dissertation: Self as Process: Implication of Role Behavior
Field of Specialization: Psychology

John William James, III, Reynoldsburg
B.E.E. (University of Louisville); M.S.
Dissertation: The Tree-Structured Distributed Logic Memory
Field of Specialization: Electrical Engineering

Adel Salim Kadi, Beirut, Lebanon
B.Eng. (American University of Beirut); M.S.
Dissertation: A Study and Comparison of the Equations of Thin Shell Theories
Field of Specialization: Engineering Mechanics

Tsuyoshi Kakihana, Taira, Ryukyus
B.E. (Shizuoka University); M.S. (Michigan State University)
Dissertation: Synthesis and Reactions of 2-Methoxyazocines
Field of Specialization: Chemistry

Niyazi Karasar, Ankara, Turkey
B.S. (Vocational and Teacher Training, Ankara, Turkey); M.S. (Stout State University)
Dissertation: Impact of Video Feedback on Teachers' Eye-Contact Mannerisms in Microteaching
Field of Specialization: Education

Richard Stillman Keister, Terre Haute, Ind.
B.A. (Miami University); M.S.
Dissertation: The Role of Organization in Paired Associate Learning
Field of Specialization: Psychology

Robert Stephen Kennedy, Columbus
B.S., M.S. (University of Dayton)
Dissertation: Cytological and Physiological Effects of Chlorinated Hydrocarbon Pesticides and Dissolved Oxygen Concentration on a *Pseudomonas Sp.* Isolated from Lake Erie
Field of Specialization: Microbiology

Jerry Allen Kotchka, Tiltonsville
B.S. (United States Naval Academy); M.S. (United States Postgraduate School)
Dissertation: On a Bayesian Methodology to the Solution of the Naval ASW Screen Placement Problem
Field of Specialization: Industrial Engineering

Philip George Kuehl, Columbus
B.S. (Bus.) (Miami University); M.B.A.
Dissertation: An Examination of the Influence of Family Life Cycle and Social Class on Information Seeking in Self-Medication Behavior
Field of Specialization: Business Administration

Goro Kuno, Sakai, Osaka, Japan
B.S. (Hokkaido University, Japan); M.S. (University of California)
Dissertation: Studies of Growth-Promoting Proteins in Fetal Bovine Serum Using *Aedes aegypti* Cells Cultured *In Vitro*
Field of Specialization: Entomology

Charles Herbert Law, Alexandria
B.A.A.E., M.S.
Dissertation: The Supersonic Axisymmetric Wake about a Trailing Tow Cable
Field of Specialization: Aeronautical and Astronautical Engineering

John Woodmansee Leland, Washington C. H.
B.A. (Maryville College); M.A.
Dissertation: Neville Chamberlain and British Social Legislation, 1923-1929
Field of Specialization: History

Wilbert Marcellus Leonard, II, Barnesboro, Pa.
B.A. (Albright College); M.A. (University of Pennsylvania)
Dissertation: University Subcultures: A Visual Profile Analysis
Field of Specialization: Sociology

Charles Levin, Harrington Park, N. J.
B.S.
Dissertation: Kinetics and Mechanism of Phenylcyclopropane Cleavage with Palladium (II) Chloride
Field of Specialization: Chemistry

- Ralph Stanley Lorenz, Columbus
B.S.E.E. (Ohio University); M.S.
Dissertation: Preparation and Characteristics of the
GaAs- Deposited SiO₂ Interface
Field of Specialization: Electrical Engineering
- Gloria King Ludlum, Lima
B.A. (Miami University); M.S.
Dissertation: Phase Equilibrium in the Join Akermanite -
Anorthite - Gehlenite
Field of Specialization: Mineralogy
- Hossein Mahban, Tehran, Iran
B.S. (Abadan Institute of Technology); M.S. (North
Carolina State University)
Dissertation: Rock Behavior Under Impulsive Loadings
Field of Specialization: Engineering Mechanics
- John Arthur Maier, Fredonia, N. Y.
B.Mus., M.A.
Dissertation: An Investigation of the Relationship of
Selected Personal, Academic and Musical Factors to
Success in the Two-Year Basic Music Theory Sequence at
the State University College, Fredonia, New York
Field of Specialization: Music
- Zane McCoy, Huntington, W. Va.
A.B. in Edu. (Fairmont State Teachers College); M.S.
(West Virginia University)
Dissertation: Components of Conflict Resident in the
Position of School Superintendent
Field of Specialization: Education
- John David McCracken, Charles City, Ia.
B.S.Ag.Ed., M.S. (Iowa State University)
Dissertation: The Utilization of Information by State
Supervisory and Teacher Education Personnel in
Vocational and Technical Education
Field of Specialization: Agricultural Education
- Dorothy Taylor McDonald, Columbus
B.Mus.Ed. (University of Nebraska); M.Ed. (University
of North Carolina)
Dissertation: The Identification of Elementary School
Children's Musical Concepts as a Function of Environment
Field of Specialization: Education
- David John McGonagle, Arlington, Va.
B.A. (Xavier University); M.A.
Dissertation: Rhetoric and Biography in Velleius
Paterculus
Field of Specialization: Classics
- Shirlee May Meola, Athens, Ga.
B.S., M.S.
Dissertation: A Histophysiological and Ultrastructural
Study of the Corpus Cardiacum of the Mosquito
Field of Specialization: Zoology
- Joseph Alexander Mihalka, Columbus
B.A., M.A.
Dissertation: Sequential Testing—A Systems Approach
Field of Specialization: Education
- Elliot Stuart Miller, Greenwich, Conn.
B.A. (Harvard College)
Dissertation: The Victorian Domestic Realists
Field of Specialization: English
- Reza Moinpour, Teheran, Iran
B.S. in Bus.Adm., M.B.A.
Dissertation: An Empirical Investigation of
Multidimensional Scaling and Multidimensional Unfolding
to Predict Brand Purchasing Behavior
Field of Specialization: Business Administration
- Synnové Voss Morris, Bowling Green
Dissertation: Observed and Predicted Intensities of
Absorption Lines in Mira Variables
Field of Specialization: Astronomy
- Louis Moskowitz, Philadelphia, Pa.
A.B. (Allegheny College); M.A. (Hofstra University)
Dissertation: The Relationship within Early Cross-
Modality Perceptual Differentiation
Field of Specialization: Psychology
- Zuhair A.R. Muhi-Eldeen, Baghdad, Iraq
B.Sc. Pharm. (Baghdad University); M.S. (University of
Colorado)
Dissertation: Chemical Studies Designed to Prepare
Radio-Protective Agents
Field of Specialization: Pharmacy
- Larry Allen Muir, Wooster
B.S. in Agr., M.S.
Dissertation: Estrogen and Progesterone Balance and the
Control of Calcium Mobilization in the Bovine
Field of Specialization: Dairy Science
- John Allen Murphy, Pickerington
B.Aero.E., M.S.
Dissertation: The Effect of Pilot Restraint and
Aerodynamic Forces on the Flutter of Reversible Control
Systems
Field of Specialization: Aeronautical and Astronautical
Engineering
- Peter Edward Murphy, St. Albans, Herts, England
B.Sc. (University of London); M.A.
Dissertation: A Study of the Influence of Attitude, as a
Behavioral Parameter, on the Spatial Choice Patterns of
Consumers
Field of Specialization: Geography
- Mary-Ann Lee Myrant, Bethesda, Md.
B.S. (University of Oregon); M.S. in P.Ed (Indiana
University)
Dissertation: A Survey and Evaluation of Professional
Laboratory Experiences in Physical Education
Field of Specialization: Physical Education
- John Walter Nelson, Columbus
B.A. (Trinity College); B.D. (Yale University Divinity
School); M.A.
Dissertation: Blake's Minor Prophecies: A Study of the
Development of His Major Prophetic Mode
Field of Specialization: English
- Edward Allen Nicholson, Jr., Columbus
B.S. in Bus.Adm., M.A.
Dissertation: Job Decisions of Ohio Liberal Arts College
Faculty Members
Field of Specialization: Business Administration

- Ralph Edwin Oberly, Urbana
B.S.
Dissertation: High Resolution Infrared Spectra of Some Isotopic Species of Carbon Dioxide
Field of Specialization: Physics
- Joseph Patrick O'Rourke, Columbus
B.S. in Edu., M.A.
Dissertation: Toward a Science of Vocabulary Development
Field of Specialization: Education
- George John Papageorgiou, Athens, Greece
M.C.P.
Dissertation: A Generalization of the Population Density Gradient Concept
Field of Specialization: Geography
- Howard William Paul, Westerville
B.A. (Capital University); M.A. (Bowling Green State University)
Dissertation: The Relationship of Various High School Mathematics Programs to Achievement in the First Course in College Calculus
Field of Specialization: Education
- Marla Putzier Peterson, Charleston, Ill.
B.A. (Iowa State Teachers College); M.A. (State College of Iowa)
Dissertation: A Comparison of Elementary Teachers and Elementary Counselors on their Beliefs About the Teaching Process
Field of Specialization: Education
- Raymond George Peterson, Jr., Council Bluffs, Ia.
B.A. (State University of Iowa)
Dissertation: George Washington, Capitalistic Farmer—A Documentary Study of Washington's Business Activities and the Sources of His Wealth
Field of Specialization: History
- Elizabeth Mae Pfaumer, Lebanon
A.B. (Asbury College); M.A.
Dissertation: Personality Correlates of Effective Listening
Field of Specialization: Speech
- Dorothy Jean Quisenberry, Winchester, Ky.
B.S. (Eastern Kentucky State College);
M.S. (University of Tennessee)
Dissertation: A Use of the Semantic Differential to Determine the Perceptions of Students Toward Women High School Physical Education Teachers
Field of Specialization: Physical Education
- Howard Marks Simon Richard, Columbus
B.S.Ed. (Southern University); M.S. (University of Notre Dame)
Dissertation: New Careers Mathematics: The Effect Upon Achievement in Mathematics of Supplementing a Concept Centered Course for Adults with Experiences in Computer Utilization
Field of Specialization: Education
- George Arthur Richards, Granville
B.E.E., M.S.
Dissertation: Reaction Formulation and Numerical Results for Multiturn Loop Antennas and Arrays
Field of Specialization: Electrical Engineering
- Donald Edward Riechard, Troy, Mo.
A.B. (University of Missouri); A.M. (West Virginia University)
Dissertation: The Acquisition of Selected Life-Science Concepts by Beginning Kindergarten Children from Three Different Community Settings
Field of Specialization: Education
- Dominick Allan Ross, Columbus
B.S.
Dissertation: Reactions of Sulfur Dioxide with Transition Metal Unsaturated Hydrocarbon Complexes
Field of Specialization: Chemistry
- Michael Jay Rudick, Forest Hills, N. Y.
B.A. (College of Wooster)
Dissertation: The Environmental Control of Cytochrome Oxidase Activity in *Acanthamoeba Castellanii*
Field of Specialization: Zoology
- Willard Travis Rushton, Corpus Christi, Tex.
B.S. (Ag.Ec.) (Texas Agricultural and Mechanical University); M.S.
Dissertation: A Test of the Value Concept: The Relationships between Value Commitments and Political Preference
Field of Specialization: Agricultural Economics and Rural Sociology
- Usha Sachdeva, Ludhiana, India
B.A., M.A. (Panjab University)
Dissertation: Some Theorems on Category of Transformations and on Existence of Invariant Measures for Operators
Field of Specialization: Mathematics
- Sreerangapatam Garudaiyengar Sampath, Bangalore, India
B.S., M.S. (Osmania University); M.S. (Indian Institute of Science)
Dissertation: Vibrations of Circular Cylindrical Shells under Space-Varying Initial Stresses and Body Forces
Field of Specialization: Engineering Mechanics
- William B. Schonberg, Columbus
B.A. (Washington and Jefferson College); M.A.
Dissertation: A Comparison of Wrongs, Worries, and Interests from 1923 to the Present
Field of Specialization: Psychology
- William Thomas Schultz, Parma
B.A. (Northwestern University)
Dissertation: The Eumolpinae of America North of Mexico with Revisions of Selected Genera (Coleoptera: Chrysomelidae)
Field of Specialization: Entomology
- Barbara Billings Seels, Pittsburgh, Pa.
A.B. (Bucknell University); M.S. in Edu. (Syracuse University)
Dissertation: Concepts and Communication
Field of Specialization: Education

- Darwin Michael Semotiuk**, Edmonton, Alta., Canada
B.P.E., M.A. (University of Alberta)
Dissertation: The Development of a Theoretical Framework for Analyzing the Role of National Government Involvement in Sport and Physical Education and its Application to Canada
Field of Specialization: Physical Education
- Rajinder Singh**, Punjab, India
B.Tech., M.Tech. (Indian Institute of Technology, Kharagpur)
Dissertation: Simultaneous Diffusion of Heat and Moisture in Spherical Porous Bodies
Field of Specialization: Agricultural Engineering
- Lester Frank Smith**, Columbus
B.S. in Bus.Adm., B.M.E., M.S.
Dissertation: Hydrodynamic Entrance Lengths for Laminar Flow in Circular Ducts with Dispersed Solid Particles
Field of Specialization: Mechanical Engineering
- Jack Sonn**, Bronx, N. Y.
B.S. (Queens College); M.S.
Dissertation: On the Embedding Problem for Non-solvable Galois Groups of Algebraic Number Fields: Reduction Theorems
Field of Specialization: Mathematics
- Alphonso Lorenzo Sorhaindo**, Pelham Manor, N. Y.
B.A. (Iona College); M.A. (Connecticut College)
Dissertation: The Relationship Between Value-Expectancy Discrepancy and Alienation in College Students
Field of Specialization: Psychology
- Suryanarayana Srinivasan**, Thanjavur, India
B.E. (Annamalai University); M.E. (Indian Institute of Science, Bangalore)
Dissertation: Vibration and Stability of Beams and Plates in the Presence of Electromagnetic Fields
Field of Specialization: Engineering Mechanics
- Dale Lee Stansbury**, New Philadelphia
B.S. (Muskingum College); M.S.
Dissertation: Rural Income Determination in the East North Central States: Implications on Policy and Poverty
Field of Specialization: Agricultural Economics and Rural Sociology
- Donna Largent Streifthau**, Middletown
B.S. Ed., M. Ed. (Miami University)
Dissertation: Cincinnati Cabinet- and Chairmakers, 1819-1830
Field of Specialization: Home Economics
- Vaughn Kemp Taylor**, Springfield
B.S. in Edu. (University of Dayton); M.S. in Edu. (Wittenberg University)
Dissertation: Black Adults' Perceptions of Counselors Within the Counselor-Client Relationship
Field of Specialization: Education
- Milkh Ram Thakur**, Himachal Pradesh, India
B.Sc. (Ag.) (University of Delhi); M.Sc. (Horticulture) (Indian Agricultural Research)
Dissertation: Environmental and Genetic Control of Heterostyly in Tomato (*Lycopersicon esculentum* L.)
Field of Specialization: Horticulture and Forestry
- Charles Gordon Tindall, Jr.**, Princeton, N. J.
B.A. (College of Wooster); M.S.
Dissertation: Synthesis of Furanose Sugars having Terminal Vinyl and Cyclopropyl Groups and their Conversion into Modified Nucleosides
Field of Specialization: Chemistry
- John Rathbone Tripp**, Rocky River
B.S. (Oregon State University); M.S.
Dissertation: The Descriptive Embryogeny and Post-Embryogeny of the Mygalomorph Spider, *Antrodiaetus unicolor*
Field of Specialization: Zoology
- Katherine Jorgensen Twarog**, Columbus
B.A., M.A.
Dissertation: Pre-Existing Kinship Ties and Migration Patterns: A Genealogical Approach to the Analysis of Migration-Systems
Field of Specialization: Anthropology
- Myron David Ullman**, Oregon
B.S. (Muskingum College)
Dissertation: Aspects of Decreased All *CIS* 5, 8, 11-Eichsatrienoic Acid Deposition in Tissue Lipids of the Fat Deficient Rat
Field of Specialization: Physiological Chemistry
- John S. Vamos**, West Mifflin, Pa.
B.M.E. (Villanova University)
Dissertation: An Investigation of Over-Driven Detonation Waves and the Ignition of Combustible Gaseous Mixtures by Strong Shock Waves
Field of Specialization: Aeronautical and Astronautical Engineering
- Sherman Dean Vander Ark**, Urbana
A.B. in Ed. (Calvin College); M.A.
Dissertation: Programed Instruction in Twentieth Century Music: A Feasibility Study
Field of Specialization: Music
- Ethard Wendel Van Stee**, Columbus
B.S., D.V.M. (Michigan State University); M.S.
Dissertation: Some Aspects of the Pharmacology of Bromotrifluoromethane
Field of Specialization: Veterinary Physiology and Pharmacology
- Sonya Gray Vassos**, Niles
B.S. in Edu.; M.S. in Retailing (New York University)
Dissertation: A Study of Attitudes Toward the Guidance Department and the College Counseling Process as a Result of Employing Computer-Assisted College Selection
Field of Specialization: Education
- Francis Anthony Via**, Frostburg, Md.
B.S. Chem. (West Virginia University); M.S.
Dissertation: A Kinetic and Thermodynamic Investigation of Imine Formation with Isobutyraldehyde and Primary Aliphatic Amines
Field of Specialization: Chemistry
- Marie Therese Volk**, Cleveland
A.B. (Ursuline College); M.A. (Tufts University)
Dissertation: The Melian Dialogue in Thucydides: A Structural Analysis
Field of Specialization: Classics

David Russell Voltmer, State College, Pa.
B.S.E.E. (Iowa State University); M.S.E.E. (University
of Southern California)
Dissertation: Diffraction by Doubly Curved Convex
Surfaces
Field of Specialization: Electrical Engineering

Shyam Krishna Vyas, Punjab, India
B.E. (University of Rajasthan); M. Tech. (Indian
Institute of Technology)
Dissertation: A Probabilistic Approach to Seepage
Field of Specialization: Civil Engineering

Joseph Day Wander, Columbus
B.S. in Chem. (Case Western Reserve University)
Dissertation: Conformational Properties of Sugars:
Synthesis of Some Diphenyl Dithioacetals and Preparation
of a Carbohydrate Ketene Dithioacetal
Field of Specialization: Chemistry

Dale F. Warnke, Albuquerque, N. M.
B.S. Eng. Physics (University of Oklahoma); M.S.
(University of New Mexico)
Dissertation: Turbulent Heating Mechanisms in a Strong
Electric Field
Field of Specialization: Nuclear Engineering

Raymond Henry Wehner, Columbus
B.S. in Bus. Adm., M.A.
Dissertation: Violence in Contemporary British Drama,
1956-1969
Field of Specialization: Theatre

Robert Emery Wenig, McClure
B.S. in Edu., M.Ed. (Bowling Green State University)
Dissertation: The Development and Testing of an
Innovative Total Program Evaluation Schema for
Industrial Arts Education
Field of Specialization: Education

William Robert Williams, Lancaster
B.S.Ed., M.S. (Ohio University)
Dissertation: The Role of the Professional Teacher
Educator in the Public Schools
Field of Specialization: Education

Beverly Dawn Wilson, Richmond, Ky.
B.S. (Eastern Kentucky State College); M.S. in P.Ed.
(Indiana University)
Dissertation: Self-Perception and Peer Perception of a
Group of College Women Physical Educators
Field of Specialization: Physical Education

Sister Louise Wixman, Columbus
A.B. (Ohio Dominican College); M.A.
Dissertation: A Critical Study of Tennyson's *In Memoriam*
Field of Specialization: English

Kyril Francis Wylie, Kettering
B.S., M.A. (Kent State University)
Dissertation: Transport Phenomena at the Liquid-Vapor
Interface of Mercury Using a Radioactive Tracer
Field of Specialization: Nuclear Engineering

Peng Nam Yeoh, Mentakab, Pahang, Malaysia
B. Pharm. (University of Singapore); M.S.
Dissertation: A Pharmacological Evaluation of Seizures
Induced by Electrical Stimulation of the Hippocampus
Field of Specialization: Pharmacy

**Certificate in Teaching English
Speakers of Other Languages**

One candidate

*Lorraine Koren Bloom, Winnipeg,
Man., Canada
B.A. (University of Toronto)

Master of Accounting

One candidate

James Danny Farmer, Maineville
B.B.A. (Eastern Kentucky State
College)
Field of Specialization: Accounting

Master of Arts

Two hundred and twenty-two candidates

Larry Lynn Adams, Columbus
B.A. (Anderson College)
Field of Specialization: Music

Mark Emory Adams, Brooklyn, N. Y.
B.A. (Alfred University)
Field of Specialization: History

June Holzworth Aiken, Columbus
A.B. (Heidelberg College)
Field of Specialization: Education

John Robert Atkinson, Batesville
B.S. in Edu.
Field of Specialization: Education

Almut Nitz Bartelt, Columbus
Field of Specialization: German

James Ross Bartz, Columbus
B.S. in Edu.
Field of Specialization: Art

Bernice Ann Baur, Bay Port, Mich.
B.S. Ed. (Central Michigan
University)
Field of Specialization: Education

Sandra Yarnell Beery, Wooster
B.S. in Edu.
Field of Specialization: Education

Neil David Berman, Jamaica, N. Y.
A.B. (University of Michigan)
Field of Specialization: English

James John Bird, Milwaukee, Wis.
B.S. (Wisconsin State University,
LaCrosse)
Field of Specialization: Physical
Education

Jane Frances Blabolil, Cleveland
B.A. (Baldwin-Wallace College)
Field of Specialization: Education

*Lorraine Koren Bloom, Winnipeg,
Man., Canada
B.A. (University of Toronto)
Field of Specialization: Speech

Catherine Cecilia Bott, Baden, Pa.
B.S. in Edu. (Edinboro State College,
Pennsylvania)
Field of Specialization: Romance
Languages

Elizabeth Elliott Bradner, Lakewood
B.A. (Wellesley College)
Field of Specialization: Economics

Jacob James Brennehan, Jr., West
Liberty
B.A. (Goshen College)
Field of Specialization: Education

Thomas Alan Buckingham,
Westerville
B.A. (Otterbein College)
Field of Specialization: Education

Frances Joan Bulthuis, Paterson, N. J.
A.B. in Educ. (Calvin College)
Field of Specialization: Music

Joan Harlow Burger, Belvidere, Ill.
B.A. (De Pauw University)
Field of Specialization: Education

Patricia Schroeder Burke, Neenah,
Wis.
B.A. (University of Wisconsin)
Field of Specialization: English

Elizabeth Beard Butler, Grove City
B.S. in Soc. Adm.
Field of Specialization: Education

James Leo Cameron, Columbus
B.S. in Edu.
Field of Specialization: Education

Frank Henry Caron, Columbus
B.A. (Denison University)
Field of Specialization: Education

Pio Luque Celestino, Moche, Peru
B.A. (Universidad Nacional de
Trujillo)
Field of Specialization: Political
Science

Alfred Robert Celli, Columbus
B.A. (University of Notre Dame)
Field of Specialization: English

Nell Elizabeth Chambers, New
Richmond
B.S. in Edu.
Field of Specialization: Education

Susan Marie Charbonneau, Gary, Ind.
B.A. (Marian College, Indianapolis,
Indiana)
Field of Specialization: English
(TESOL)

Nora Chao Ching, Taiwan, China
B.A. (National Taiwan University)
Field of Specialization: East Asian
Languages

Margaret Psiaki Close, Columbus
B.S. in Ed. (Ashland College)
Field of Specialization: Education

Howard Allen Cohn, Memphis, Tenn.
B.B.A. (Memphis State University)
Field of Specialization: Public
Administration

James Lawrence Cole, Jr., Fairfax,
Va.
B.S. (United States Air Force
Academy)
Field of Specialization: History

Deborah Dye Coleman, Bay Village
B.S. in Edu.
Field of Specialization: Education

Catharine Virginia Collins, Cincinnati
B.Mus.Ed. (College of Mount Saint
Joseph on the Ohio)
Field of Specialization: Music

Michael William Collins, Holmdel,
N.J.
B.S.J. (Ohio University)
Field of Specialization: Journalism

Nancy Schwarzenberg Comer,
Wickliffe
B.S. in Edu. (Bowling Green State
University)
Field of Specialization: Education

Roger Parron Conley, Bradenton, Fla.
B.S. in Edu.
Field of Specialization: Education

Jacqueline Bresnahan Conner, Akron
B.A. (Kent State University)
Field of Specialization: Psychology

Anthony Salvatore Cookro, Akron
B.S. (Ohio University)
Field of Specialization: Education

Joseph Richard Cote, Columbus
B.A. (University of Ottawa, Canada);
A.B. (University of Nebraska)
Field of Specialization: Journalism

Virginia Ann Coulter, Galion
B.S. in Ed. (Ashland College),
Field of Specialization: Education

Janet Emily Crandell, Sylvania
B.S. in Edu.
Field of Specialization: Education

Ronald John Cree, Portsmouth
B.S. in Edu.
Field of Specialization: Education

* Also Master of Arts, Graduate School
* Also Certificate in Teaching English Speakers
of Other Languages, Graduate School

- Vera Rose Cuglietta, Salt Lake City, Utah
B.A. (University of Utah)
Field of Specialization: History
- Arthur Darnbrough, III, Gallipolis
B.S. in Edu.
Field of Specialization: History
- Charles Clarence Davis, Plymouth, N. H.
B.Ed. (Plymouth State College, New Hampshire)
Field of Specialization: Physical Education
- Erin Reilly Dieffenderfer, Columbus
B.A. (Trenton State College, New Jersey)
Field of Specialization: Education
- Charles Robert Donaldson, Columbus
B.S. in Ed. (Youngstown State University)
Field of Specialization: History
- Rosie Nucklos Doughty, Columbus
B.S. in Edu.
Field of Specialization: Education
- Deborah Anne Douglas, Columbus
B.S. in Edu.
Field of Specialization: Education
- Tina Spencer Dreisbach, Hiram
B.A. (Hiram College)
Field of Specialization: Music
- Sandor Desmond Drosick, Mayfield Heights
A.B. (Case Western Reserve University)
Field of Specialization: History
- Carol Rutherford Dube, Columbus
B.A. (University of Toronto, Canada)
Field of Specialization: Romance Languages
- Victor Edward Dunham, Canal Fulton
B.S. in Edu.
Field of Specialization: Education
- David William Eberle, Dover
B.A.
Field of Specialization: History
- William Timm Ebert, Merrill, Wis.
B.A. (Michigan State University)
Field of Specialization: Political Science
- Cathy Suzanne Ellis, Cleveland
B.S. in Edu.
Field of Specialization: Education
- Eugene Conrad Elser, Rochester, N.Y.
B.A. (Roberts Wesleyan College)
Field of Specialization: Speech
- Laura Thompson Faller, Columbus
B.S. (State University College at Oneonta, New York)
Field of Specialization: Education
- Kay Kegel Fisher, Gahanna
B.S. (Pennsylvania State University)
Field of Specialization: Education
- Janet Marie Fritz, Cleveland
B.A. (Bowling Green State University)
Field of Specialization: Sociology
- Douglas Andrew Gamble, Maryville, Tenn.
B.A. (Maryville College)
Field of Specialization: History
- Cheong-Chor Gan, Port Swettenham, Malaysia
M.A. (University of Oklahoma)
Field of Specialization: Political Science
- Paul Thomas Gebhardt, Bucyrus
B.S. in Edu. (Capital University)
Field of Specialization: Education
- Bruce Edward Gillespie, Columbus
B.A.
Field of Specialization: Political Science
- Ronald Jaye Golden, Columbus
B.S. in Edu.
Field of Specialization: Physical Education
- Jacob Knight Goodman, Middletown
B.A.
Field of Specialization: Education
- Madeline Karen Goodman, Southfield, Mich.
B.A. (Wayne State University)
Field of Specialization: Dance
- Barbara Louise Goodwin, St. James, N. Y.
B.S. (Springfield College, Massachusetts)
Field of Specialization: Journalism
- Eugene Gotman, Herkimer, N. Y.
B.A. (State University College, Fredonia, New York)
Field of Specialization: Slavic Languages
- Ellen Louise Gow, Dayton
B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Seth Neil Greenberg, New Hyde Park, N. Y.
B.A. (Queens College)
Field of Specialization: Psychology
- Sumit Gunanukorn, Bangkok, Thailand
B.Ed. (Chulalongkorn University)
Field of Specialization: Education
- Irene Hagiantoniou, Athens, Greece
B.S. in Bus. Adm.
Field of Specialization: Economics
- Robert Baldwin Harris, Chillicothe
B.A.
Field of Specialization: Economics
- Allen Roger Hart, Cleveland
B.A.
Field of Specialization: Political Science
- Charles Brian Harvey, Brandon, Man., Canada
B.A. (Brandon University)
Field of Specialization: Psychology
- Emily Hotchkiss Hauck, Sandusky
B.S. in Edu.
Field of Specialization: Education
- Noel Ann Hedges, Akron
B.A. (Case Western Reserve University)
Field of Specialization: Psychology
- Paul Wilson Henshaw, Pittsburgh, Pa.
B.A. (Adrian College); M.Div. (Methodist Theological School in Ohio)
Field of Specialization: Education
- Janet Maxton Hess, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Charles Joseph Higgins, Barrington, N. J.
B.A. (Rider College)
Field of Specialization: Education
- Linda Korsgaard Hobbie, Cleveland
B.S. in Edu.
Field of Specialization: English
- Carol Taylor Hodge, Dayton
B.A. (Miami University)
Field of Specialization: English
- Robert Michael Hook, Columbus
B.A., B.S. in Edu.
Field of Specialization: Education
- Richard Lee Howard, Boulder, Colo.
B.A. (University of Colorado)
Field of Specialization: Psychology

- Roberta Morse Hughey, Kilgore, Tex.
 B.A. (Miami University)
Field of Specialization: Education
- Vida Joyce Hull, Alliance
 B.A. (Rollins College)
Field of Specialization: Art
- Betty Delay Hyatt, Dayton
 A.B. (Franklin College, Indiana)
Field of Specialization: Romance Languages
- Susan Fuyuko Imai, Honolulu, Hawaii
 Ed.B. (University of Hawaii)
Field of Specialization: Education
- John Francis Jakubs, Lake Bluff, Ill.
 A.B. (Syracuse University)
Field of Specialization: Geography
- Susan Rita Jay, Columbus
 B.A. (Miami University)
Field of Specialization: Speech
- Sister M. Lisa Jessel, Columbus
 A.B. (Ohio Dominican College);
 M.A., Ph.D. (Catholic University of America)
Field of Specialization: German
- Francine Limbert Kammer, Akron
 B.S. in Edu.
Field of Specialization: Education
- Susan Branner Karnes, South
 Charleston, W. Va.
 B.Mus. (University of Michigan)
Field of Specialization: Music
- Barbara Gloré Kauffman, Dayton
 B.A. (Ohio Wesleyan University)
Field of Specialization: Speech
- Sally Dasher Kempfer, Marysville
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- Margaret Ellen Dutton Kiehl,
 Middleport
 B.A. (Denison University)
Field of Specialization: English
- Alan Peter Kimmel, Chicago, Ill.
 A.B. (Oberlin College)
Field of Specialization: History
- Pamela Marie Kindig, Columbus
 B.A. (Miami University)
Field of Specialization: Education
- Peter Kitchen, Liverpool, England
Field of Specialization: Physical Education
- Helene Barbara Kollman, Springfield
 B.S. in Edu.
Field of Specialization: Education
- Ursula Ebert Kouyoumjian,
 Columbus
 B.S. in Soc. Adm.
Field of Specialization: Education
- William James Kraus, Cincinnati
 B.A.
Field of Specialization: History
- Susan Sumie Kuba, Kaneohe, Hawaii
 Ed.B. (University of Hawaii)
Field of Specialization: Education
- Judith Mary Kucy, Rochester, N. Y.
 B.A. (Syracuse University)
Field of Specialization: Economics
- Mary Fitzgerald Kulwicki, Dayton
 B.A. (University of Dayton)
Field of Specialization: Art
- Karen Lane Kuntz, St. Marys, W. Va.
 B.S.Ed. (West Virginia University)
Field of Specialization: Education
- Beatrice Bucher Kuwik, Columbus
 B.A. (Eng.) (State University of
 New York at Buffalo)
Field of Specialization: Education
- Dorothy Wise Laming, Yellow Springs
 B.A. (Wittenberg University)
Field of Specialization: Theatre
- Larry Lee Larson, Columbus
 B.S. in Edu.
Field of Specialization: Education
- Catherine Shing-Rou Wu Lee, Taipei,
 Taiwan
 B.A. (Taiwan Normal University)
Field of Specialization: East Asian Languages
- Russell Lomax Leonard, Jr.,
 Richmond, Va.
 B.A. (University of Richmond)
Field of Specialization: Psychology
- Betty Swayne Leslein, Tucker, Ga.
 B.S. in Edu.
Field of Specialization: Education
- Susan Marie Lewis, Batavia
 B.Mus. (Ohio Wesleyan University)
Field of Specialization: Music
- Rand Elliot Link, Los Angeles, Calif.
 B.A. (University of California, Santa
 Barbara)
Field of Specialization: Education
- Carole Eileen Listiak, Youngstown
 B.S. in Ed. (Youngstown State
 University)
Field of Specialization: Education
- Deedra Ann Lisy, Cleveland
 B.S. in Edu. (Ashland College)
Field of Specialization: Physical Education
- Lois Ellen Livesay, Flint, Mich.
 A.B. (University of Michigan)
Field of Specialization: History
- Dora Grady Lodwick, Columbus
 B.A. (Muskingum College)
Field of Specialization: Sociology
- Eleanor Whiteside Lynch, Columbus
 B.S. in Edu.
Field of Specialization: Education
- David Eldon Marz, Canton
 B.S. in Edu.
Field of Specialization: Education
- Steven Roy Mathews, Central City,
 Nebr.
 A.B. (University of Nebraska)
Field of Specialization: History
- Richard Alan Matthews, Euclid
 B.A. (Miami University)
Field of Specialization: Economics
- John Powers McCann, Pleasant Hill
 B.A. (University of Dayton)
Field of Specialization: Journalism
- Thomas Aloysius McMahon,
 Portsmouth
 B.F.A.
Field of Specialization: Art
- Raymond Eugene McPhail,
 Pochontas, Ill.
 B.A. (San Francisco State College)
Field of Specialization: Political Science
- Stuart Meck, South Euclid
 B.A. in Jour.
Field of Specialization: Journalism
- Jack Allan Meyer, Columbus
 A.B. (University of Michigan)
Field of Specialization: Economics
- Barton Joel Michelson, Columbus
 B.A.
Field of Specialization: Political Science
- Robbie LeRoy Miller, Westerville
 B.S. in Edu.
Field of Specialization: Education
- Thomas Zoilo Miranda, Gary, Ind.
 B.S. in Ed. (Saint Joseph's College,
 Indiana)
Field of Specialization: English (TESOL)

- Donald LaClendon Mixon, Dayton
B.S. Edu. (Central State College)
Field of Specialization: Education
- John Anthony Montefusco, Gahanna
B.A. (City College, New York)
Field of Specialization: Political Science
- Shane Robert Moriarity, Gilbert, Minn.
B.S. (University of Minnesota)
Field of Specialization: Accounting
- Julia Daly Morris, Columbus
B.A.
Field of Specialization: Romance Languages
- George Michael Mudrie, Glouster
A.B. (Ohio University)
Field of Specialization: German
- Carol Anne Hudson Muldoon, West Point, Ga.
B.A. (Mary Washington College)
Field of Specialization: German
- Diane Marie Mullen, Philadelphia, Pa.
A.B. (Temple University)
Field of Specialization: English
- Thomas Byron Munson, Charleston, Ill.
B.A.
Field of Specialization: Sociology
- Roger Allen Myers, Tiffin
B.A. in Jour.
Field of Specialization: Journalism
- William Lawrence Myers, Opelousas, La.
B.S. (Northwestern State College of Louisiana)
Field of Specialization: Physical Education
- Jane Ann Neutzling, Newark
B.A. (Bowling Green State University)
Field of Specialization: German
- Joanell Neutzling, Newark
B.A. (Bowling Green State University)
Field of Specialization: German
- Cyrus Barnholt Nicholas, Jr., Cleveland
B.A.
Field of Specialization: Art
- Hazel Stine Nicklaus, Columbus
B.S. (Carnegie-Melon University)
Field of Specialization: Education
- Young-Sim Lee Oh, Columbus
B.A. (Ewha Womans University, Seoul, Korea)
Field of Specialization: Education
- Caroline Lunn Ohnsman, Marysville
B.S. in H.E.
Field of Specialization: Education
- Hisako Kinoshita Okuda, Hiroshima, Japan
B.A. (Yokohama City University)
Field of Specialization: English (TESOL)
- Mathew Pasquale, Jr., Euclid
B.S. in Edu.
Field of Specialization: Education
- David Boyd Payne, Columbus
B.A., B.S. in Edu.
Field of Specialization: Education
- Frank Mervyn Pees, Belle Center
B.S. in Edu.
Field of Specialization: Education
- Dany Bernard Perramond, Delaware
Field of Specialization: Romance Languages
- Thomas Clifford Phillips, Columbus
B.S. (Otterbein College)
Field of Specialization: Education
- James Ronald Phipps, Cedarville
B.A. (Cedarville College)
Field of Specialization: Speech
- Roger Omar Pond, Scott
B.S. in Edu.
Field of Specialization: Education
- David Deas Sinkler Poor, Washington, D. C.
A.B. (Harvard University)
Field of Specialization: Psychology
- Jeffrey Michael Price, Lorain
B.A.
Field of Specialization: Journalism
- Mary Kathleen Quigley, Cleveland
B.S. in Soc. Studies (Nazareth College)
Field of Specialization: History
- Donald Louis Raiff, Dayton
B.S. B.A. (University of Dayton)
Field of Specialization: Economics
- Judith Karen Rehn, Orangevale, Calif.
B.A. (Cedarville College)
Field of Specialization: Speech
- Arlene Cutshall Rengert, Lombard, Ill.
A.B. (Indiana University)
Field of Specialization: Geography
- William Charles Rennagel, Bradenton, Fla.
B.S. (United States Military Academy)
Field of Specialization: Political Science
- Gabriel Nicholas Repassy, Lorain
B.A.
Field of Specialization: Education
- John Rettos, Coshocton
B.S. in Edu.
Field of Specialization: Education
- Zelpha Cecile Rexroad, Carroll
B.S. Ed. (Ohio University)
Field of Specialization: Education
- Elizabeth Morris Richmond, Columbus
A.B. (Ohio University)
Field of Specialization: Education
- Elsa Gomez Rico, Bogota, Colombia
Field of Specialization: Sociology
- Katherine Drew Riechard, Troy, Mo.
B.S. in Edu.
Field of Specialization: Education
- Mary Louise Ringle, Tiffin
B.A. in Jour.
Field of Specialization: Journalism
- James Dwight Ripley, Rockford
B.A.
Field of Specialization: Journalism
- Beverly Ann Rising, Columbia Station
B.S. in Edu.
Field of Specialization: Romance Languages
- Larry Martin Roberts, Thornville
B.S. in Edu.
Field of Specialization: Education
- George Howard Rogerson, Columbus
B.A. (College of Puget Sound)
Field of Specialization: Political Science
- Louella Louise Romero, Pueblo, Colo.
B.A. (Southern Colorado State College)
Field of Specialization: Physical Education
- Eldria Mae Rowland, Columbus
B.S. in Edu. (Wilmington College)
Field of Specialization: Education
- Marilyn Bracken Ruckman, Columbus
B.S. in Educ. (Kent State University)
Field of Specialization: Education
- Maureen Judith Samp, Maple Heights
B.S.E. (Saint John College of Cleveland)
Field of Specialization: Education

- Margaret Ann Sampson, Cedarville
B.S. in Educ. (Central State College)
Field of Specialization: Romance Languages
- Jutta Schroers Sanford, Columbus
B.A. (University of Maryland)
Field of Specialization: History
- Lauralee Sawyer, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Journalism
- John Henry Scharf, Cambria Heights, N. Y.
B.A. (Cathedral College of the Immaculate Conception)
Field of Specialization: Philosophy
- Paula Luntz Schneiderman, Columbus
B.S. (University of Minnesota)
Field of Specialization: Education
- Virginia Ellen Schott, Columbus
B.A. (Otterbein College)
Field of Specialization: Journalism
- Robert Ernest Scott, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Education
- Stanley Selinger, Brooklyn, N. Y.
B.A. (City College, New York)
Field of Specialization: Psychology
- Margaret Early Shrewsbury, Gahanna
A.B. (West Virginia University)
Field of Specialization: Speech
- Larry Russel Snyder, Dayton
B.S. in Edu.
Field of Specialization: History
- Louis Bryan Snyder, Westerville
B.S. Ed. (Miami University)
Field of Specialization: Education
- Judith Alicia Spencer, Batavia, N. Y.
B.A. (Goddard College)
Field of Specialization: Anthropology
- Cheryl Ann Stanley, Washington, D. C.
B.A. (University of Colorado)
Field of Specialization: Romance Languages
- Jaris Stern, New Hyde Park, N. Y.
B.A. (State University of New York at Buffalo)
Field of Specialization: Psychology
- Rosalee Sukosd, East Canton
B.S. in Edu.
Field of Specialization: Education
- Diana Theresa Szurlej, Linden, N.J.
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education
- Jeanne Russell Taylor, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Education
- Kerrick Steven Thompson, Westerville
B.A.
Field of Specialization: Sociology
- David Ernest Thorburn, Reno, Nev.
B.S. (United States Air Force Academy)
Field of Specialization: Psychology
- Margaret Brennehan Thut, Elida
B.A. (Goshen College)
Field of Specialization: Education
- Janet Love Tobin, Columbus
B.S. in Edu. (Otterbein College)
Field of Specialization: Education
- Donald Stanley Tompkins, Miami Beach, Fla.
B.A. (Brooklyn College)
Field of Specialization: Psychology
- Rebecca Ann Ulrich, Carrollton
B.A. (Kent State University)
Field of Specialization: Education
- Susan Kay Ulrich, Carrollton
B.A. (Kent State University)
Field of Specialization: Physical Education
- Kathleen Ficzeri Veith, Cleveland
B.A. (DePauw University)
Field of Specialization: Journalism
- Kathryn Babb Vossler, Keyser, W. Va.
A.B. (West Virginia University)
Field of Specialization: History
- Ralph Emerson Waldo, III, Columbus
B.A.
Field of Specialization: Speech
- William Owen Walker, III, Columbus
B.A.
Field of Specialization: History
- Linda Hoover Watkins, Harrisonburg, Va.
B.Mus.
Field of Specialization: Music
- Stuart James Watts, Columbus
A.B. (Western Kentucky State College)
Field of Specialization: Education
- Janet Lynn Weathers, Stillwater, Okla.
B.A. (Oklahoma State University of Agriculture and Applied Science)
Field of Specialization: English
- Benita Carol Weber, Lakehurst, N. J.
B.A. (Monmouth College, New Jersey)
Field of Specialization: Education
- Regina Marie Weilbacher, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- James Lee Wilder, Galion
B.S. in Edu.
Field of Specialization: Political Science
- Dorothy McConnell Wilkinson, Zanesville
B.S.Ed. (Ohio University)
Field of Specialization: Education
- James Evan Williams, Branch Hill
B.S. in Edu.
Field of Specialization: History
- Denver Elbert Wilson, Crestline
B.S. (Morris Harvey College)
Field of Specialization: Education
- Helen Neverman Wilson, Columbus
B.S. (Iowa State University)
Field of Specialization: Education
- Rachel Lucille Wilson, Cincinnati
B.A. (Marietta College)
Field of Specialization: Art
- Stephen Bowers Wilson, Columbus
B.S.
Field of Specialization: Education
- Nora Winay, Long Valley, N. J.
A.B. (Rutgers-The State University)
Field of Specialization: German
- Nancy Jeanne Wunderlich, Columbus
B.S. in Edu.
Field of Specialization: Classics
- Millicent Jo Yarussi, Columbus
B.S. in Edu. (Indiana University of Pennsylvania)
Field of Specialization: Education
- Celia Colburn Yohman, Beacon Falls, Conn.
B.S. (Southern Connecticut State College)
Field of Specialization: Art
- Karen Zaugg, Mansfield
B.A. (Wittenberg University)
Field of Specialization: English
- Linda Alice Zenar, Kent
B.S. in Edu.
Field of Specialization: Education

Master of Business Administration

Twenty-eight candidates

Peter John Andrews, Toronto, Ont., Canada

B.A. (University of Toronto)
Field of Specialization: Business Organization

Roger Keith Ballard, Westerville
B.S. in Bus. Ad. (Franklin University)
Field of Specialization: Business Organization

Edgar James Barthel, Centerville
B.S. (E.E.) (Louisiana State University)
Field of Specialization: Business Organization

Walter Burkhard Bauer, Urbana
B.S. (Capital University)
Field of Specialization: Business Organization

Robert Thornhill Benedict, Chappaqua, N. Y.
B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization

Jean Teresa Bish, Meriden, Conn.
B.S. (University of Hartford)
Field of Specialization: Business Organization

Alice Lynn Bond, Akron
B.S. in Bus. (Miami University)
Field of Specialization: Business Organization

Paul Leo Brunswick, Greenville
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Asbury Ladimir Burgin, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Lloyd Stanley Foight, Mt. Vernon
B.S. (United States Military Academy)
Field of Specialization: Business Organization

Paul Emile Godbout, South Bend, Ind.
B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization

Stuart Mattis Goldman, Shaker Heights
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Lawrence Harris Green, Columbus
B.Ch.E.
Field of Specialization: Business Organization

Robert Edward Hawthorne, Bay Village
B.A. (Wittenberg University)
Field of Specialization: Business Organization

Thomas Andrew Heretta, Canton
B.Arch.
Field of Specialization: Business Organization

William Harrison Furlong Howard, Fairborn
B.S. (United States Air Force Academy)
Field of Specialization: Business Organization

David Blair Jemison, Reynoldsburg
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Guenter Friedrich Meier, Circleville
Ph.D. (Indiana University)
Field of Specialization: Business Organization

Allen Leon Netzley, Laura
B.S. in Bus. Adm. (University of Dayton)
Field of Specialization: Business Organization

Richard Kenworthy Rentz, Marion
B.S. (Ohio University)
Field of Specialization: Business Organization

James Albert Rigby, Newton Falls
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Thomas Richard Severns, Cambridge
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Ramesh W. Shahani, Columbus
B.S. Mech. E. (Michigan College of Mining and Technology); M.S.M.E. (University of Akron)
Field of Specialization: Business Organization

Gerald Spero, Cleveland
B.S. in Bus. Adm.
Field of Specialization: Business Organization

James Phillip Werbel, Marion
B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization

Robert Benjamin Wilson, Columbus
B.S.
Field of Specialization: Business Organization

William Gregory Wotschak, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Joseph Anthony Wray, Columbus
B.S., M.S. (Syracuse University)
Field of Specialization: Business Organization

Master of City Planning

One candidate

James Richard Pfalzer, Louisville, Ky.
B.C.E. (University of Louisville); M.S.
Field of Specialization: City and Regional Planning

Master of Fine Arts

Seven candidates

David Franklin Armstrong, Bucyrus
B.F.A., B.A.
Field of Specialization: Fine Arts (Painting)

Bruce Randal Bishop, Columbus
B.S. in Edu., B.F.A.
Field of Specialization: Fine Arts (Painting)

Barbara Tapper Freilich, Columbus
B.F.A.
Field of Specialization: Fine Arts (Painting)

George Lynn Hageman, Springfield
B.S. in Educ., M.A. (Bowling Green State University)
Field of Specialization: Fine Arts (Ceramics)

Stanley Allen Kaufman, Berlin
B.A. (Goshen College)
Field of Specialization: Fine Arts (Graphics)

Myrwood Barton Sutton, New Philadelphia
B.F.A.
Field of Specialization: Fine Arts (Sculpture)

Clinton Evan Thornton, Norman, Okla.
B.A. in Ed. (Northeastern State College)
Field of Specialization: Fine Arts (Ceramics)

Master of Music

Two candidates

Ladd Harold McIntosh, Clinton
B. Mus.
Field of Specialization: Music

Louise Ellen Speck, Dalton
B. Mus. (Union College)
Field of Specialization: Music

Master of Science

One hundred and seventy-six candidates

Hamid Aberi, Tehran, Iran
B.S. (Wisconsin State University)
Field of Specialization: Computer and Information Science

Oluoyomi Ayodeji Adeyemi-Wilson,
Lagos, Nigeria
B.S. (Washington University)
Field of Specialization: Mechanical Engineering

James Neal Ahmann, Nevada
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering

Robert Minter Alexander, Northport, Ala.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

John Oliver Amoss, Fallston, Md.
B.S.E.E. (University of Maryland)
Field of Specialization: Electrical Engineering

Harold Lee Arnette, Columbus
B.S.
Field of Specialization: Computer and Information Science

Kitipol Asaparporn, Bangkok, Thailand
B.E. (Chulalongkorn University)
Field of Specialization: Civil Engineering

Kenneth Alan Astbury, Wilton, Conn.
B.S. (Carnegie-Mellon University)
Field of Specialization: Mathematics

Chung Moo Auh, Seoul, Korea
B.S. (Ohio University)
Field of Specialization: Chemical Engineering

Paul Leo Clifton Bayless, West Mansfield
B.I.E.
Field of Specialization: Industrial Engineering

Ronald Roy Bellamy, Fanwood, N. J.
B.S. in Ch. E. (Lehigh University)
Field of Specialization: Nuclear Engineering

Ralph Howard Berglund, Kansas City, Mo.
B.S. in M.E. (University of Missouri at Rolla)
Field of Specialization: Metallurgical Engineering

Donald James Billmaier, Columbus
B.S. (University of Toledo); M.D.
Field of Specialization: Preventive Medicine

Morris Tippins Bird, Columbus
A.B., M.D. (Emory University)
Field of Specialization: Medicine

Roy Ernest Booth, Neptune City, N. J.
B.S. (Rutgers-The State University)
Field of Specialization: Ceramic Engineering

John Bostjancich, Oak Park, Ill.
B.A. (Carleton College)
Field of Specialization: Mathematics

Charles Hathaway Bowers, Oxford
B.S. (United States Naval Academy)
Field of Specialization: Nuclear Engineering

Jane Marilyn Brown, Philadelphia, Pa.
B.S. (Eastern Nazarene College)
Field of Specialization: Computer and Information Science

Richard Dean Brown, Mansfield
B.A. (Columbia Union College)
Field of Specialization: Zoology

John Cyril Burke, Beloit, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Mathematics

John Garfield Burt, Louisville, Ky.
B.A. (Hanover College); M.S. (Miami University)
Field of Specialization: Nuclear Engineering

Peter Brian Carroll, Toledo
D.D.S.
Field of Specialization: Dentistry

John Timothy Cavanaugh, Columbus
B.S.E.E. (George Washington University)
Field of Specialization: Electrical Engineering

Channarong Chantanavarangkoon,
Bangkok, Thailand
B.E. (Chulalongkorn University)
Field of Specialization: Civil Engineering

Ramon Con Woo Chea, Jr., San Pedro de Macoris, Dominican Republic
B.S. (University of Wisconsin)
Field of Specialization: Electrical Engineering

Brion Frank Cheroock, Tyrone, N. Y.
B.S. (Saint Bonaventure University)
Field of Specialization: Mathematics

Charles Edwin Chittenden, Columbus
B.A.
Field of Specialization: Mathematics

Larry Dean Clark, Lakewood
B.S. (University of Southern Mississippi)
Field of Specialization: Industrial Engineering

*Doyle Raymond Clear, Jr.,
Waterville
Field of Specialization: Civil Engineering

Florence Carroll Conklin, Columbus
B.S. in Edu. (Northeast Missouri State College)
Field of Specialization: Home Economics

Stephen Kay Conver, Dayton
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering

Philip Bennet Corn, Chicago, Ill.
B.S. (University of Chicago)
Field of Specialization: Physics

Darryl John Costin, Lorain
B.S. (Case Western Reserve University)
Field of Specialization: Metallurgical Engineering

James Lee Cottrill, Columbus
A.B. (West Virginia University)
Field of Specialization: Computer and Information Science

Thomas Earl Croley, II, Worthington
B.C.E.
Field of Specialization: Civil Engineering

Thomas Richard Danford, Bellaire
B.S.
Field of Specialization: Microbiology

Sidney Owen Davis, Yellow Springs
B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Metallurgical Engineering

* Also Bachelor of Civil Engineering.
College of Engineering

- William Wallace Davis, Columbus
B.S.E.E. (University of Nebraska)
Field of Specialization: Computer and Information Science
- Elmer Dalton Dean, Ashville
B.S. in Agr.
Field of Specialization: Agricultural Education
- Thomas Albert DeFanti, Woodside, N. Y.
B.A. (Queens College)
Field of Specialization: Computer and Information Science
- Louis John DeHayes, Jr., Midlothian, Ill.
A.B. (University of Illinois)
Field of Specialization: Chemistry
- Anne Leslie Drazen, Endwell, N. Y.
B.S. (Syracuse University)
Field of Specialization: Computer and Information Science
- James Moody Ellis, Eminence, Ky.
B.S.M.E. (University of Kentucky)
Field of Specialization: Metallurgical Engineering
- Ahmed Nabil Abdallah El-Refai, Giza, Egypt
B.Sc. (Ain Shams University)
Field of Specialization: Civil Engineering
- William Dale Farmer, Columbus
B.S. (Colorado State University)
Field of Specialization: Mathematics
- Robert Earl Forbes, Lima, N. Y.
B.C.E. (Auburn University)
Field of Specialization: Civil Engineering
- James Berry Ford, Youngstown
B.S. (Case Western Reserve University)
Field of Specialization: Metallurgical Engineering
- Gerald David Fritz, Columbus
B.S.E.E. (Drexel Institute of Technology)
Field of Specialization: Electrical Engineering
- Mark Stanley Gerber, St. Paul, Minn.
B.S. (Worcester Polytechnic Institute)
Field of Specialization: Nuclear Engineering
- John George Gergen, Hyattsville, Md.
B.Engr. (Mining Institute Bucharest, Rumania)
Field of Specialization: Geodetic Science
- Tamar Jane Gilson, Columbus
B.S. in Nurs.
Field of Specialization: Nursing
- Edward Leonard Gliatti, Dayton
B.S.E.P. (University of Toledo)
Field of Specialization: Electrical Engineering
- Suat Hun Go, Hastings-on-Hudson, N. Y.
B.S. Ch.Engr. (Mapua Institute of Technology, Philippines)
Field of Specialization: Mathematics
- Donald Allen Goer, Brooklyn, N. Y.
B.S. (Brooklyn College)
Field of Specialization: Physics
- *David Michael Good, Huntington, W. Va.
Field of Specialization: Civil Engineering
- Robert Gerald Govenar, Marblehead, Mass.
B.S.C.E. (University of Massachusetts)
Field of Specialization: Nuclear Engineering
- Robert Allan Grahl, Columbus
A.B. (Capital University);
B.D. (Evangelical Lutheran Theological Seminary)
Field of Specialization: Mathematics
- Robert William Hall, Columbus
B.S. in Agr.
Field of Specialization: Dairy Science
- Kent Nolan Haralson, Black River Falls, Wis.
B.S. (Wisconsin State University at Stevens Point)
Field of Specialization: Computer and Information Science
- Jeremy Markham Harris, Worthington
B.A. (Wesleyan University);
B.S.M.E. (Michigan College of Mining and Technology)
Field of Specialization: Mechanical Engineering
- Walter Allan Hasenmueller, Berea
B.S. (Baldwin-Wallace College)
Field of Specialization: Geology
- **Donald Herbert Hauenstein, Jr., Massillon
Field of Specialization: Industrial Engineering
- Donald Andrew Hayes, Columbus
B.A.A.E.
Field of Specialization: Engineering Mechanics
- John Leslie Henderson, Charlotte, N. C.
B.S. (University of North Carolina at Charlotte)
Field of Specialization: Computer and Information Science
- Sarah Wing Highley, Reynoldsburg
D.V.M.
Field of Specialization: Microbiology
- Richard Farver Hilbert, Columbus
B.S. (San Jose State College)
Field of Specialization: Metallurgical Engineering
- Larry Lee Hipp, Granville
B.S., M.D.
Field of Specialization: Preventive Medicine
- Kent Frank Hoddick, New London
B.S. (Agr.) (Ohio University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Vivian Cornelia Hogan, Norfolk, Va.
B.S. (Virginia State College)
Field of Specialization: Microbiology
- John Frank Holland, Cleveland Heights
B.E.E.
Field of Specialization: Electrical Engineering
- Jan Holm, Montreal, Que., Canada
Field of Specialization: Preventive Medicine
- Stuart Irwin Holtzman, Columbus
B.A. (Washington and Jefferson College); M.D. (Northwestern University)
Field of Specialization: Preventive Medicine
- Peter Tak-Cheung Hon, Berkeley, Calif.
B.A. (University of Oregon)
Field of Specialization: Mathematics
- Robert Joseph Horen, Philadelphia, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Electrical Engineering
- Martin Feng-Tso Huang, Taipei, Taiwan
B.S. (Chung Yuan Christian College of Science and Engineering);
M.S. (College of Chinese Culture)
Field of Specialization: Civil Engineering
- * Also Bachelor of Civil Engineering, College of Engineering.
** Also Bachelor of Industrial Engineering, College of Engineering.

Victor Anthony Henda, Columbus
B.S.E.E. (Case Western Reserve
University)
Field of Specialization: Electrical
Engineering

Glenn Warren Ingram, Houston, Del.
B.E.E., B.M.E. (University of
Delaware)
Field of Specialization: Electrical
Engineering

Stephen Ernest Jacobson, Nevada, Ia.
B.S. (Iowa State University)
Field of Specialization: Chemistry

Madalyn Jo Jarus, Cleveland
A.B. (Ursuline College)
Field of Specialization: Home
Economics

Brian Roy Johnson, Toledo
B.S. (Mount Union College)
Field of Specialization: Physiology

Robert Hampton Johnson, Kettering
M.E. (University of Cincinnati)
Field of Specialization: Mechanical
Engineering

***Robert Keith Jones, Benton Ridge
Field of Specialization: Physics

Eric Richard Jurrus, Findlay
B.S. (Valparaiso University)
Field of Specialization: Physiology

Mihkel Kangilaski, Columbus
B. Met. E.
Field of Specialization: Metallurgical
Engineering

**Jay Ansel Kaplan, Canton
Field of Specialization: Chemical
Engineering

Harold Steven Kaser, Coshocton
B.S. (Muskingum College)
Field of Specialization: Zoology

Philip Michael Kazemersky, Ansonia,
Conn.
B.S. (Worcester Polytechnic
Institute)
Field of Specialization: Nuclear
Engineering

Jean Wootton Kincaid, Johnstown
B.S. in Rest. Mgt.
Field of Specialization: Home
Economics

Nelson Harward Kraus, Delaware
B.S.
Field of Specialization: Anatomy

Charles Richard Krause, Delaware
B.S.
Field of Specialization: Entomology

William Joseph Kuehnle, Jr., Fair
Lawn, N. J.
B.S. (Saint Bonaventure University)
Field of Specialization: Computer and
Information Science

*William Elmer Kunkle, Alvornton
Field of Specialization: Animal
Science

Sally Ann Lambert, Cleveland
B.S. in Nurs.
Field of Specialization: Nursing

Herbert Richard Lander, Jr., Dayton
B. Chem. Engr. (University of
Dayton)
Field of Specialization: Chemical
Engineering

Carolyn Wolfe Lay, Columbus
B.S. (Med. Tech.) (West Virginia
University)
Field of Specialization: Pathology

Eugene Barry Leiderman, Adelphi,
Md.
B.A., M.L.S. (University of
Maryland)
Field of Specialization: Computer and
Information Science

Linda Lou Leis, Farmersville
A.B. (Heidelberg College)
Field of Specialization: Home
Economics

Walter Oleh Leshniowski, Cleveland
B.S. (Kent State University)
Field of Specialization: Microbiology

Robert Lee Levy, Columbus
B.S.
Field of Specialization: Microbiology

Shiu-Ho Chen Lin, Taipei, Taiwan
B.S. in Pharm. (National Taiwan
University)
Field of Specialization: Pathology

Linda Valonen Lundgren, Columbus
B.A. (University of Massachusetts)
Field of Specialization: Zoology

Daniel Joseph Martin, Columbus
B.S. (Villanova University);
M.D. (University of Missouri)
Field of Specialization: Psychiatry

David Francis Maune, Marthasville,
Mo.
B.S.M.E. (University of Missouri)
Field of Specialization: Geodetic
Science

Roger Earl McCay, Reynoldsburg
B.S. For. (Iowa State University)
Field of Specialization: Agricultural
Economics and Rural Sociology

Lynne Stover McCullough, Columbus
B.A., M.D.
Field of Specialization: Anesthesiology

Robert Benning McWilliams,
Columbus
D.D.S.
Field of Specialization: Dentistry

Peter Ludwig Meitner, Columbus
B.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Roberto Merletti, Torino, Italy
Field of Specialization: Electrical
Engineering

*Ioannis Michael, Limassol, Cyprus
Field of Specialization: Entomology

David John Milbrodt, Oak Harbor
B.S. (Capital University)
Field of Specialization: Computer and
Information Science

Elizabeth Cole Moloney, Mentor
B.S. in Edu.
Field of Specialization: Home
Economics

James Peter Mondzelewski, Cleveland
B.S. (University of Dayton)
Field of Specialization: Physics

Lesley Joyce Montgomery, Westland,
Mich.
B.S. in Nurs.
Field of Specialization: Nursing

Carole Anne Mutch, Youngstown
B.S.
Field of Specialization: Botany

Daniel Edward Nemzer, Worthington
B.S. (California Institute of
Technology)
Field of Specialization: Mathematics

Edward Howard Newman, University
Heights
B.E.E.
Field of Specialization: Electrical
Engineering

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

Donna Marguerite Nowell, El Paso, Tex.
B.S. (Texas Western College)
Field of Specialization: Computer and Information Science

Sarah Ann Nunneley, Minneapolis, Minn.
A.B. (Mount Holyoke College);
M.D. (University of Minnesota)
Field of Specialization: Preventive Medicine

Joseph Paul Okang, Accra, Ghana
B.S. (University of Science and Technology, Ghana)
Field of Specialization: Geodetic Science

Prabhakar Harihar Pathak, Santa Cruz, India
B.S. (University of Bombay);
B.S. (Louisiana State University)
Field of Specialization: Electrical Engineering

Ludvik Pfeifer, Topeka, Kansas
B.S.
Field of Specialization: Geodetic Science

Richard Francis Phares, Palisades, Neb.
B.S. (Colorado State University)
Field of Specialization: Computer and Information Science

Gail Katherine Phillips, Muncie Ind.
B.S. (Ball State University)
Field of Specialization: Mathematics

William Charles Phillips, Jr., Bedford B.E.E.
Field of Specialization: Electrical Engineering

Joseph Matthew Plecnik, New Middletown
B.E. (Youngstown State University)
Field of Specialization: Civil Engineering

Cynthia Ann Pound, Newark
B.S.
Field of Specialization: Mathematics

Peter Michael Pronych, Halifax, N. S., Canada
B.A. (University of Saskatchewan);
D.D.S. (Dalhousie University)
Field of Specialization: Dentistry

Ragothama Prahlada Rao, Mysore, India
B.S., M.S. (University of Mysore)
Field of Specialization: Geology

*James Philip Rheinfrank, Columbus
Field of Specialization: Aeronautical and Astronautical Engineering

Glenn Eldon Richard, Columbus
D.D.S. (University of Tennessee)
Field of Specialization: Dentistry

Jaime Ignacio Roa, Bogota, Colombia
Ing. Civil (Pontifical University Catholic Javeriana)
Field of Specialization: Civil Engineering

David Russell Robinson, Worthington
B.S.
Field of Specialization: Geodetic Science

Glenn William Roe, Omaha, Neb.
B.S. in Agr. (University of Nebraska)
Field of Specialization: Dairy Technology

Luis Alipio Roman-Ruiz, Ponce, P. R.
D.D.S. (University of Maryland)
Field of Specialization: Dentistry

Alan Robert Romans, Baton Rouge, La.
D.D.S. (University of Tennessee)
Field of Specialization: Dentistry

Edward Leslie Rowan, Columbus
A.B. (Yale University);
M.D. (State University of New York, Downstate Medical Center, Brooklyn)
Field of Specialization: Psychiatry

**Ronald Gordon Rule, Columbus
Field of Specialization: Electrical Engineering

Steven Edward Russell, Newcomerstown
B.Ch.E.
Field of Specialization: Chemical Engineering

James Hershel Saling, Hilliard
B.S. (Muhlenberg College)
Field of Specialization: Nuclear Engineering

Mahintorn Sastri, Bangkok, Thailand
B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering

Steven Ross Schelkun, Troy
B.A. (Ohio Wesleyan University)
Field of Specialization: Anatomy

Joseph Anthony Schneider, Warren, N. Y.
D.D.S. (University of Michigan)
Field of Specialization: Dentistry

Ann Bertha Scrandis, Richmond Hill, N. Y.
B.S. (City College, New York)
Field of Specialization: Mathematics

Donald James Shade, Garfield Heights
B.Met.E.
Field of Specialization: Metallurgical Engineering

***Willard Norman Shade, Jr., Attica
Field of Specialization: Mechanical Engineering

Krishan Kumar Sharma, Gouard Mission, Alta., Canada
B.S. (Punjab University);
M.S. (University of Saskatchewan)
Field of Specialization: Dairy Technology

Thomas Edward Shirley, Texas City, Tex.
B.S. (Lafayette College)
Field of Specialization: Physics

Dennis Hess Shreve, Woodfield
B.E.E.
Field of Specialization: Electrical Engineering

Sonya Miriam Shultz, Warren
B.S. in Phar.
Field of Specialization: Pharmacy

Shirley Faye Smith, Reynoldsburg
B.S. in Nurs.
Field of Specialization: Nursing

William Dwight Snider, Hebron
B.S. (Case Western Reserve University)
Field of Specialization: Electrical Engineering

Donald Morris Sovine, Fairborn
B.S. in Ed. (Wilmington College)
Field of Specialization: Electrical Engineering

Lawrence Earl Stolz, Cincinnati
B.S. (Xavier University)
Field of Specialization: Mathematics

Timothy Arthur Sullivan, Columbus
B. Cer. E.
Field of Specialization: Ceramic Engineering

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

** Also Bachelor of Electrical Engineering, College of Engineering

*** Also Bachelor of Mechanical Engineering, College of Engineering

William Edward Supp, Xenia
B.S. (Rose Polytechnic Institute)
Field of Specialization: Mechanical
Engineering

Norma Lu Svatos, Cleveland Heights
B.S. in Nurs.
Field of Specialization: Nursing

Prashant Vijai Talwar, Kampala,
Uganda
B. E. (University of Mysore, India)
Field of Specialization: Electrical
Engineering

Hisatoshi Tanaka, Sasebo, Japan
D.D.S. (Kyushu Dental College)
Field of Specialization: Dentistry

Allen Max Tepper, Chicago, Ill.
B.S. (University of Illinois)
Field of Specialization: Electrical
Engineering

*James Arthur Thomas, Cincinnati
B.S.
Field of Specialization: Pharmacology

Ronald Duane Trusty, Panama City,
Fla.
B.S. Pharm. (Drake University)
Field of Specialization: Pharmacy

Marjorie Kay Unklesbay, Columbia,
Mo.
A.B. (University of Missouri)
Field of Specialization: Computer and
Information Science

Mary Fuller VanBuskirk, Columbus
B.S. in H.E.
Field of Specialization: Home
Economics

**Marvin Kenneth Vander Kooi,
Columbus
Field of Specialization: Electrical
Engineering

Guy Vivian Vaughn, Corona, Calif.
B.S. (Louisiana State University and
Agricultural and Mechanical College)
Field of Specialization: Electrical
Engineering

Thomas James Vos, Holdingford,
Minn.
B.S. (University of Notre Dame)
Field of Specialization: Electrical
Engineering

Barbara Little Votaw, Bakersfield,
Calif.
B.S. (University of Denver)
Field of Specialization: Mathematics

Stephen Leslie Warren, Louisville,
Ky.
B.E.E. (University of Louisville)
Field of Specialization: Electrical
Engineering

Steven Henry Williams, Croton
B.S. (Muskingum College)
Field of Specialization: Chemistry

Douglas Marshall Winkeljohn,
Columbus
B.S. in Aero. Engr. (Purdue
University)
Field of Specialization: Aeronautical
and Astronautical Engineering

Byron Richard Wisner, Columbus
D.D.S. (Marquette University)
Field of Specialization: Dentistry

Chin-wen Wu, Taipei, Taiwan
B.S. (Washington State University)
Field of Specialization: Mechanical
Engineering

Carol Elizabeth Young, Louisville, Ky.
B.A. (University of Louisville)
Field of Specialization: Computer
and Information Science

Michael Steven Youshak, Huntsburg
D.V.M.
Field of Specialization: Veterinary
Pathology

Francis Michael Yungfleisch,
Columbus
B.S.
Field of Specialization: Chemistry

Barbara Ann Zimmerman, Dayton
B.S. (University of Dayton)
Field of Specialization: Computer
and Information Science

Master of Social Work Eighty-three candidates

Priscilla May Alexander, Worthington
B.A. (Wellesley College)
Field of Specialization: Social Work

Barbara Ruth Aronoff, Baltimore, Md.
B.A.
Field of Specialization: Social Work

Hannah Hecht Barenbaum, Cincinnati
B.A. (McGill University, Canada)
Field of Specialization: Social Work

Mary Jo Baus, Lancaster
A.B. (Ohio University)
Field of Specialization: Social Work

Patricia Ann Bernard, Youngstown
B.A. (Youngstown State University)
Field of Specialization: Social Work

Ellen Steinberg Bloomfield, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Joseph Chiem Bluestein, Cincinnati
A.B., A.M., B.S. (Ed.) (University
of Cincinnati)
Field of Specialization: Social Work

Ernestine Cynthia Brittingham,
Lewes, Del.
B.A. (Delaware State College)
Field of Specialization: Social Work

Robert John Buchicchio, East
Paterson, N. J.
A.B. (University of Rhode Island)
Field of Specialization: Social Work

Patricia Ann Burks, Ashtabula
A.B. (Central State University)
Field of Specialization: Social Work

Mary Kathleen Culbertson, Fort
Thomas, Ky.
B.S. Ed. (University of Cincinnati)
Field of Specialization: Social Work

Stanley John Debiec, Jr., Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work

Freddie Lee DeCrescentis, Columbus
B.S. (Southern Colorado State
College)
Field of Specialization: Social Work

Patricia Ann Dolan, Cincinnati
A.B. (Thomas More College)
Field of Specialization: Social Work

Rita Thorn Durand, Cincinnati
B.S. (George Washington University)
Field of Specialization: Social Work

Patricia Ann Eber, Cincinnati
B.S. in Soc. Wel.
Field of Specialization: Social Work

Samuel Edward Edge, Cincinnati
B.A. (Alderson-Broaddus College)
Field of Specialization: Social Work

Raymond Francis Egan, Cincinnati
B.A. (Athenaeum of Ohio)
Field of Specialization: Social Work

Harold Stanley Eichenauer, Columbus
B.S. (Bowling Green State
University); B.D. (United
Theological Seminary)
Field of Specialization: Social Work

* Also Doctor of Medicine, College of Medicine
** Also Bachelor of Electrical Engineering,
College of Engineering

- Catherine Elizabeth Elkins, River Forest, Ill.
B.A. (Rosary College)
Field of Specialization: Social Work
- Sharon Joy English, Bedford
B.A. (Eastern Nazarene College)
Field of Specialization: Social Work
- Jerry Martin Fleming, Dayton
B.S. Ed. (Ohio University)
Field of Specialization: Social Work
- William Alfred Fortsch, New Hyde Park, N. Y.
B.A.
Field of Specialization: Social Work
- Alan Stuart Foster, Westfield, N. J.
B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- John Joseph Franck, Cincinnati
B.A., M.A. (University of Dayton)
Field of Specialization: Social Work
- Jennifer Jean Gamble, Rocky River
B.S. (Purdue University)
Field of Specialization: Social Work
- Suzanne Evenson Gee, Worthington
B.S. in H.E.
Field of Specialization: Social Work
- Mark Matthew Geisler, North Miami Beach, Fla.
B.S. (Florida State University)
Field of Specialization: Social Work
- Patricia Chatten Gifford, Dayton
B.A. (Texas Woman's University)
Field of Specialization: Social Work
- Larry Keith Goble, Erlanger, Ky.
A.B. (Milligan College)
Field of Specialization: Social Work
- Marguerite DeAnn Greene, Charleston, S. C.
A.B. (Johnson and Smith University)
Field of Specialization: Social Work
- Thomas James Hemming, Lancaster, Pa.
A.B. (Grove City College)
Field of Specialization: Social Work
- Wayne Michael Holder, Albuquerque, N. M.
B.S. (Wayland College)
Field of Specialization: Social Work
- Mary Kathryn Holzemer, Columbus
B.A. (University of San Francisco)
Field of Specialization: Social Work
- Susan Metz Horn, Dayton
A.B. (University of Miami)
Field of Specialization: Social Work
- Kathleen Lehigh James, Hanover, Pa.
B.A. (Eastern Mennonite College)
Field of Specialization: Social Work
- Patricia Ann Jury, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Judith Helen Kelly, Kenmore, N. Y.
B.A. (Bowling Green State University)
Field of Specialization: Social Work
- Christine Joyce Krantz, Dover
B.A. (Case Western Reserve University)
Field of Specialization: Social Work
- James Ellis Lantz, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- David Alan Lee, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Harriet Rose Lerner, Louisville, Ky.
B.A. (University of Kentucky)
Field of Specialization: Social Work
- Sandra Ann Levine, Putnam Valley, N. Y.
B.A.
Field of Specialization: Social Work
- Janet Elizabeth Lindsay, Schenectady, N. Y.
B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Gretchen Luidens, Columbus
B.A.
Field of Specialization: Social Work
- Edgar Leroy Mack, Erlanger, Ky.
A.B. (Wilberforce University);
B.S. (Gammon Theological Seminary)
Field of Specialization: Social Work
- Jean Carol Mack, Cincinnati
B.S. in Ed. (University of Cincinnati)
Field of Specialization: Social Work
- JoAnn Bleak McGivern, Columbus
B.A.
Field of Specialization: Social Work
- Margaret Ashman McKaig, Cincinnati
B.A. (Wittenberg University)
Field of Specialization: Social Work
- Geraldine Evans Miller, Columbus
B.S. in Soc. Adm.
Field of Specialization: Social Work
- Sharon Horn Minturn, Dayton
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Josephine Greene Mitchell, Columbus
A.B. (San Diego State College)
Field of Specialization: Social Work
- Barbara Montgomery Moore, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Social Work
- Daphne Plaster Morrison, Lebanon
B.A. (Woman's College of the University of North Carolina)
Field of Specialization: Social Work
- Don Dwayne Moseley, Albuquerque, N. M.
B.A. (University of New Mexico)
Field of Specialization: Social Work
- Judith Ann O'Radnik, Kirkwood, Mo.
B.A. (Quincy College)
Field of Specialization: Social Work
- Carole Ann Brannock Pohlmeier, Columbus
A.B. (Wilmington College)
Field of Specialization: Social Work
- Elizabeth Seligson Pollock, Cincinnati
A.B. (Simmons College)
Field of Specialization: Social Work
- Charleen MacEwan Restifo, Martins Ferry
B.A. (Muskingum College)
Field of Specialization: Social Work
- Arthur Richard Reynolds, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work
- Judith Harris Ross, Cincinnati
B.A. (California State College, Hayward)
Field of Specialization: Social Work
- Lenore Yavitz Schneiderman, Columbus
B.A.
Field of Specialization: Social Work
- Beverly Hatter Shelton, Centerville
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Carolyn Blumenthal Silberg, Cincinnati
B.A. (Skidmore College)
Field of Specialization: Social Work
- Barbara Cohen Silverstein, Norfolk, Va.
A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Vera Kay Stephens, Belmont
B.A. (Malone College)
Field of Specialization: Social Work
- Patricia Anne Cauffield Thomas, Dayton
B.S. (Juniata College)
Field of Specialization: Social Work

Izetta Gerard Thompson, Xenia
B.S. in Ed. (Wilmington College)
Field of Specialization: Social Work

Richard Stanley Thompson, Columbus
A.B. (Ohio University)
Field of Specialization: Social Work

Joann Fabin Tompkins, Seven Hills
B.A.
Field of Specialization: Social Work

Richard Harry Trego, Cincinnati
B.A. (Valparaiso University)
Field of Specialization: Social Work

Cheryl Duncan Trent, Dayton
B.A.
Field of Specialization: Social Work

David Albert Ulrich, Cincinnati
A.B. (Morehead State College)
Field of Specialization: Social Work

Rebecca Morrison VanVoorhis,
Louisville
B.A. (Baldwin-Wallace College)
Field of Specialization: Social Work

Marie Montbrand Vigier, Columbus
B.F.A.
Field of Specialization: Social Work

Carol Gillespie Walk, Kettering
A.B. (Ohio University)
Field of Specialization: Social Work

Doris Milligan Walkenhorst,
Cincinnati
B.M. (John B. Stetson University)
Field of Specialization: Social Work

Ginnie Good Warner, Columbus
B.A. (Kalamazoo College)
Field of Specialization: Social Work

Patricia Kellerman Werk, Columbus
B.A. (Miami University)
Field of Specialization: Social Work

Kathleen Harkins Wesselkamper,
Cincinnati
B.A. (Marquette University)
Field of Specialization: Social Work

Carolyn Yeagers, Pittsburgh, Pa.
B.A. (Duquesne University)
Field of Specialization: Social Work

Mie Hae Yoon, Seoul, Korea
B.A. (Ewha Womans University)
Field of Specialization: Social Work

Helen Sperry Zimmerman, Cincinnati
Ph.B., S.B. (University of Chicago)
Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller
Dean for Undergraduate Programs: Lawrence J. R. Herson

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

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Acting Dean: James G. Martin

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Ten candidates

William Allen Baker, III, Worthington
Myron S. Berger, New York, N. Y.
Jeannette Bussiere Howland, Columbus
James Stephen Hughes, Newark
Nancy Ellen Komessar, Columbus
Sue Zann Lampert, New Carlisle
Robert Lewis Maus, Jr., New Philadelphia
Leslie Ellen Paster, Brooklyn, N. Y.
John Edward Reeder, Lakewood
Rebecca Louise Weston, Columbus

Bachelor of Fine Arts

Fifty-eight candidates

Helen Louise Armstrong, Cleveland Heights
James Lee Baker, Columbus
Stephen Richard Baker, Springfield
Richard Franklin Bauer, Crestline
Ruth Lynn Brownstein, Shaker Heights
Daniel Chu, Jr., Mt. Clemens, Mich.

Joseph Michael Collura, Columbus
Ronald Kenneth Crawford, Columbus
Margaret Jane Emerson,

Natrona Heights, Pa.
Craig Edward Evans, Columbus
Willis Gilman Fetherolf, Columbus
Shaylah Ann Fletcher, Mt. Gilead
Marcia Lynne Ford, Columbus
Karen Lea Frush, Columbus
Adrienne Beth Garblik, Cincinnati
Larry Alan Gottfried, Bloomville
Mark Robert Gridley, Columbus
Margery Ellen Halpern, Worcester, Mass.
Nancy Leist Halpin, Columbus
John Elsworth Henry, Lima
Richard Gross Hiestand, Hillsboro
David Alexander Hlynsky, Painesville
Candace Grace Holcomb, Hilliard
Judith Esther Horowitz,

University Heights
David Matthew Kirwin, Columbus
Donna Lorraine Kolley, Warren
Judith Kay Leach, Columbus
Jane Yvette Lubarsky, Fort Lee, N. J.
Jan Henry Maczka, Independence
John Bernard Magella, Columbus
Sheila Sue Maher, Columbus
June Waitas Marshall, Cincinnati
Linda Mary McClung, Columbus
Charlotte Ann Miller, Columbus
John Falls Moore, Jr., Cincinnati
Susannah Naomi Moorhead,

Steubenville
Carl Joseph Oslund, Lyndhurst
Randi Lynn Ozan, Beachwood
Barbara Lee Palmer, Hilliard
Timber Sue Pentz, Columbus
Michael Dennis Reed, Springfield
Garry Alan Romanik, Middleburg Heights
Linda Helene Rosenbaum, Wooster
Frances Harriet Ross, South Euclid
Paul Francis Russo, Akron
George Mark Schwager, Columbus
Stanley Phillip Snouffer, Worthington
Joseph Anthony Tapia, Genoa
Levonne Cooke Volk, Chatham, N. J.
Susan Lee Wertheimer, Highland Park, Ill.
Dolly Marna Weston, Great Neck, N. Y.
Rodger Bruce Wilson, Columbus
Ronald Steven Winarski, Parma
Janet Bohac Winegarner, Columbus
Don Frederick Wittekind, Columbus
Nancy Jean Wolen, Cleveland
Linda Diane Wolf, Port Clinton
Phyllis Rankin Zlasney, Sandusky

Bachelor of Music

Ten candidates

Ellen Renee Benson, Florence, Ky.
*Glee Alison Blosser, Baltimore
Nelly Maude Case, Washington C. H.
Jenny Teh Jen Ching, Kowloon, Hong Kong
Claudia Priscilla Dumitrescu, Jackson Heights, N. Y.
*Kathleen Sue Harrod, Harrod
Nancy Ann Maupin, New Carlisle
Curtis James Pierce, Columbus
Richard Craig Whittington, Ashtabula
Janice Lee Yake, Columbus
* Also Bachelor of Music Education, College of Education

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Arts

Three candidates

Maureen Ann Glatteman, Trotwood
James Raymond Liles, Lafayette
Philip Loren Sannes, North Canton

Bachelor of Science

One hundred and ninety-three candidates

Eve Adler, Cleveland
George Michael Albu, Niles
Harry Lowell Amsbary, Gallipolis
Richard Moore Anderson, Monroe
Robert Louis Andras, Springfield
Mark Leighton Apling, Oak Harbor
Mary Joan Arnett, Westerville
Eric Brian Ault, Columbus
David Edward Baehr, Berea
Cynthia Carol Bailey, Franklin Furnace
Frank Michael Baldauf, Delphos
William S. Bambrick, III, Columbus
Terry Lee Baugh, Fairborn
Janet Winifred Bay, Kilbourne
Mark Thomas Bentley, Martins Ferry
Terry Berkley, South Euclid
Larry Berkwitz, Akron
Harry Alan Bernheim, South Orange, N. J.
Thomas Lee Boggs, Jr., Hilliard
Jaren Douglas Bombach, Dayton
Bonnie Lou Bosworth, Gallipolis
Daniel Donald Brattain, Sandusky

Pamela Lou Burger, Morrow
 Michael Robert Buring, Columbus
 Betty Love Burk, Chagrin Falls
 Gary Charles Caplan, Levittown, Pa.
 Timothy Dale Carter, Ashtabula
 Janet Parr Chapman, Bay Village
 Anthony Samuel Cicatiello,
 Youngstown
 Edward Louis Clark, Jr., Akron
 Lewis Stanton Coleman, Marietta
 Ralph William Colla, Youngstown
 Marilyn Sue Cook, Westerville
 George Michael Cotterman, Wauseon
 John Francis Cullen, Jr.,
 Southport, Conn.
 Ruth Allen Daneman, Waterville
 Kenneth Alan Davis, Columbus
 Richard Allen Davis, Columbus
 Thomas Leon DeBauche, Columbus
 Joseph William DeHaven, Kettering
 John Edward Dehner, Bethel
 Anthony Joseph Dennis, Springfield
 James Vincent DiCola, Columbus
 Robert Henry Doeringer, South Euclid
 Bryant Arthur Doyle, Silver Lake
 Gerald Allan Dysert, Summerfield
 Karl Von Ebner, Lafayette
 Bruce William Elliott, Jr.,
 Cleveland Heights
 James Eugene Ellis, Warren
 Diane Mary Elwell, Columbus
 Thomas Philip Englert,
 McKeesport, Pa.
 Richard Charles Erickson,
 Oakdale, Mass.
 Thomas Irvin Folden, Gallipolis
 Danny Joseph Fresch, Sandusky
 David William Fry, Buckland
 Michael John Fuhrman, Lorain
 Kristine Marie Gable,
 Newton Center, Mass.
 Robert William Gochoel, Jr.,
 Columbus
 Mark Richard Gordon, Fairborn
 William James Gorman, Columbus
 John Baylis Graef, Jr.,
 Cuyahoga Falls
 Gregory Mark Gray, Canton
 Russell Wesley Grice, Dublin
 Thomas Gordon Griffith, Mt. Gilead
 Thomas Stephen Groves, Toledo
 Steven Ifor Gutman, Dayton
 Gerald Allen Guzik, Lorain
 Pamela Maxine Hale, Jackson
 James Michael Hamilton, Columbus
 Rita Jane Hargrave, Hicksville, N. Y.
 David Thomas Harris, Youngstown
 Roger Allen Hart, Sherwood
 Bruce Patrick Hatfield, Columbus
 Jean Elizabeth Hay, Leesburg
 Dale Francis Hibner, Columbus
 Howard Jay Hoffman,
 Spring Valley, N. Y.
 Bruce Edward Howard, St. Paris
 Michael Jay Hunter, Columbus
 Tommy Lynn Igleburger, Dayton
 Shelby Edward Jarrell, Jr.,
 Woodsfield
 Jeffrey Lee Johnson, Grove City
 Michael Kenneth Johnson, Springfield
 George Gediminas Juodenas,
 Cleveland
 Robert Richard Kamps,
 West Richfield
 Edward Grant Kur, Ambler, Pa.
 David Mark Kaszubski, Toledo
 Jeffrey Noel Kauffman, Columbus
 Robert Michael Keenan, Steubenville
 Jo Ellen Kidwell, Columbus
 James Eric Kippen, Shaker Heights
 James Alan Kladney, Columbus
 David Lynn Klein, Coshocton
 Albert Martin Kluczynski, Cleveland
 Richard William Kost, Mt. Vernon
 Theodore Kent Krisber, Worthington
 Karl C. Kuban, Columbus
 Michael Jay Kuntz, York, Pa.
 John Albert Kunze, Columbia Station
 Terry John Kyle, Parma
 Jack Darryl Kyman, Cleveland
 Randall Jacob Ladermann, Wauseon
 Richard Eugene Leeth, Columbus
 Johanna Bernadette Leonowicz,
 Trenton, N. J.
 Donald Carter LeRoy, Fairfield
 Esther Ann Levy, Cincinnati
 Albert Leyva, Jr., Columbus
 Michael Linde, Columbus
 John Alan Linthicum, Columbus
 John Ernest Loggie, Columbus
 Louise Ann Loynachan, Cleveland
 Peter Marc Luckower,
 Mt. Vernon, N. Y.
 Kay Louise Lyons, Blanchester
 Michael Dale Mackan, Columbus
 Robert Marc Mandelkorn, Columbus
 Philip Marder, Maywood, N. J.
 Ronald Frank Maxhimer, Columbus
 Gerald Richard May, Sebring
 Joseph Lee Mayhugh, Shadyside
 Patricia Ann McDaniels,
 Indianapolis, Ind.
 Lyle Eugene McGaughey,
 Cleveland Heights
 Norman Joel Metz, Englewood, N. J.
 Edward Henry Miller, Toledo
 Gregory Scott Mills, Cincinnati
 Richard Eugene Minter, Richwood
 John Edward Mitakides, Dayton
 Larry Ronald Noblick, Newark
 Steven Lee Owdom, Solon
 Richard Terry Orlin, Lyndhurst
 Thomas George Oyer, Wapakoneta
 Terence Alen Pakish, Cleveland
 Edward George Parobek, Jr.,
 Cleveland
 Gary David Parson, Columbus
 David Alan Parsons, Columbus
 Stanley Thomas Payne, Columbus
 William Dale Penman, Sharon, Pa.
 Sandra Marie Penter, Cleveland
 Jennifer Louise Peterson, Ashtabula
 Clive Attila Petrovic, Columbus
 Rick Edward Pfefferle, Columbus
 Harvey Marvin Pickrum, Columbus
 Heinz Popiela, Columbus
 William Lee Price, Delaware
 Thomas Michael Raabe, Delphos
 Dennis Mark Rafferty, Clinton
 Scott Allen Ransom, Clyde
 Rosa Shine Raskin, Columbus
 Julius Bruce Resnik,
 Cleveland Heights
 Stephen Edward Risner,
 West Portsmouth
 Steven LeRoy Rogers, Kenton
 Frederick D. Rogoff, Cleveland
 David Michael Rosenberg, Beachwood
 Barbara Lee Ross, Loveland
 Michael Roth, Columbus
 Petrasita Tapia Roth, Columbus
 Carol Anne Rotilie, Akron
 David Leo Roush, Columbus
 Alex David Sales, Uhrichsville
 Donna Jean Salsburey, Ottawa
 Scott Johnston Saum, Toledo
 Beverly Jean Schaefer, Cleveland
 Ronald Harvey Schild, Akron
 Edward Franklin Schlegel, III,
 Coshocton
 Bronwen Ann Schultz,
 Cuyahoga Falls
 Jeffrey Eric Schultz,
 University Heights
 William Arthur Seib, Dover
 Sidney Lee Shafran, South Euclid
 Michael Paul Smeltzer, Reynoldsburg
 Jack Spratt, Jr., Toledo
 Donna Jean Sprinkle, Hillsboro
 James Edward Staber, II, Columbus
 Pete D. Stavrides, Dayton
 Michael Allen Steele, Bucyrus
 Robert Eiden Swisher, Newark
 Carol Louise Swonger, Columbus
 Susan Elaine Swonger, Columbus

Charles Lynn Thompson, Lima
 Patricia Anne Urban, Akron
 Thomas Robert Vajen, Napoleon
 Mary Frances Vartorella,
 Berlin Heights
 Larry Taylor Walker, Columbus
 Ronald Lynn Walker, Columbus
 Charles Burnie Wallace, Columbus
 James Michael Ward, Jr., Columbus
 Barbara Jean Weaver, Dayton
 Janna Page Wehrle, Columbus
 Donald Randy Weidner, Reading, Pa.
 James Charles Willeford, Columbus
 Charles Frosh Willis, Columbus
 Bruce David Winchester, Oregon
 Janet Ann Winkler, Poland
 Gordon Ray Woosley, Columbus
 Stanley Kay Yarnell, Wooster
 Robert Harold Yockey, Jr.,
 Kittanning, Pa.

College of Humanities

Dean: Charles L. Babcock

Bachelor of Arts

One hundred and ninety-six candidates

Gerard Israel Adelman,
 Brooklyn, N. Y.
 Mary Allene Allen, Columbus
 Michael Lee Anderson, East Liverpool
 Gabriella Angel, St. Bernard
 Elma Carmela Antonelli,
 Logansport, Ind.
 Constance Hannah Balcher, Cleveland
 Richard Lee Barnett, Jr.,
 Birmingham, Mich.
 Robert Gilbert Bath, Cincinnati
 Andrew Daniel Bemer, Jr., Cleveland
 Spencer Ross Benedict, Akron
 John Ira Bennett, Columbus
 Peggy Louise Bennington, Cadiz
 William David Berk, Cleveland
 Jeanette Elaine Bialczak, Columbus
 Patricia Scroggins Biegel,
 Columbus
 B.S. in Edu.
 Susan Jane Bonnell, Worthington
 Joseph Bartholomew Borgo, Columbus
 Sylvia Faye Bornstein, Columbus
 Wayne Alan Brown, Columbus
 Michael Joseph Buttress, Columbus
 Michael Anthony Cahill, Springfield
 Jeffrey Paul Cajka, Lorain
 Robert Otto Carson, Garfield Heights
 Joseph Edward Caruso,
 Gloversville, N. Y.
 Deborah Ann Cavendish, Columbus

Karen Jo Cesar, Columbus
 Robert Edward Christy, Lancaster
 Philip Schuyler Church, Jr.,
 Bellefontaine
 Constance Ann Cockrell, Columbus
 Daniel Schaffner Cody, Columbus
 Carl Israel Cohen, Indianapolis, Ind.
 Gloria Rosof Corn, Lawrence, N. Y.
 Russell Ford Crabtree,
 Washington C. H.
 Jane Elizabeth Craft, Columbus
 Robert Lee Cummings, II, Litchfield
 William Edward Curphey, III,
 Columbus
 Joyce West Davidson, Columbus
 David William Davis, Columbus
 James Martin Dershem, Worthington
 Rene Adrian DeVos, Columbus
 William Robert Donaldson, Columbus
 Todd Reign Dunkle, Swanton
 Sue Beth Dusthimer, Columbus
 Marjory Irene Ehrlich,
 North Miami Beach, Fla.
 Donn Gerald Ellerbrock, Columbus
 Larry Eugene Ely, Westerville
 Karin Lynne Emmert, Cincinnati
 Judith Carol Engelman, Columbus
 Jeanne Marie Erickson, Columbus
 John Stephen Everard, Sheffield Lake
 Gary Allen Feess, Columbus
 Allan Bradley Felber, Pepper Pike
 Mark Stephen Feldheim, Cleveland
 Stephen Edward Fortkamp, Columbus
 Jeanne Ellen Fosnaught, Lindsey
 Jeffrey Lynn Foust, Coshocton
 William Arthur French, Columbus
 Sherry Phyllis Friedman,
 Edison, N. J.
 Joseph Walker Fusco, Columbus
 Annette Marie Gargas, Lorain
 Michael Ford Gehrig, Terrace Park
 Roger Thomas Geise, Delphos
 James Richard Gould, Columbus
 Diane Greenbaum, Cleveland Heights
 Jeffrey Mark Greenbaum,
 Cleveland Heights
 Joann Elizabeth Groh, Galion
 Richard Martin Gunther,
 Des Moines, Ia.
 Alan Paul Gustafson, Gowanda, N. Y.
 Ann Elizabeth Hackett, Columbus
 Chad Ralph Hallenborg, Cleveland
 Barbara Leach Harth, Columbus
 Robert Anthony Hoegier,
 Cleveland Heights
 Walter Charles Hoekstra, Columbus

Andrew Cullis Hoffman,
 Alexandria, Va.
 Keith Eugene Hyslop, Columbus
 Daniel Jacoby, Elyria
 Jean Kay Jenkinson, Columbus
 Dale Wayne Johnson, Columbus
 Ellen MacNeill Johnson,
 Chagrin Falls
 Anne Marya Kading, Gambier
 Robert James Kelley, Columbus
 *Frederick Dean Kelsven,
 Belle Center
 David Keel Kennedy, Mineral City
 Paul Bentley Kerr, III, Hicksville
 William Thomas Kessler, Newark
 Paula Smith King, Columbus
 Lawrence Eugene Kirby, Columbus
 James Lloyd Kirkpatrick, Columbus
 Arthur John Klein, Cleveland
 Stanley Lane Knipp,
 Charleston, W. Va.
 Dietmar Konrad Kossmann, Columbus
 Michael Joseph Kuhlman, Findlay
 Ronald Alfred Landefeld, Columbus
 Sandra Lane, Columbus
 Philip Eugene Langer, Dayton
 Frances Ellen Lappe, Columbus
 Raymond Miles Larussa, Columbus
 Carl Casner Law, III, Utica
 Roger William Leslie, Columbus
 Barbara Sharon Levine,
 Freeport, N. Y.
 Andrea Lewin, Columbus
 Carlisle George Lewis, Jr., Zanesville
 Marc Edward Liebling, Cleveland
 *Philip Gilmore Lumpkin, Wilmington
 Conrad Francis Marsili, Columbus
 *Leonard Ned Mathless, Columbus
 Terence James McCarthy, Columbus
 Howard Dean McCleese, Portsmouth
 Rex Calvin McCoy, Columbus
 Steven Jerry McCoy, Washington C.H.
 John Gary McDavid, Galion
 George Steven McGuire, Marion
 Thomas Charles Mechenbier, Dayton
 Linda Lou Meyers, Deltona, Fla.
 Marilyn Elizabeth Miller,
 Stamford, Conn.
 William Walter Miller, Canton
 Jeffrey Edward Mirel, Beachwood
 Charles Laddie Molnar, Berea
 Richard Alan Moore, West Union
 Edward Joffre Mounier, Toledo
 David Kim Murray, Columbus
 Larysa Ann Mykyta, Lorain
 Terry Scott Nagel, Cincinnati
 James Ralph Natal, Chicago, Ill.
 *Also Bachelor of Science in Education,
 College of Education

Marvin Keith Neff, Fairborn
 Larry Russel Nettle, Columbus
 Chris Thomas Nolan, Akron
 Lloyd Steven Nolan, Columbus
 William Louis Nolan, Levittown, N. Y.
 Phillip Stephen Oberrecht, Hamilton
 Kathleen Marie Owens,
 Shaker Heights
 Andrew Alex Pabijan, Parma
 †Armida Lourdes Padilla, Columbus
 David Thomas Pilotti, Columbus
 Robert Lee Popham, Mansfield
 Michele Elaine Popp, Columbus
 Nancy Lee Pryor, Fairborn
 Pinkie Quisenberry, Dayton
 Max Emerson Raines, Columbus
 Janet Rainin, Shaker Heights
 Linda Jane Ravdin, Richmond, Va.
 Frank Allen Ray, Dublin
 Edward George Razek, Columbus
 James Benjamin Recchie, Columbus
 Donald James Reinhard, Dayton
 Cheryl Dianne Rieger, Uniontown
 Lawrence Russell Rittgers, Logan
 Wendy Carol Ronas, Brooklyn, N. Y.
 Michael Oris Roush,
 Wartsmith AFB, Mich.
 Wayne Rudolph, Columbus
 Mary Margaret Ryan, Columbus
 Susan Blair Ryckman,
 Harrisonburg, Va.
 Janice Ellen Saunders, Columbus
 Robert Louis Schnieber, Cincinnati
 Charles Harry Schoborg, Cincinnati
 Faye Ellen Schott, Westerville
 Patricia Lynn Schrader, Youngstown
 Ann K. Seabright, Lakewood
 Gary Allan Seckman, Columbus
 Pamela Jean Sharpe, Tiffin
 Michael Forrest Shaw, Columbus
 *Donna Ruth Sheets, Columbus
 Pamela Kay Sipe, Granville
 Rita Rousseau Sisinger, Columbus
 Radojka Skocic, Parma
 Thomas Edward Smith, Norwalk
 Ronald Lee Snyder, Columbus
 *Steven Nathan Solomon, Youngstown
 Kathleen Anne Spahr, Xenia
 William Alexander Springer,
 Mansfield
 Donna Lynn Stark, Bayside, N. Y.
 John Renwick Steele, Jr.,
 Reynoldsburg
 Lewis Franklin Stiles, Columbus
 Bonnie Jean Williams Swisher,
 Columbus
 Rick Willard Tanney, Mansfield
 Danny Joe Terrible, Columbus
 John Thomas Tolhurst, Columbus

Martha Ann Tonjes, Sherwood
 Gary Alan Trelka, Amherst
 Franklyn Emerson Tyler,
 Unadilla, N. Y.
 Henry Addison Van Hala, Jr.,
 Rocky River
 Peter Edward Vonderau, Columbus
 Charles Bernard Vonder Embse., Jr.,
 Mansfield
 Rebecca Anne Wallace,
 New York, N. Y.
 Marc Lewis Weinberg, Columbus
 Carol Whiteside Weisenberger,
 Columbus
 Harry Ellis Whitehead, Jr., Columbus
 Gary Phillip Williams, Rocky River
 Patricia Louise Wilson, Rye, N. Y.
 William Lee Wilson, Waterville
 Daniel Lee Wise, Columbus
 Michael Earl Wonacott, Columbus
 Deborah Anne Woodcock, Niles
 Clarence Eugene Wright, III,
 Washington C. H.
 Robert Safford Zapp, Short Hills, N. J.
 Arthur Warren Zerby, III, Mansfield

Kenneth James Baker, Columbus
 Larry Delford Barker, Columbus
 Charles Gary Bathke, Oregon
 Dale Alan Bauer, Columbus
 Brian Michael Becher, Columbus
 Thomas Albert Beiter, Lancaster
 William David Bell, Miamisburg
 Georgia McClure Benkart,
 Youngstown
 David Ernest Bindschadler,
 Pittsburgh, Pa.
 Donald Patrick Bishop, Columbus
 Daniel Hadley Booren, Columbus
 Mark Alan Boster, Columbus
 Barbara Ellen Boughton, Columbus
 Nancy Louise Boyer, Independence
 Bruce James Bradshaw, Columbus
 William John Braskich, Parma
 Boyd Alexander Brown, Mt. Sterling
 Cheryl Jo Victoria Cala,
 Chagrin Falls
 John Calvin Callihan, Ashtabula
 James Allan Capistran, Zanesville
 Gary Lynn Carpenter, Columbus
 James David Caudill, Columbus
 Stephen Roger Channon, Columbus
 Brian Oliver Clark, Sandusky
 James Edward Coursey, Columbus
 Edward Francis Davis, Newark
 Gerald Allan Derbyshire, Columbus
 James Edward Docherty, Grove City
 Maurice Mourad Douek, Columbus
 Jonell Anne Duda, Newark
 Robert Allen Farr, Canfield
 Bruce Allen Fellows, Columbus
 Mary-Frances Ferrari, Mason
 Joe Allen Fetzer, Columbus
 Terrence Gene Frey, Plain City
 John Joseph Gardner, Chicago, Ill.
 B.A. (Villanova University)
 Richard Wesley Garvin, Kenton
 David Gobey, Oakhurst, N. J.
 Gerald Lee Goldsmith, Newark
 Robert Edward Greenamyre, Leetonia
 Frank Allan Greenwood, Jr.,
 Columbus
 James Edward Gregory, Jr.,
 Springfield
 William Tod Gruenbaum, Marysville
 Thomas Edward Hamilton, Marietta
 Dennis Blair Harrold, Avon Lake
 Lorraine Ann Heitchue, Columbus
 Edward Steven Hirtgelt, Hubbard
 James Joseph Hohman, Caldwell
 Cheryl Lynn Hoke, Kettering

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

Bachelor of Arts

Eleven candidates

Michael Peter Arthur,
 South Bend, Ind.
 Ronald Melvin Beerman, Cincinnati
 Frances Fenner Glaze, Columbus
 James Nellis Harkless, Zanesville
 *Jay Charles Juliussen, Akron
 Bruce Lynn Kaminski, Lorain
 James Joel Kendall, Cridersville
 Donald Nicholas Kender, Clifton, N. J.
 **Carol Roth Kollarits, Uhrichsville
 William Alfred Sherertz, Lynchburg
 *John David Stephens, Hillsboro

Bachelor of Science

One hundred and twenty-three candidates

James Michael Adamski, Columbus
 Melvin Aden, Cleveland
 Lee Cathrin Allmen, Rocky River
 John Parry Andrews, Jr., Columbus

† Also Certificate of Graduate Dental Hygienist, College of Dentistry
 * Also Bachelor of Science in Education, College of Education
 ** Also Doctor of Medicine, College of Medicine

Donna Mae Holliday, Campbell
 Charles Eugene Hootman, Walbridge
 Charles James Hunter, Columbus
 Pamela Jane Hurlay,
 Ellicott City, Md.
 Carol Wall Hyslop, Columbus
 Kenneth Lewis Jaffe, Shaker Heights
 David Alphonse Jendrzewski,
 Brooklyn Heights
 Patricia Ann Jordan, Edison, N. J.
 Jon Arthur Kline, Perry
 Rebecca Mariko Koja, Parma
 David Lee Koster, Barberton
 Richard Philip Lacks, Akron
 David Charles Laubie, Shelby
 Ernest William Leggett, Jr.,
 Columbus
 Larry Stephen LeMaster, Columbus
 Erik Matthew Lintala, Wooster
 David Terry McCann, Johnstown
 Larry Thomas McHale, Dayton
 Lois Ann Mefferd, Lima
 Andrew George Mehas, Jr., Columbus
 B.A. (Miami University)
 Richard Lee Merkel, Dillonvale
 Michael Philip Moorman, Dayton
 David Martin Muller, Barberton
 Judith Ann Neuffer, Wooster
 Robert Douglas Newcomb, Monroe
 Roger Boyd Noll, Plainfield, N. J.
 John Lorenz Oswald, Monroe
 Mary Jo Phillips, Attica
 Steven Lawrence Prinzbach, Milford
 Sigmund Joseph Puchacz, Jr.,
 Columbus
 Timothy Joseph Quill, Columbus
 Thomas Joseph Quinlan,
 Millville, N. J.
 Edward Brier Radatz, Canton
 Mark Halsey Randles, Worthington
 Thomas Franklin Rees, Columbus
 Stephen Stanley Richman,
 Indian Harbor Beach, Fla.
 James Monroe Rohlf, Green Springs
 Thomas Howard Rutherford,
 Columbus
 Sheldon Leonard Schafer, Columbus
 Susan Pfaadt Scholl, Coshocton
 John Warren Senf, Columbus
 Kafeel James Shaheen, Canton
 Kenneth Lee Shellberg, Cary, N. C.
 Dorothy Fay Slimmer, Millville, N. J.
 Elsie Ray Slimmer, Millville, N. J.
 Ira Wesley Smith, Columbus
 Joseph Richard Sparks, Perrysville
 John Hughey Sprinkle, II, Akron

Robert Lawrence Steinberg,
 Dewitt, N. Y.
 Peter Gregory Stone, Worthington
 Sharon Ann Stonecipher, Chardon
 Charles David Swaney, Springfield
 Carol Ann Taylor, Canton
 Edward Vincent Tomsic, Lockbourne
 Douglas Wayne Townsend,
 Ft. Mitchell, Ky.
 Carl Brent Umstead, Sidney
 Daniel Edgar Underwood, Columbus
 Linda Ann Uschak, Garfield Heights
 David Lee Van Harlingen, Kettering
 Larry Brent Vosburgh,
 Cameron Mills, N. Y.
 Jutta Lerch Wait, Parma
 Cheryl Joan Waldeck, Columbus
 Allan John Wentink, Skokie, Ill.
 Thomas Kurt Werling, Columbus
 Marvin Charles Whiting,
 Eagle Mt., Calif.
 Robert Leo Wourms, Columbus
 John Austin Wyekoff, Jr., Columbus
 Hsushi Yeh, Columbus
 David Yuan-Yee Yun, Columbus
 David Alan Zelman, Columbus,
 B.A.

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

Three hundred and twenty-three candidates

Pamela Wilbert Ables, Green Springs
 Robert Shane Abramson, Canton
 Kenneth Alan Akers, Chagrin Falls
 Geoffrey Edward Albrecht, Columbus
 *Richard Baily Allen, Columbus
 John Bell Anderson, Columbus
 †Norene Lee Armstrong, Columbus
 Gary Alan Arthur, Cridersville
 †Janis Elaine Baisel, Lakewood
 William Walter Banks, Delaware
 Benjamin Franklin Banta, IV,
 Oswego, N. Y.
 Donna Marie Bardeschewski,
 Putaski, N. Y.
 William Michael Barilka, Lakewood
 Wayne Alan Barnett, South Euclid
 Randall Eugene Beatty,
 Canal Winchester

Henry Goodman Berman,
 Shaker Heights
 Thomas William Bickerton,
 Youngstown
 *Roger Edmond Billingsley,
 Columbus
 Patrick Arthur Binns, Trenton
 Mary Louise Black, Cuyahoga Falls
 Patricia Matthews Boling, Columbus
 Michael David Bork, Huron
 Stuart Neal Bornstein, Norfolk, Va.
 Harold Edmund Brazil, Columbus
 Charles Wesley Breece, Dayton
 Frederick Latimer Brewster,
 Cincinnati
 Charles Richard Brite, Jr., Lakewood
 James Vernon Brown, Jr., Columbus
 Suzanne Lynn Brown, Mobile, Ala.
 Charles James Buemi, Independence
 Michael James Burke, Columbus
 James David Burton, Wellston
 Thomas David Byrom, Chardon
 Allen Leonard Byrum, Orient
 Herman Adrian Cain, Columbus
 Thomas Eugene Caldwell, Troy
 Nannette Louise Capek,
 Maple Heights
 Jeanne Ann Carr, Dublin
 Stephen Michael Carter, Westerville
 James David Caruso, Columbus
 James Frederick Caslick, Ithaca, N. Y.
 Dina Cautela, Worthington
 *Nick Vincent Cavalieri, Parma
 Bruce Edward Chameroy,
 Red Bank, N. J.
 Richard Ray Chapman, Cincinnati
 Arnold Jeffery Clebone, Columbus
 Phillip Code, Warren
 Francine Carol Cohen,
 University Heights
 Robert Elliott Collier, Dayton
 Burton Merle Collins, Cleveland
 Harrison Scott Condit, Columbus
 Christopher Lee Conn, Columbus
 *Thomas Bernard Connery,
 East Liverpool
 Neil Allan Conrad, Cleveland
 *Michael Nolan Cook, Norwalk
 Anne Marie Coon, Columbus
 David Stuart Cooper, Cincinnati
 Ann Gayle Corcoran, Columbus
 Daniel Charles Corley, Parma Heights
 Cathy Ann Cox, Poland
 Thomas James Czelusta, Toledo
 William John Davis, East Liverpool

* Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

James Ray Deerhake, New Knoxville
 Andrew Joseph Deibel, Columbus
 Gregory Scott DeWolfe, Defiance
 Robert Alan Dickinson, Oberlin
 Louis Thomas Dondero, Sidney
 Michael John Draganic, Cleveland
 Ercelia Ethel Draper, Stow
 Libby Ann Duszynat, Cincinnati
 John Sidney Evans, Cleveland
 Arnold Jeffery Faigin,
 University Heights
 Michael Joseph Ferguson,
 Brooklyn, N. Y.
 Abe I. Fischer, Cincinnati
 Jack Robert Fisher, York, Pa.
 Stephen Charles Fitch, Portsmouth
 Alan Bruce Fliegel, Mansfield
 Jeffrey William Fodor, Leavittsburg
 Virgil Joseph Foltz, Jr., Independence
 Thomas Chapman Forster, Sandusky
 Lawrence Herbert Forsythe,
 Columbus
 Jan Thomas Fraley, Frankfort, Ky.
 William Aiello France, Cleveland
 Nancy Lynn Freas, Rochester, N. Y.
 Kenneth Edward Freedman, Columbus
 Pamela Kay Gaddis, Worthington
 †Cheryl Ann Garber, Pittsburgh, Pa.
 Helen Bissell Garverick, Lexington
 Joseph Roy Gearing, Wapakoneta
 Dale Edward Gentry, Fairfield
 Leonard Max Geyer, Cincinnati
 Steven Eugene Glass,
 Washington C. H.
 †Jeanne Marie Gliebe, Fairview Park
 Gerald Bruce Golub, Shaker Heights
 Greg Devitt Gordon, Akron
 Jack Richard Graf, Jr., Columbus
 Susan Kay Grau, Genoa
 Matthew Floyd Graves,
 Averill Park, N. Y.
 Nancy Karen Gray, Shaker Heights
 Mary Jane Green, Kettering
 Robin Queen Green, Hebron
 Horatius Alexander Greene, II,
 Jersey City, N. J.
 Richard Michael Griffith, Columbus
 Thomas Patrick Grims, Cleveland
 John Edward Grueschow, Jr.,
 Bay Village
 Robert Lee Guehl, Dayton
 Diane Lynn Habener, Columbus
 William Michael Hackworth,
 Cincinnati
 John Peter Hakkio, Fairview Park
 Celia Ruth Handel, Newark
 Linda Ruth Hankinson, Cincinnati
 †Dale Jean Harshman, Lima

Philip Brennan Hart, Jr.,
 Oakmont, Pa.
 Jerry Randall Hatton, Columbus
 Dennis Harold Heitz, Cincinnati
 Ann Elizabeth Henkener,
 New Knoxville
 Andrew Campbell Hess,
 Orchard Lake, Mich.
 Karen Vogely Hirt, Cincinnati
 Janet Marie Hlavna, Cleveland
 *Ronald Lee Hoch, Prospect
 Pamela Kay Hoffman, Celina
 David Bruce Hollenbeck, Columbus
 Jerry Lee Holt, Etna
 Felix Alfred Hoover, Columbus
 Deborah Louise Hopple,
 North Olmsted
 Timothy Lee Horn, Columbus
 Mary Ann Hrvatin, Salem
 Pamela Gale Humphreys,
 Plainfield, N. J.
 David Andrew Jacobs, York, Pa.
 Glenn Stuart Jacobs,
 West Long Beach, N. J.
 Michael Charles Johnson,
 New Philadelphia
 James Gordon Joseph, Beachwood
 Myrna Leslie Kadish, Oak Park, Ill.
 Robert Kerry Kalmbach, Sylvania
 Joseph Robert Kapps, Columbus
 Alexander Katz, Cleveland
 Joseph Anthony Kay, Jr.,
 North Royalton
 John Harrison Kelly, Columbus
 Patrick Kelly, Columbus
 Patricia Ann Kennedy, Mansfield
 Richard Christopher Kennedy,
 New Philadelphia
 Donald Kennicott, Lexington, Tenn.
 Timothy Paul Keppler, Columbus
 Michael Miller Kerns, Gallipolis
 Vincent William Kinehan, II,
 Columbus
 Julia Sheridan Kinschner, Columbus
 Kenneth Allen Klase, Auburn, Ala.
 June Ellen Komar, Bedford
 James Allen Kopf, South Euclid
 Larry Jack Korland, Edison, N. J.
 David Alan Kottler, Cleveland
 Pamela Ann Kowalski, Cleveland
 Gale Ann Kraus, Chicago, Ill.
 Karyn Sue Krone, Lincolnwood, Ill.
 Ronald Hal Krug, Clifton, N. J.
 Robert Allan Kuth, Cincinnati
 Thomas Christopher Lambert,
 Columbus
 Jerome Landau, Youngstown
 Billie Sharon Langston,
 North Olmsted

Ronald Harold Lasko, Cleveland
 Steven Bruce Leebow, Columbus
 Frank Ronald Leone, Youngstown
 Gary Frank Leopold, Cincinnati
 Philip Shane Levoff, Columbus
 Douglas Dennis Levy, Clark, N. J.
 Susan Mariella Longauer,
 North Olmsted
 Ellsworth Love, Cincinnati
 Dianne Lynn Mahler, Sylvania
 Nancy Karen Mairs, Wooster
 Michael Gene Malinas,
 Shaker Heights
 Christine Manos, Bay Village
 †Marylin Jane Marrinson, Cincinnati
 Jeffrey Philip Marsh, Columbus
 David Cargill Marshall, Columbus
 James Craig Marshall, Salem
 James William Maynard, Columbus
 Colin John McAdie, Ellicott City, Md.
 George Ray McCann, Springfield
 Tyrone Stong McCarthy, Columbus
 †Deborah McClung, Columbus
 Daniel Eugene McDonough,
 Mechanicsburg
 Robert Myers McGreevey, Cincinnati
 Anna Marie McIntyre, Lyndhurst
 Gilbert Edmund Melton, Cleveland
 Patrick Leonard Menicos, Canton
 Ann Louise Mhley, Uniontown, Pa.
 Christopher John Miller, Cincinnati
 Thomas John Miller, Delphos
 John Earl Millious, Columbus
 Toby Sandra Mirkin, Youngstown
 William Francis Moga, Cleveland
 Treston E. Moore, Columbus
 †Mary Louise Moreno, Columbus
 Linda Jennifer Muhleman, Bellbrook
 Patricia Katherine Naherny,
 Shaker Heights
 Barry Edward Nangle, Springfield
 David Blair Naylor, Columbus
 Mark Allan Neiman, Columbus
 Thomas Robert Neptune, Columbus
 Ronald Martin Newberg, Beachwood
 Maynard Fredric Newman,
 University Heights
 Sandra Lindemood Nichols, Columbus
 Bruce Irl Nicholson, Zanesville
 Keith Alan Noethlich, Columbus
 Hugh Alan O'Boyle,
 Silver Spring, Md.
 Timothy Lawrence O'Shea, Akron
 Wilbert James Outlaw, Columbus
 Robert Elliott Owens, Columbus

† Also Certificate of Graduate Dental
 Hygienist, College of Dentistry
 * Also Bachelor of Science in Education,
 College of Education

Susan Jane Packard, Fairview Park
 Anthony Edward Paczelt,
 Cleveland Heights
 Cynthia Blatt Paine, Columbus
 Gerald Joseph Patronite,
 Shaker Heights
 Michael Thomas Pawlus,
 South River, N. J.
 Laura Jean Peskin, Long Beach, N. Y.
 James Dee Pickens, Akron
 Suzanne Pierce, Lima
 Ivan Fred Platt, Cleveland
 James William Plummer, Jr.,
 Zanesville
 Robert Stuart Polster,
 Shaker Heights
 Jack Ray Pounds, Cambridge
 John Thomas Prehm, III, Columbus
 Linda Nancy Radin, Belmont, Mass.
 Brian Leslie Ramer,
 Brantford, Ont., Canada
 Sheryll John Ravelly, Columbus
 Carl Albert Rayburn, Columbus
 Stanley Don Reichgott, Columbus
 James Harold Reif, Lebanon
 Stephen Archer Reilly, Columbus
 Tina Sisisky Rice, Columbus
 Susan Richards, Carrollton
 Stephen Rigelsky, Columbus
 Dana G. Rinehart, Columbus
 James William Rinschler, Cincinnati
 Marcia Lynn Robertson, Cincinnati
 Don Lee Robinson, Columbus
 Donald Bruce Robinson, Troy
 James Homer Robinson, Jr.,
 Charleston, W. Va.
 Samuel Allan Rodner, Cincinnati
 Richard Dave Rosen, Miami, Fla.
 Stephen J. Rosenbaum, Skokie, Ill.
 Leona Jean Rosenfield,
 Champaign, Ill.
 Samuel Howard Roshon, Columbus
 John Christopher Ross, III, Columbus
 Leo Patrick Ross, Columbus
 †Judith Ann Rotter, Cleveland
 Thomas Edward Sales,
 Niagara Falls, N. Y.
 Janet Lee Sampson, Marysville
 Dan David Sandman, Cincinnati
 Jan Michael Sanislo, North Royalton
 Beatrice Anne Scalzi, Martins Ferry
 Paul Robert Schmidlin, Toledo
 Ahron Zvi Schneider,
 Cleveland Heights,
 B.S. in Edu.
 Albert Schneider, Columbus
 Wesley Samuel Schotten, Hubbard
 Steven Herschel Schreiber, Cincinnati
 Stanley Gene Schwartz, Pepper Pike

Robert Joseph Seigel, Dayton
 Richard Alan Sell, Delta
 Joseph Edward Seringer, Wooster
 Gary Lewis Sharpe, Grove City
 Jeffrey Ira Sherwin,
 Cleveland Heights
 Deborah Lane Shriver,
 Jacksonville, Fla.
 Jay Stephen Shulman, South Euclid
 Gregory Earle Sipp, Akron
 Mark Skolnick, New Rochelle, N. Y.
 Larry Stuart Skolnik, Shaker Heights
 Rosemarie Ann Skukan, Campbell
 Craig Inwood Smith, Rocky River
 Christopher Earl Soukup, Macedonia
 John Vincent Spalla, Dayton
 Gary Paul Spanner, Columbus
 Danny Ray Stahl, Columbus
 Ronald Criss Stansbury, LaCarne
 Anna Mae Staples, Freeport, N. Y.
 William Joseph Strapp, Columbus
 Jeri Lyn Studebaker, Springfield
 Linda Lee Sullivan, Navarre
 George Steven Swan, Dover
 Wesley Howard Sylvia, Columbus
 William James Taylor, Zanesville
 Jack Samuel Tenenbaum, Chicago, Ill.
 Ira Neal Tew, Lakewood, N. J.
 William Thomas, Jr., Columbus
 James Scott Thompson, Newark
 Barbara Cecile Thornton, Columbus
 Frank Allen Titus, Pomeroy
 Kathleen Maria Toth, Columbus
 Thomas William Townsley, Columbus
 James Charles Tracy, Columbus
 Kenneth Arlen Traeger, Beachwood
 Hugo Ronaszeki Trux, IV, Cleveland
 Kathryn Unverzagt, Ligonier, Pa.
 David Joseph Utrata, Columbus
 Robert Anthony Ventresca, Columbus
 Maryann Wagner, Marion
 Michael John Wallace, Aliquippa, Pa.
 Donald Eugene Walter, Columbus
 Dorothy O. Walters, Columbus
 Neil Martin Waugh, Mingo Junction
 Robin Geoffrey Weaver, Columbus
 Susan Marie Weaver, Columbus
 Barbara Bendig Weinberg, Columbus
 Howard Charles Weinberg, Cleveland
 Herbert Townsend Weindorf,
 Palm Beach Gardens, Fla.
 Ronald Joseph Weisenberger,
 Columbus
 Lynn Elyse Wetterauer, Worthington
 Mary Lucille Whapham, Ashtabula
 Robert Dean White, Columbus
 Alvin Carl Whyte, Columbus
 Mary Louise Wildman, Shelby
 Raymond Mark Wilkinson, Shelby

Howard Lon Williams, Jr., Columbus
 Daniel Robert Wilson, Dayton
 Anne Winkler, Lima
 David Charles Winter, Baldwin, N. Y.
 Devonah Long Winter, Columbus
 Oyhan Wong, Columbus
 Lelan Keith Woodmansee, Reesville
 Jerome Daniel Young, Youngstown
 Steven Robert Young,
 University Heights
 Michael Joseph Zavatsky, Bellaire
 Alice Margaret Ziegler, Milford, N. J.
 Barry Don Zucker, Shaker Heights

Bachelor of Science

Fifty-nine candidates

Toney Lee Allman, Ashland, Va.
 John George Baciu, Jr., Warren
 Laura Louise Backus, Columbus
 Harold Thorndyke Bailey, Jr.,
 Loveland
 James Joseph Baumann, Columbus
 James Neil Brown, Columbus
 Peter William Clute, Kettering
 William Ralph Cohen,
 Mayfield Heights
 Mary Marjean Conwell, Marion
 Paul Joseph Cook, Massillon
 Fred Richard Curtner, III, Columbus
 Glenn Stewart Davidson, Lima
 Paul Huston Dillahunt, II, Columbus
 Richard Van Dorn, Columbus
 Adrienne Wynona Douglas,
 Spartanburg, S.C.
 Ellen Dodson Draper,
 Martinsville, Va.
 Kenneth James Eichenbaum,
 Rochester, N. Y.
 Robert Harry Elias, II, Oradell, N. J.
 Joseph Henry Fallon, IV, Cincinnati
 Richard Lloyd Fuller, Jr., Columbus
 Eugene Lazard Goldberg, Columbus
 John Wesley Halley, Columbus
 Kenneth Eugene Harris, Middleport
 James Curtis Heckman, Ashland
 Victoria Hollinger, Wooster
 Lawrence John Krauss, Columbus
 Douglas Russell Kruest, Columbus
 Raymond Kucalaba, Youngstown
 Samuel Neil Ladrach,
 Washington C. H.
 Joyce Elaine Lesko, Cuyahoga Falls
 Catherine Sautter Long, Columbus

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

College of Administrative Science

Dean: James R. McCoy

Robert Charles MacConnell, Columbus
William Dennis Machen, Columbus
Danny Patrick McCloy, Alliance
Marilyn Margaret McGill, Union
Linda Kay Meyer, Napoleon
Joseph Patrick Mohan, Middletown
Harvey Allen Nesser, Bellefontaine
Donald Alan Perlmutter, Toledo
Thomas Dean Plack, Galion
Philip Ramsey, Detroit, Mich.
Mark Gregory Rhoades, Columbus
Linda Ayn Schofel, Deal, N. J.
Robert Bruce Shapiro, Brooklyn, N. Y.
Bruce Lindsey Smith, Columbus
Carol Lyn Spangenberg,
Brighton, Mass.
Faith H. Teitelbaum, West End, N. J.
John Thomas, Bergenfield, N. J.
John Eric Thomas, Columbus
Sherry Stienecker Vastbinder,
Fairborn
Lewis Eugene Williams, Jr.
Canal Winchester
Kenneth Raymond Willoughby,
Middletown
Alan John Winarski,
Willowdale, Ont., Canada
Lyle Erik Winland, Toronto
Meryl Lee Winnick, Woodmere, N. Y.
Jeffrey Steven Zakem, Columbus
Charles Ross Zalac, Girard
Charles Michael Zarzecki,
Garwood, N. J.
Theresa Ann Zeyen, Columbus

Jacqueline Kuyper, Columbus
Roger Frederick Lambert, Columbus
Michael Stewart Leach, Grove City
Stephen McClellan Leach,
Reynoldsburg
Ronnie Ann Lovler, Hillside, N. J.
Peggy Ann Maize, Columbus
David Paul McNaughton, Columbus
Steven Robert Morgan, Columbus
Nancy Elizabeth Newman, Sylvania
Lawrence Dale Nuber, Toledo
Robert Terrence Olbrysh, Toronto
Rionda Sue Osman, Zanesfield
Christine Patronik, Cincinnati
Karl Wood Ritzler, Marion
Bruce Jerrold Vilanch, Paterson, N. J.
Mark Raymond Weaver, Rossford
Sandra Jane White, Columbus
Susan Kay Whitmyer, Valley City
Sharon Fay Zimmerman, Fostoria

Bachelor of Science in Business Administration

Two hundred and eighty-four candidates

William Hamilton Ables, Jr.,
Mt. Vernon
Timothy Michael Adams, Toledo
Terry Joseph Adelman, Norwalk
John Bernard Albrink, III, Ironton
Stephen Philip Allison, Akron
Robert Peter Androne, Berea
Michael Alan Babich,
Cleveland Heights
Craig Douglas Barclay, Newark
Elliott Stanley Barkin, Cleveland
Thomas Jeffrey Baron, Columbus
Jay Reed Basil, Van Wert
David Ian Beatson, Hamilton
Jane Louise Beckert, North Canton
John Thomas Bednar, Warren
Richard Bender, Akron
Gary Evan Berger, Fremont
Solomon Beyene,
Addis Ababa, Ethiopia
Charles Timothy Bidek, Gibsonia, Pa.
Kenneth Leslie Bless, Columbus
Stephen Edward Boger, Fairborn
Thomas John Bonasera, Warren
Scott William Boyers, Cincinnati
John Allen Brady, Columbus
Jeffrey William Brantner, Columbus
Jan Wayne Brelsford, Westerville
John Harold Brimmer, Logan
James Chester Britt, Jr., Columbus
Bennie Homer Brooks, Jerry City
Keith Howard Brooks, Youngstown
Douglas Duval Brownlee, Cincinnati
Louis Alan Brunnet, Cleveland
Daniel Victor Buchman, Newark
Bruce Alan Burgett, Hammondsville
Kenneth William Butler, Jr.,
Cincinnati
Roger Clarence Byers, Columbus
Bruce Arthur Canfield, Medina
David William Telford Carroll, II,
Columbus
Jack Edwin Carson, Gahanna
David Maxon Carter, Wilmington
Steven Walton Case, Prospect
Kathryn Wallace Chandler,
Gladwyne, Pa.
Seipoong Chang, Seoul, Korea
L.L.B. (Seoul National University)
Brent Elwood Chapman, Delaware
Lawrence Robert Christy, Archbold
Robert Bruce Claussen, Columbus
Barbara Louise Connelly, Columbus
Michael Dale Cooper, Zanesville

School of Journalism

Bachelor of Arts in Journalism

Thirty-six candidates

Yvette Ackison, Ironton
John Eric Arnold, Loudonville
Leland Wright Bard, Piqa
Shirley Nettie Brownell
Monrovia, Liberia
Silvana Mary Camboni, Columbus
Norman Edward Cox, Reynoldsburg
Marian Dickinson Deaton, Columbus
Dianna Lyn Durr, Springfield
Thomas Owen Ellis, St. Louis, Mo.
Leon Friedland, Columbus
James Ralph Hammock, Columbus
Charles Irving Hazard, West Jefferson
Patrick Arnold Heydinger, Shelby
Michael David Holliday, Grove City
Joseph Frank Jaworowski, Oberlin
Mary Helen Kerger, Ashtabula
Robert Leslie King, Watertown, Conn.

Warren Stephen Coopersmith,
Washington, D. C.

Robert Albert Corea, Niles

Richard Eugene Coss, Columbus

Paul Edwin Cotter, Jr., Worthington

Geoffrey Allan Cottier, Maumee

Brian Edward Crawford, Canton

Thomas David Croft, Evanston, Ill.

Gary Millard Cutrell, Newark

Douglas Alan Dabrowski, Dayton

Pablo DeRuiz, Columbus

Marianne Detrick, Kettering

Richard Aaron Dew, Columbus

Lieven Louis D'Huyvetter, Sunbury

Ronald Thomas Dillard, Dayton

Ronald Ai Distl, Mansfield

Robert Richard Ditwiler, Lucas

Susan Merrill Doherty, Fairview Park

James T. Dunbar, Milford Center

George Richard Ebelberger, Columbus

Timothy John Elder, Columbus

Robert Gerard Emmett,
Merrick, N. Y.

Thomas Epstein, Cleveland Heights

Richard John Erickson, Port Clinton

David Benjamin Evans,
Bemus Point, N. Y.

Robert Benjamin Eversman, Jr.,
Cridersville

Carl Joseph Faehnle, Jr., Columbus

David Lee Fazio, Willard

Gary Wayne First, Lima

Duane Leroy Fish, Mansfield

Stanley Eugene Flegm, Troy, Mich.

Michael Allan Flynn, Lakewood

Jerry Sui Chell Fong, Erie, Pa.

Howard Leonard Friedlander,
Cleveland

Edward Arthur Friedman,
State College, Pa.

James Russell Friedman, Cleveland

Michael Allen Frush, Columbus

George Robert Frylinck,
Maywood, N. J.

Eugene John Gainar, Euclid

Gordon Lee Gaylord, Jr.,
Rochester, N. Y.

John Richard Giles, Jr., Newark

Philip Andrew Gockenbach, Columbus

Mark Randolph Goddard, Ashtabula

Rodney Earl Goldberg,
California, Pa.

Mark Ellis Gorchoff, Columbus

Michael Evan Grady, Ottawa

Leo Henry Graham, Logan

James Nicholas Grano,
Richmond Heights

Herbert Elwood Graves, Columbus

William David Griffing, Canton

Allen Jeffrey Gross, Wheeling, W. Va.

Lawrence Francis Gunsorek,
Columbus

Michael James Gustin, Canton

Urban Paul Hageman, Botkins

Robert Merrill Haines, Montpelier

Kirk Watson Hall, Berea

Charles Peter Hann, Seven Hills

Gregory Held, Worthington

Lawrence Edward Helman, Dayton

Ronald Crawford Hennen, Coshocton

Ronald Warren Henricks, Chillicothe

Rolin William Herron, Jr., Salem

Lawrence Olen Hilditch, Columbus

Gallen Lee Hite, Pataskala

Michael Lee Hively, Springfield

Patrick Joseph Hogan, Kettering

Dale Anthony Hohler, Milan

Bryce Haven Hooker, Uhrichsville

Leonard Lima Hopkins, Jr., Columbus

William Walter House, Franklin

Van Richard Hubbard,
Jefferson, N. Y.

Michael William Huber, Bucyrus

Frederick Joseph Hughes, Louisville

Stephen Charles Hunter, Dayton

Patrick Richard Hylant, Toledo

David Sharp Ingalls, Columbus

Thomas John Ives, Oberlin

Larry Gene Jennings, Bluffton

Brent Ernest Johnson, Lebanon

John Allison Johnson,
Jamestown, N. Y.

Edward Joseph Joyce, Mansfield

Anna Krista Juterbock, Maineville

Daniel Gene Kaufman, Columbus

Vicki Eileen Kaye, Elmont, N. Y.

William David Keckan, Cleveland

Robert David Kehrer, Columbus

John Albert Kelting, Rocky River

Ronald Keith Kincaid, Raymond

Peter James King, Jr., Trotwood

Mark Douglas Klingenberg, Ada

Robert Bernard Kohls, Hamilton

Marvin Lester Komerofsky,
East Cleveland

Kenneth John Konkel, Canton

John Lawrence Korthals, Euclid

Robert Dean Krawetzki, Sandusky

Edmund Louis Krohn, Columbus

George Frank Kurz,
New Milford, N. J.

Robert Elmer Lange, Jr., Rocky River

James Floyd Langell,
Newcomerstown

James Edward Lefkowitz, Beachwood

Robert Richard LeGros, Toledo

Marc Steve Lemkin, Bethpage, N. Y.

Bill Lee Lowry, Green Camp

John Frederick Lugger, Columbus

Donald Charles Mahanna,
Bound Brook, N. J.

Russell Lee Mall, Columbus

Joseph Robert Malone, Columbus

Carl Matthew Manofsky, Warren

Ronald Anthony March, Warren

Carolyn Diehlmann Markis,
Portsmouth

John Walter Mason, Salem

Robert Alan McCormick,
Reynoldsburg

Gregory Alan McDaniel, Cincinnati

Richard Keith McDaniel, Amherst

Dale Lynn McGirr, Alliance

Larry Cecil McIntire,
New Orleans, La.

Charles James McKee, St. Marys

Edward Frank Mears, Sandusky

Martin Joseph Mehall, Shelby

Carol Ann Miller, Columbus

Jeffrey Ernest Miller, Lima

Alex Millil, Lorain

Bartley Geter Millsaps, Jr., Akron

Thomas Charles Minnich,
West Milton

Stephen Arthur Mitchell, Columbus

Stephen Preston Moore, Fairborn

Eric Stephen Morris, Baltimore, Md.

Robert Lee Moses, Huntington, W. Va.

Jan Charles Mosser, Mankato, Minn.

Lawrence Edward Mueller, Columbus

Charles Dale Mullenix, Columbus

Patrick Richard Mundy, Salem

William Scott Musheno,
Parma Heights

Jerry Edward Nathan, Columbus

David Allen Newcomb, Bryan

Richard Dean Nichols, Seaford, N. Y.

Richard Joseph Nicolosi, Marion

Steven Ross Niebel, Lima

Alice Mae Nierenberg, Dayton

Robert Michael Novotny, Lorain

Beverly Ann Obert, Columbus

Kevin John O'Brien, Dublin

Gary Lee Overholt, Spencerville

Theodore Lee Owens, East Liverpool

Richard Alan Oxender, Kunkle

Harold DeWolf Paddock, III, Aurora

Michael Robert Pearch, Akron

Tony Michael Penzone, Columbus

Frank Robert Peterson, Akron

John Bradley Pierce, Alexandria, Va.

Craig Bruce Piersall,
Grand Junction, Colo.

Jack Pitt, Cleveland Heights

Earl William Pittman, Newark

Barry Howard Platnick,
Merrick, N. Y.

Richard Louis Pollack,
Fair Lawn, N. J.
Ralph Earl Price, Cincinnati
Thomas Matthew Quilter, Marion
Norman David Raymer, Brunswick
Ronald Adolph Raymer, Adena
Melvin Clarence Ree, Jr., Newark
Frank Edward Reeves, Bellevue, Ky.
Michael James Reilly, Columbus
Richard Edwin Reinhardt, Elyria
Errol Reiter, Youngstown
Mary Ann Rhoad, Washington C. H.
Dorothy May Patricia Rickards,
London
James Michael Ridenour, Columbus
Stephen Charles Riggs, Mt. Gilead
Thomas John Roberts, Racine, Wis.
Guillermo Justo Rojas, Piura, Peru
John Francis Ryan, Columbus
Theodore Joseph Samuel, Rocky River
Lenhart Donald Saner, Clyde, N. Y.
Phillip Joseph Sbrochi, Columbus
Leonard Charles Schiefer, Columbus
Kenneth Charles Schmader, Canton
Marla Fern Schmittke,
Shaker Heights
Douglas Alfred Scorrar,
Ottawa, Ont., Canada
Robert William Setterlin, III,
Columbus
Steven Shabshelowitz, Union, N. J.
David Bruce Shaffer, Mansfield
James Patrick Shannon, Columbus
Mark Shapiro, University Heights
Timothy Klein Shilt, Dayton
Kenneth Owen Shull, Sylvania
Michael Alan Simms,
University Heights
Alan Irvin Simon, Louisville, Ky.
Richard Lee Simon, Shaker Heights
James Burch Skirvin, Jr., Ironton
Charles Eugene Smart, Jr., Canton
Jon Irvin Smith, Toledo
Wayne Eugene Smith, Columbus
Jeffrey Howard Spiegler,
Cleveland Heights
James Franklin Stapleton, Columbus
Larry Charles Stecklow,
Broadview Heights
Daniel Edward Steimle, Cincinnati
David Jay Steinberg, Bronx, N. Y.
Stefan Svavarsson, Reykjavik, Iceland
Gerald Tim Sweeney, Columbus
Richard Anthony Talbott, Powell
Walter Russell Taylor, Jr., Columbus
Larry James Teets, West Mansfield
Eugene Charles Thompson, Parma
Robert Ernest Thorngate, Jr.,
Kettering

William Douglas Tippie, Bryan
Vincent Gene Trovato, Columbus
James Frank Trytek, Cleveland
Lee David Tucker, Rochester, N. Y.
Jean Ulle, Euclid
Carl Richard Vogelsang, Canton
James Robert Waggoner, Dayton
David Lynn Wahl, Southfield, Mich.
William Barry Warford,
Southfield, Mich.
Edwin Boyd Waser, St. Clairsville
Stephen Gasper Weiss,
Beachwood
Gale Weltman, Cleveland
Thomas Allen Wendling, Lakewood
Barton Winston Weprin, Dayton
James Edward Wesner, Chillicothe
William Howard Whalen, Youngstown
Leon John Wieber, Sandusky
Arthur Fred Wilcoxson, Jr.,
Springfield
Jerry Bruce Williamson, Columbus
Edward Albert Wilson, Heath
Harold Allan Wilson, Buffalo, N. Y.
Michael Allen Wilson, Batavia
William Reese Wilson, Newark
Robert Lawrence Wise, Louisville, Ky.
Stephen Herbert Witwer, Dayton
Peter William Wolfe,
New Hyde Park, N. Y.
Samuel Gordon Woodrow, Columbus
Richard Allen Wuenker, Cincinnati
Arthur Wayne Yerty, Jr., Columbus
Sidney Alan Young, Mansfield
Zoltan Frank Zander, Canton
Kenneth Terry Zarin, Cleveland
William Charles Ziegler, Canton
James Anthony Zingale, Aurora

School of Social Work

Bachelor of Science in Social Welfare

Ninety-four candidates

Rochelle Janis Albert, Toledo
Peyton Eley Almond, Jr.,
Blanche Addition
Susan Lynn Archer, Steubenville
Christine Marya Aubert, Aurora, Ind.
Marcia Fern Barron, Beachwood
Lee Ann Bayer, University Heights
Douglas Peter Beal, Shaker Heights
Ellen Faye Berliner, Columbus
Melvin Lee Blackstone, Carroll
Diane Arlene Broberg,
St. Paul Park, Minn.
Jill Broudy, McKeesport, Pa.
Jan Barbara Brown, Mayfield Heights

Janet Stone Brown,
University Heights
James Kenneth Caldwell, Columbus
Susan Ann Carlson,
Colorado Springs, Colo.
Nancy Loss Clark, Lima, N. Y.
Gail Ann Cornett, East Canton
Patti Ann Dennis, Cleveland
Sheila Kay Drennen, Waverly
Linda Jean Elman, Shaker Heights
Russel Scott Falek, Reynoldsburg
Carolyn Sue Fitzsimons,
New Waterford
Melinda Florence Gaty, Worthington
Karen Elaine Genter, Cincinnati
Ann Cecelia Gibb, Morral
Mary Clark Grau, Columbus
Linda Degener Hall,
Egbertsville, N. Y.
Dennis Patrick Hamilton,
West Trenton, N. J.
Richard Dale Headley, Jr., Columbus
Mary Jane Heaton, Columbus
Marilyn Louise Heffner, Columbus
Barbara Davidson Helm, Youngstown
Toni Allana Heverly,
New Philadelphia
Richard Henry Hollander, II,
Columbus
George Richard Howard, Leipsic
Nancy Elizabeth Huston, Columbus
Nancy Carol Jablonowski, Brooklyn
John Phillip Jeffcoat, Tampa, Fla.
Eric Konrad Jones, Chagrin Falls
Barbara Lois Lassow,
New Bedford, Mass.
Virginia Lucille Lawlis, Cambridge
Paul Henry Lepp, Tallmadge
Phyllis Linn Lofton, Bucyrus
Antoinette Lucarelli, Warren
Clara Gillespie Majewski,
Rocky River
Sheryl Louise McKee, Mt. Vernon
James Allen Messenger, Shelby
Kathleen Anne Metz, Lima
Jocelle Elayne Netting, Columbus
William Alan Oden, Worthington
Lynn Whitaker Phillips,
Weirton, W. Va.
Charlotte Ann Pollard,
Kirkville, N. Y.
Agnes Belle Rae, Bowling Green
Eric Steven Rehm, Shaker Heights
Joan Carol Reichenbach, Columbus
Elizabeth Childress Riedy, Massillon
Barbara Bennett Rodman,
Buffalo, N. Y.
Paula Rosenstein, Great Neck, N. Y.
Donna Gay Roush, West Union

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Penny B. Rubin,
East Rockaway, N. Y.
Kathryn Louise Runde, Columbus
Anne Bolduc Santoro, Cincinnati
Joyce Ann Schampier, Mansfield
Caryn Scheffres, Woodmere, N. Y.
Sherry Elaine Schoenfeld,
New York, N. Y.
Alice Beth Schottenstein, Columbus
Marlene Greenfield Schultz, Dayton
Julia Ann Searle, Columbus
Martha McFadden Seidensticker,
Columbus
Lynn Faye Shapiro, Pittsburgh, Pa.
Pamela Fogt Shaw, Lima
Deborah Faye Shellenbarger,
Johnstown
Nancy Ann Sheskey, Columbus
Paula Rae Shufelt, Bellevue
Janilyn Gay Shuman, Springfield
Katherine Marie Smith, Galena
Phyllis Irene Smith, Ames, Ia.
Ellen Sara Socol, Lakewood, N. J.
Constance Jean Steele, Marion
Victor Ronald Stottlemeyer,
Louisia, Ky.
Nettie Ruth Sturgeon, Harpster
Jan Dalene Thompson, Wooster
Christine Louise Tillotson, Lima
Elizabeth Annable Timm, Rocky River
Mary Ann Tonnies, Cincinnati
Violet Ann Wallace, Portsmouth
Carolyn Elaine Washington,
Cincinnati
Charles Thomas Wein, Columbus
Sally Ann Weinbren, East Liverpool
Linda Yvonne Wetters, Worthington
Sandra Kay Wolter, Medway
Rebecca Jean Woodford, Niles
Emily Wyman, Silver Spring, Md.
Daniel Edward Young, Mansfield

Bachelor of Science in Agriculture

Two hundred and forty-four candidates

David Howard Adamkin,
North Massapequa, N. Y.
Raymond John Adamski, Conneaut
Gary J. Agler, Eldorado
George Franklin Allion, West Unity
David Bruce Allmon, Carrollton
Stephen Edward Andrews, Baltic
Jerry Louis Angst, Hamilton
Thomas Michael Archer, Sidney
Richard Park Arter, Crestline
Ronald Dean Augenstein, Lowell
James Phillip Bach, Belle Center
Gary Lowell Baker, Salem
Stephen Kay Barnhart, Springfield
Robert Lee Barrett, Bryan
Russell Kirby Barrick, Jr., Johnstown
Dennis Frederick Bartter,
Columbia Station
Marshall Alan Bash, Columbus
Larry Dean Batdorf, Wauseon
Nelson Eddie Bateman, New Weston
James Alton Beamer, Canton
Leslie Dee Beckel, Cardington
John David Becker, Marysville
David William Belitsky, Akron
James Robert Bertsch, Sandusky
Stephen Arnold Boeder, Lima
Keith Persons Bohley, Medina
Paul Andrew Bokros, Westerville
Jack Charles Bontley, Columbus
James Herbert Bope, Newark
Harry Edwin Bouton, Mt. Vernon
David Charles Boyer, Ashland
Richard Allan Brown, Reynoldsburg
Michael Brent Campbell,
Washington C. H.
Larry Dale Cline, Prospect
Clayton Henry Coffey, Groveport
Harmon James Conrad, Sterling
Jerome James Coughlin, Paulding
John William Cougill, Westlake
Bruce Ivan Darbee,
South Wales, N. Y.
David Holle Davies, Cincinnati
Philip Lawrence Davis, Leesburg
Raymond Albert Dawson,
Cambria Heights, N. Y.
Francis Joseph DeDourek, Cleveland
John Samuel Deeds, Rawson
Vincent James DeFazio, Hamilton
Arthur Lee Deisher, Bellefontaine
Dennis Carl DeLong, Nevada
Roland Edward Dewitz, Oak Harbor
James Emil Dill, Lockbourne
John Edward Dilley, Blue Rock

William Elton Easterday,
Spring Valley
Thomas Darwyn Edwards, Oak Hill
Fredrick Wayne Ehlerding,
Port William
John Michael Ellinger, Logan
Verne James Fairhurst, Mogadore
John Vernon Fark, St. Marys
Steven Paul Ferris, Georgetown
Thomas Jay Fleming, Lafayette
Jackie Lee Fling, Westerville
Albert John Forster, Howard
Elden Karl Foulk, Jr., Urbana
Raymond Maurice Fournier,
Steubenville
David William Fox, Upper Sandusky
Steven Allen Frowine, Portsmouth
Raiph Michael Funderburgh,
North Lewisburg
Michael Martin Gahn, Port Clinton
Richard Earl Giffen, Camden
Earl John Gilliland, Jr., Curtice
James Edward Grahl, Sandusky
Dean Peters Gray, Lisbon
Glenn William Gray, Ashville
Michael Vernon Grieves, Sidney
Steven Robert Grimes, Orrville
Richard Alan Grove, Shelby
Stephen Franklin Hanson, Lewisville
Steven Dennis Hart, Union City
Hugh Richard Hayman, Tiffin
John Charles Hayne, Wadsworth
John Edward Heinrich, Toledo
Dickey Leroy Helman, Greenville
Perry Alden Higgins, Columbus
James Edward Hoadley, Ashtabula
Eduardo Leon Hoet,
Caracas, Venezuela
Douglas Charles Holtz, Columbus
Larry Kim Honsberger, Perrysburg
Robert David Hottle, Hillsboro
Terry Craig Howell, St. Paris
Steven Willis Inghish, Lewis Center
Larry Wayne Insley, McComb
Jerry Lee Jackson, Van Wert
Paul Leroy Jacquemin, Hamilton
Brian Jeffers, Ridgeway
Roger Alten Kanchuk, Cleveland
Karl Richard Karg, Bellefontaine
Charles Chevront Keil, III, Lima
Roger Lee Kiko, Louisville
Frederick Allen Kinsey,
New Philadelphia
Dean Melvin Kite, St. Paris
Jerome Louis Klinger,
Harrison, N. Y.
Clement Alfred Knapp, Mogadore
Raymond Lee Koch, Wapakoneta
James Lee Kossow, Hamler

Charles George Kozuskanich, Warren
 James Joseph Kreinbrink, Findlay
 David Charles Kress, Caldwell
 Charlotte K. Kruckeberg, Palestine
 Thomas George Kruse, Solon
 *William Elmer Kunkle, Alvornton
 Michael Blaine Lafferty, Dayton
 Larry Everett Laing, Reynoldsburg
 Anthony Aloysius Lause, Custar
 Roger Edward LaVigne, Norwalk
 Stephen Jerome Layman, Kenton
 Donald Richard Leeds, Monroe
 Glenn Willis Lees, Alexandria
 Charles Henry Linert, Solon
 Dennis Joe Lochner, Union
 Arthur Russell Logan, Farmdale
 Thomas Carl Logsdon, Cleveland
 Malcolm Clyde Loomis, Chardon
 Joseph Frederick Loughlin, Piqua
 James Lee Maassel, Deshler
 David Victor Malinovsky, Columbus
 Philip Kent Manuel, Palestine
 Christopher Mapondera,
 Salisbury, Rhodesia
 Richard Russell Martin, Oak Harbor
 Ralph Martinsek, Cleveland
 Peter Burton Mason, Columbus
 David Herman Mautz, Ravenna
 Harry McAuley, Caldwell
 Mark Warren McKay, Wilmington
 Margaret Jane McMahon, Medina
 Dennis Lee McOwen, Pandora
 *Ioannis Michael, Limassol, Cyprus
 Keith Edwin Miller, Wheelersburg
 Roger Allen Miller, Polk
 Thomas Alan Miller, Cincinnati
 Dennis Ray Mills, Mansfield
 Alan George Moore, Norwalk
 Michael Bruce Moore, New Carlisle
 David Alan Munn, Grafton
 Norman Eugene Murray, Old Fort
 Thomas Edward Myczkowski, Parma
 Earl George Nicodemus, Baltimore
 James Richard Nussbaum, Streetsboro
 Howard Charles Ogle, Ashland
 Steven Morris Ostgaard,
 Milford Center
 Rex Allen Oyer, Wauseon
 Cleve Scott Parkhurst, Vickery
 David Myron Parry, Hillsboro
 Gary Wayne Perkins, Beallsville
 Richard James Pfeifer, Mansfield
 Ronald Leo Phillips, Deshler
 Ronald Eugene Pierce, Laura
 Steven Bruce Poling, Dunkirk
 David John Post, St. Henry
 James William Pratt, Jr.,
 Mechanicsburg
 Gary Charles Price, Avon Lake

Webster Charles Propper,
 Annandale, N. J.
 David Andrew Pugh, Columbus
 Thomas William Pulse, Hillsboro
 Kathleen Noel Putnam, Uhrichsville
 Randy Richard Rausch, Marysville
 Gilbert Dean Rauschenberg, Sterling
 Merle Lewis Reich, Jerusalem
 Mary Kathryn Reinhard, Grove City
 Dale Anthony Reveglia, Grafton
 James Ronald Rickenberg, Deshler
 Alan Ira Riemer, Cleveland
 John Joseph Riethman, Maria Stein
 Ronald Paul Rindfuss, Bucyrus
 Alan Leslie Robbins, South Euclid
 Thomas Merrill Roberts, Hilliard
 James Loy Rush, Marysville
 James Perry Rust, Sharon, Pa.
 Craig Richard Salhoff, Elida
 Clair Leslie Sanders, Waynesfield
 Roland Charles Sandrock, Curtice
 John Forrest Schar, Bloomville
 David Theodore Scheid, Lima
 Nancy Josephine Scholl, Franklin
 John Shannon Scott, Walhonding
 Michael James Shertzer, Fremont
 Marvin Leroy Shively, Hamler
 Karl Philip Sieg, Ridgeway
 Craig Richard Silberman, Columbus
 David Lynn Smith, Cadiz
 Dennis Duane Smith, North Canton
 Kenneth Eugene Smith, Jefferson
 Paul Lester Snyder, New Carlisle
 Daniel Elwood Soales, Greenfield
 Michael Philip Somerville, Toledo
 William Ronald Staib, Walbridge
 John Frederick Steiner, Orrville
 Jeremiah Francis Sterner, Somerset
 Dale Emerson Stickel, Pemberville
 Thomas James Stonebrook, Massillon
 Glenn Arthur Stout, McArthur
 Gary Lorne Strausbaugh, Fostoria
 William Eagle Summers, III,
 Washington C. H.
 Robert James Sunderman, Deshler
 Garrett Eugene Swendal, Danville
 James Walter Swinehart, Wooster
 Walter Scott Telford, Jr., Goshen
 Jerry Jay Thomas, Rootstown
 Donald Allen Thompson,
 Flemington, N. J.
 Brian John Thrasher, Westlake
 Hugh Byer Trimble, III, Dayton
 Jon Michael Turner, Hillsboro
 Thomas Bruce Turner, DeGraff
 Edward Carl Umsted, Circleville
 Thomas Andrew Urbansky,
 Wellington
 James David VanFossen, Croton

Donald Lee VanNostran, Copley
 James Robert Vanzant, Bainbridge
 Joseph Dale Vodraska, Seven Hills
 Helmut VonLoewe, Richmond Heights
 Clayton Forrest Wagner, Wapakoneta
 Roger Randolph Wallace,
 Bloomingdale
 John Dennis Wallrabenstein, Milan
 Bruce Allen Walter, Dover
 Alan F. Walters, Brooklyn, N. Y.
 Samuel Raymond Waltz,
 New Philadelphia
 Stephen Darrell Warner, Newark
 Donald Lee Watkins, Sidney
 Dennis Lynn Weinau, Milan
 Richard Owen Weisenberger, Norwalk
 William Frederick Weltin,
 Green Springs
 Larry Melvin Wendt, Napoleon
 Gerald Eugene Wenger, Louisville
 Stephen Douglas Werk, Waynesville
 Patrick Brian Whidden,
 Berlin Heights
 Kenneth Michael White, Loudonville
 David Paul Whittingham, Westerville
 Robert Lewis Wichman, Cincinnati
 Wayne Arthur Wieland, Chardon
 Jeffrey Holman Wiley, Norway, Me.
 Fred Carl Winters, Rio Grande
 Donald B. Wolf, Xenia
 Barry Lee Workman, Danville
 Howard Earl Workman, Mt. Vernon
 Donald LeRoy Wyse, Wauseon
 Carol Jean Young, Columbus
 Douglas Joseph Zobrist, Dayton

Bachelor of Science in Food Technology
 One candidate

John Charles Strayer, Maumee

Bachelor of Science in Nutrition
 Two candidates

Dwight Bert Burk, Chagrin Falls
 David William Drake, Columbus

School of Home Economics

Bachelor of Science in Home Economics
 Ninety candidates

Susan Kay Anderson, Bay Village
 Bethel Jane Andrews, Columbus
 * Also Master of Science, Graduate School

College of Dentistry

Dean: John R. Wilson

Sally Ann Arnel, Columbus
Carolyn Ann Ater, Clarksburg
Jean Yeager Ayers, Columbus
Sara Margaret Azallion, Dillonvale
Alice Karen Babb, London
Judith Ann Bailey, Barnesville
Janet Irene Baker, Gallion
Rebecca Jane Bales, Eaton
Barbara Jane Barnhart, Columbus
Susan Lee Bashor, Cincinnati
Bonita Jean Bonzak, Parma
Linda Susan Bornstein, Columbus
Susan Kathleen Caffrey,
North Syracuse, N. Y.
Jo Ann Cain, Troy
Patricia Lynn Caudy, Columbus
Sharon Kay Cecil, London
Berilyn Louise Cohagen, Springfield
Diana Rae Connell, Columbus
Jo Ellen Golden Cook, Lima
Martha Sue Corcoran, Chillicothe
Carol Jean Cross, Cambridge
Regran Linn Davis, Kinsman
Sharon Theta DeLong, Laurelville
Roberta Judith Dix, DeGraff
Kathryn Grace Dubbins, Cleveland
Cynthia Ann Eggers, Napoleon
Marilyn Sue Ellis, Cleveland Heights
Carolyn Rose Erbaugh, New Carlisle
Marcia Funderburg Evilsizor,
New Carlisle
Donna Jean Failor, Columbus
Jennifer Lewis Finelli, Columbus
Kristine Smith Fout, Columbus
Claudia Louise Fraher, Columbus
Merrilyn Alene Freeman, Marysville
Jo-Ann Friedman, Columbus
Mary Ann Frost, Pittsburgh, Pa.
Anne Taylor Glavan, Columbus
Sally Ann Gordon, Creston
Marilyn Ann Gorman, Cincinnati
Teresa Kay Habegger, Rockford
Carolyn Louise Hall, Hilliard
Margaret Ellen Heath, Columbus
Judith Bernice Hirschfeld,
New Bremen
Kathleen Clawson Hooks, Columbus
Janet Marie Hopkins, Hillsboro
Patricia Margaret Hummer,
North Syracuse, N. Y.
Maija-Liisa Nousiainen Karki,
Columbus
Janet Lee King, Columbus
Mary Lee Knoop, Casstown
Ann Louise Kolodzik, Columbus
Mary Frances LaValley, Columbus
Barbara Ann Leedle, Springfield
Penelope Sue Loudon, Urbana
Eileen Rogers Lucas, Marietta

Kaylene Yuk Lin Mau,
Honolulu, Hawaii
Pamela Jean Mecheski,
Park Ridge, N. J.
Janet Joyce Meeks, Lima
Karen Lee Mitchell, Columbus
Cecelia Oviatt Murphy, Cleveland
Marcia Breece Nevin, Sidney
Mary Kimball Norris, Columbus
Carol Ann Perry, Vickery
Mary Price Piras, Columbus
Linda Wood Prout, Lima
Deborah Ann Reese, Mansfield
Judith Lynn Resch,
Lower Burrell, Pa.
Leah Christine Rickly, Amanda
Carolyn Louise Ross, Nevada
Evelyn Luise Rowoldt, Canton
Monique Crowe Schlotterbeck,
Lewisburg
Susan Alice Schopfer, Villanova, Pa.
Janet Ann Schramm, Trenton
Sandra Schwartz, Elyria
Jennifer Lynn Sedgwick, Columbus
Sarah E. Shultz, DeGraff
Diane Michele Smith, Cuyahoga Falls
Connie Louise Spiess, Liberty Center
Patricia Lynn Storch, Columbus
Susan Grindell Tomlinson, Richwood
Mary Jane Van Fossen, Strasburg
Mary Joanelle Wargo, Caldwell
Linda Louise Wesemeyer, Grafton
Linda Marie West, Columbus
Nancy Jane White, Youngstown
Patricia Ann Whiteside, Columbus
Barbara Jo Wilchek, Berea
Jane Pringle Winkler, Cleveland
Ellen Allison Young, Circleville

Bachelor of Science in Restaurant Management

Four candidates

Larry Wayne Helmick, Norton
Stephen Edward Hopewell, Hillsboro
Thomas Joseph Nastars,
Schenectady, N. Y.
Eric Morgan Slocum,
Scottsville, N. Y.

Doctor of Dental Surgery

One hundred and thirty-eight candidates

Jeffrey Sheldon Ackerman, South
Euclid
Stephen Ralph Arlin, Lima
David Allen Baab, Wooster
B.A.
Robert Trew Baesel, Cincinnati
William Winston Baughman, Jr.
Huron
B.A. (Ohio Wesleyan University)
Robert Warren Baxter, Jr., North
Canton
B.S. (Heidelberg College)
James Lester Beatty, Canton
A.B. (Miami University)
David Charles Becka, Cleveland
B.S.
Jerry Michael Benis, Cleveland
Norman Kent Berg, Dalton
B.S. in Edu.
Edgar Louis Berre, Jr., Cincinnati
B.S. (Heidelberg College)
James Stephen Bershon, Akron
James Patrick Birong, Fairview
Ronald David Bissell, Cincinnati
Roger Joseph Blank, Jr., Toledo
B.S. (University of Toledo)
Don Patrick Bowermaster, Hamilton
James Henry Bright, Sandusky
B.S. (Miami University)
John Arthur Burmeister, Lancaster
A.B. (Wittenberg University)
William Graham Byrne, Columbus
A.B., B.S. in Ed. (Wittenberg
University); M.A.
Phillip Elwood Caldwell, Urbana
A.B. (Miami University)
Bruce Robert Canning, Youngstown
Ronald Anthony Cimaglio, Painesville
B.A.
Donald Franklin Coder, Raymond
Patrick Joseph Constantine,
Youngstown
James John Cook, Norwalk
B.A.
Thomas William Cordrick, Cleveland
B.S. (Ohio University)

James Lee Cornett, Archbold

Thomas Harold Davidson, Lexington
B.S. in Ed. (Ashland College)

Kenneth Junior Davis, Upper
Sandusky

Bryant David Denk, Millersburg
B.S.

Timothy Lou Donerkiel, Lorain
B.S. in Phar.

Kenneth Edwin Endicott, Columbus
B.S.

William Richard Evans, Cleveland
B.S.

John Karl Eversman, New Knoxville

Gregory Furin, Campbell

Philip Frank Galat, Akron

Charles Andrus Gill, Dayton

Terrence James Gray, Grove City
B.S.

Frank John Guerrier, Leetonia

Robert Charles Hadacek, Fostoria

John William Hanna, Lisbon
B.S. (Westminster College)

Robert Harrison Hay, Cincinnati
B.A. (Denison University)

Robert Dane Heitzman, Wellston
B.S. (University of Michigan)

George Gregory Henley, Barberton

David Shannon Hess, Mansfield

Edward William Hesse, Cincinnati
B.A. (University of Cincinnati)

Charles Floyd Hildebolt, II, Eaton
B.S.

Douglas Raymond Hoefling, Kettering
B.S.

Thomas Gilbert Hoffman, Rocky River
B.S. in Edu.

Stuart Alan Hughes, Greenville
B.S. in Ed. (Bowling Green State
University)

James Richard Ingrassia, Amherst
B.S. in Phar.

Joseph Mathias Irmen, Maumee
B.S. (University of Toledo)

Theodore Scharon Jarvis, East
Liverpool

Robert Merle Jaynes, Galena
B.S.

Dennis Lynn Johnson, Toledo

Kenneth DeVaughn Jones, Elyria

David Thomas Jonke, Euclid
B.S. (Xavier University)

Michael Robert Kaludy, Akron

Michael Arthur Kelly, Portsmouth

Nicholas Michael Kentris, Fostoria
B.S.

Steve Edward Kiltau, Akron
B.A. (University of Akron)

Stuart Klassman, University Heights
B.S. (Miami University)

Jack Roger Kneisley, Dayton

Harold David Kneppshield, Jr.
Middletown
B.A.

David Ludwig Knowiton, Kettering
B.S.

Kenneth Lee Kopittke, Perry

Robert Frank Legan, Cleveland
B.S. (University of Dayton)

William John Lightfoot, Shaker
Heights

Richard Egon Loeckel, Mansfield

Kenneth James Lowry, II,
Huntington, W.Va.

Thomas Charles Lyle, Columbus
B.S. in Bus. Adm.

Michael Leroy Manchester, Kettering
B.S.

Don Garner Marshall, Dayton

Richard Allen Mauger, Columbus

Bruce Newcomb McFadden, Orrville
A.B. (Miami University)

Wayne Paul Michaelis, Bowling Green
B.S. (Bowling Green State
University)

Raymond Marshall Miller, Pierre, S.D.
B.S. in Ed. (Northern State Teachers
College)

William Edward Mills, Groveport
A.B. (Miami University)

Robert Glenn Moan, Jr., Toledo

James Carl Moeller, Barberton

Jackrit Mongkollugsana, Bangkok,
Thailand

Joseph Patrick Mooney, Cincinnati

Richard Stephen Morgan, Marion
B.S. (Denison University)

Louis Richard Mott, Urbana
B.S. in Ed. (Kent State University)

Michael Earl Murphy, Wadsworth

Gary David Myers, Ashtabula
B.S.

William Wallace Nagy, Akron
B.S. (University of Akron)

Ronald Ellis Nassar, Toledo

Todd Lee Needham, Lakewood
B.S. in Ed. (Wittenberg University)

James Jacob Nyland, Ashtabula
B.S.

Thomas Kevin O'Connor, Cleveland
A.B. (College of The Holy Cross)

Michael Warren Ogborne, Lakewood,
N. J.
B.S. (Hillsdale College)

Raymond David Ornstein, Shaker
Heights
B.A. (Northwestern University)

William Harold Osborne, Mt. Gilead
B.S.

Rodney Wayne Owen, Mansfield

Richard Gabriel Pankuch, Middleburg
Heights

David Carl Pardo, Fremont

Lawrence John Pfell, Middleburg
Heights
B.S.

Kirby Eldon Poling, Crystal River,
Fla.
B.S. (Central State College)

Michael Paul Porterfield, Brecksville
B.A.

Philip Martin Primmer, Lancaster
B.A.

David Mark Primo, Cleveland
B.S. (Muskingum College)

Douglas Randolph, Dayton
B.S. (Ohio University)

Patrick Leo Rankin, Columbus
B.A.

Lewis Harry Richardson, Parma
Heights

Stephen Blaine Riggs, Athens
B.S. (Ohio University)

Robert Allen Ringgenberg, Fort
Wayne, Ind.
B.S. in Phar.

Paul Nedrow Ross, Bellevue, Wash.
A.B. (Miami University)

Philip Roth, South Euclid
B.S.

Michael Thomas Schaeffer, Cincinnati
B.S. (Xavier University)

Thomas Barney Schaide, Cleveland
B.A.

Arthur Eugene Sheppard, Philo
B.S. (Capital University)

Richard Allen Sherriff, Cleveland
Heights
B.A.

William Lee Simko, Cleveland
B.S. (Ohio University)

Barry Joel Simon, Cincinnati

Joel Slaven, Columbus

Gary Allen Sloan, University Heights

Robert Neil Smyth, Parma

Herbert Glendon Spangler, Jr.,
Columbus

Jon Edward Staley, Columbus
B.S.

Gary Alan Steinberger, Cleveland
B.S.

Keith Patrick Straka, Steubenville
B.S. (Ohio University)

Edward Arthur Striker, Cincinnati
B.A. (University of Louisville)

Robert Bray Taylor, Middletown
A.B. (Miami University)

James Edward Ullmer, II, Dayton

Thomas Joseph Verhoff, Columbus

Harold Lloyd Voss, Columbus
B.A.

Robert Stephen Webber, Shaker
Heights
B.A.

Jeffrey Randall Wentworth, West
Hartford, Conn.
A.B. (Kenyon College)

William August Westendorf,
Cincinnati
B.S. (Xavier University)

Kenneth Eugene White, Lima
B.S. (Ohio Northern University)

Mara Velme White, Toledo

Russell Albert Wilbourn, Worthington

Peter Douglas Will, Dayton
A.B. (College of The Holy Cross)

Roger Dale Winland, Pleasant City
B.A.

Michael Leonard Woods, Kenton

Thaddeus John Zak, Toledo

Michael Ralph Zetz, Canton
A.B. (Colgate University)

Certificate of Graduate Dental Hygienist

Seventy-six candidates

Carol Ruffell Andrews, Findlay
Pamela Ann Andrews, Hicksville
†Norene Lee Armstrong, Columbus
†Janis Elaine Baisel, Lakewood
Marcia Sue Beebe, Marietta
Melanie Jones Bolyard, Cambridge
Linda Ann Bruns, Columbus
Kathleen Hanley Caruso, Marion
Kathleen Jo Cox, Toledo
Linda Sue Curtis, Tulsa, Okla.
Leslie Bohl Davis, Columbus
Marsha Jean DeLor, Sandusky
Terri Ann Dennis, Columbus
Linda Maria Dominik, Celina
Susan Jane Dotter, Baltimore, Md.
Linda Ruth Ellison, Dayton
Susan Marie Erickson, Ashtabula
†Cheryl Ann Garber, Pittsburgh, Pa.
†Jeanne Marie Gliebe, Fairview Park
Brenda Heisler Goller, Hicksville
Charlene Gardner Hackett, Delaware
Mary Kathleen Haley, Dayton
†Dale Jean Harshman, Lima
Kathleen Blaser Heacock,
Cuyahoga Falls
Karen Jeanne Hires, Toledo
Carolyn Louise Hopson, Hilliard
Linda Lou Inbody, Findlay
Nancy Jean Jackson, Cincinnati
Eileen Marie Johnson, Columbus
Nedra Seaman Kimmel, Xenia
Marjorie Heigle Kiser, Gahanna
Catherine Rae Knecht, Columbus
Linda Irene Krech, Columbus
Linda Thompson Kring, Gahanna
Gloria Marie Kunstman, Cincinnati
Jacquelyne Sue Lalonde, Defiance
Jennifer Gene Leas, Cincinnati
Karen Elaine Lesch, Mansfield
Joan Carol Linder, Dayton
Ellen Wacksman Loveless, Columbus
Bonnie Dodd Lubitz, Cincinnati
Sara Elizabeth Macklin, Columbus
†Marylin Jane Marrinson, Cincinnati

Patricia Anne Mayer, Cincinnati
Colette Mazza, Mt. Vernon
†Deborah McClung, Columbus
Catherine Marie Miller, Miamiville
†Mary Louise Moreno, Columbus
Karen Bundy Moyer, Arcadia
Jeanne Webb Musser, Lima
Nancy Ann O'Brien, Columbus
Cheryl Ann O'Leary, Cincinnati
†Armida Lourdes Padilla, Columbus
Clara Janine Pettit, Cutler
Cheryl Lynn Ponsky,
Mayfield Heights

Vicki Joy Ramey, Columbus
Phyllis Kay Ramsay, Cincinnati
Elaine Wilson Rasey, Miamisburg
Sharon Whitney Reeder, Chardon
Christine Roksandic, Parma
†Judith Ann Rotter, Cleveland
Linda Kay Rupp, Wauseon
Darla Kay Schneider, Cleveland
Janice Ann Seibert, Toledo
Marlene Ella Shopneck, Toledo
Nancy Helen Smith, Englewood
Evalyn Maria Stimmel, Findlay
Geraldine Louise Swanton, Springfield
Lola Jean Thornton, Wellington
Ellen Diane Wagman, Youngstown
Kathleen Ann Waltz, Port Clinton
Kathleen Crunelle Ward, Columbus
Susan Lynne Warns, Walbridge
Sally Anne Wheeler, Columbus
Cynthia Elaine Winne, Xenia
Susan Frances Zorn, New Carlisle

† Also Bachelor of Arts,
College of the Arts and Sciences

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Seven hundred and eighty-three candidates

George Rhodes Abdalla, Jr., Newark
Larry Eugene Agler, Harrod
Sharon Rae Albert, Canton
Deborah Lynne Alexander, Columbus
Phillip Bruce Alkire,
Washington C. H.

Judith Lynn Allen, Bellaire
*Richard Baily Allen, Columbus
Laura Jane Alweis, Fort Lee, N. J.
Phyllis Shoberg Amato, Peoria, Ill.
Gail Harrison Apgear, Columbus
Jane Lynn Apple, Kettering
Jane Henry Applegate, Hillsboro
Adrienne Lee Arian, Cleveland
Karen Sue Armstrong, Columbus
Joanna Marie Arnholt, Loudonville
Bonnie Lou Arnold, Springfield
Rochelle Arnold, Cleveland Heights
Jo Ann Mary Aseff, Cleveland Heights
Vicki Lynn Aumiller, Hilliard
Kathy June Bahorek, Columbus
Larry Gene Bair, St. Paris
Juanita Mortimer Baker, Lima
Betsy Carolyn Baltuth, Cincinnati
Albert Barge, Seville
Marianne Barna, Shaker Heights
Bruce Charles Barnes, Columbus
Linda Sue Barnes, Columbus
Candace Joy Barr, Chicago, Ill.
Ann Elizabeth Barry, Columbus
Debra Dea Basinger, Pandora
Sandra Marie Bassett, Columbus
Danny Allen Edward Bates, Caldwell
Polly Urban Bates, Canton
Elizabeth Taylor Beach, Plain City
Shirley Ann Beachum, Columbus
David Allan Beck, Lakewood
Lonnie Lee Beckel, Cardington
Jeanne Graves Becker, Fostoria
Judith Ann Becker, Columbus
Candace Lawson Beery, Lima
Terri Sue Beilharz, Lima
Susan Elizabeth Bendler,
Reynoldsburg
Frances Sharyn Benis,
North Miami Beach, Fla.
Gloria Kay Bennett, Eaton
Patricia Anne Berland,
Cleveland Heights
Neila Sharon Bernstein, South Euclid
James Wilson Berry, Lucas
Timothy Lee Best, Lima
Dorlene Sue Betts, Cleveland
Robert Tracey Beverly, Reynoldsburg
Evelyn Hoyt Biga, Alexandria
*Roger Edmond Billingsley, Columbus

Robert Eugene Black, Conneaut
Bruce Alan Blackston, Sidney
David Alonzo Blakley, Lebanon
Harold Denver Blatt, Columbus
Leslie Karen Block, Larchmont, N. Y.
Ricky Block, Columbus
Howard Blott, Beachwood
Deborah Ferne Bogart, South Euclid
David Gregory Bohyer, Lima
Ned Louis Bollenbacher, Bellevue
Jo Ann Bolton, Toledo
Elaine Leslie Boltz, Columbus
Clinton Wilson Born, LaRue
David Charles Boss, Port Clinton
Susan Iris Botwin, Hollywood, Fla.
Robert Wayne Bower, Columbus
Thomas Karl Bowersock, Kenton
Betty Elizabeth Guggenaster Bozler,
Columbus
Leon Ray Bradley, Sardinia
Louise Jean Brandstetter, Canton
Abby Ann Breslow, Miami, Fla.
Kathleen Hoffman Brewer, Columbus
Marilyn Sue Brewer, Columbus
Tempest Susan Brewster, Columbus
Sandra Culbertson Bright, Zanesville
Marcia Anne Brill, Columbus
Linda Dubach Britton, Coshocton
Sharon Jane Broadwater,
Reynoldsburg
Kathy Ann Brock, Medway
William Lee Brockman, Westerville
Ann Kathleen Brown, Springfield
Karol Lee Brown, Loveland
Linda Kay Brown, St. Marys
Melanie Froehlich Brown, Seven Hills
Pamela Brown, Columbus
Ronald Richard Brown, Columbus
Karen Wareham Browning, Columbus
Susan Seidel Bucher, Chagrin Falls
Lynne Jackson Buchholz, Parma
Jack Patrick Bunce, Lebanon
Patricia Craycraft Burke, Cincinnati
Robert Patrick Burns, Columbus
Trudy Eileen Busey,
Canal Winchester
Jeanne Ann Butz, Columbus
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James Scott Cahall, Winchester
Harold Charles Cain, Williamsport
James Lanson Camp, Northfield
Carol Ann Campbell, Parma
Jeanne Marie Cannistra, McDonald
Jo Ann Dunnett Canright, Columbus
B.S. in Nurs.
Sheila Daniel Cantlebury, Columbus
Daniel Trenton Carlson,
Des Plaines, Ill.
Kathleen Ann Carnes, Elida

Thomas Joseph Carr, Grove City
Jean Frances Carroll, Youngstown
Donna Sue Carter, Milford Center
Mary Louise Casanta, Columbus
Edward Michael Casner, Groveport
*Nick Vincent Cavallieri, Parma
Kathleen Evelyn Cekanski, Hinckley
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Karen Ann Chaney, South Charleston
Linda Gillette Channing, Lima
Jean Gill Chase, Mansfield
Nina Vanderpool Christman,
Smithville, Tenn.
Karen Lynn Cirbes, Cleveland
Ruth Ann Clark, Urbana
Mary Ann Clement, Parma
Carolyn Jane Clinton, Columbus
Donna Chris Coachman, Grove City
Charlene Iris Cohen, South Euclid
Judith Adler Cohen, Great Neck, N. Y.
Karen Lynn Cohen, Maplewood, N. J.
Betty Jane Compton, Columbus
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East Liverpool
Cheryl Lynn Cook, Columbus
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Nancy Adkins Cooke, Plain City
Daniel Reed Cooley, Dover
Kenneth Larkin Cooper, Marion
Jane Ann Copeland, Wapakoneta
Rosamund Holcker Copp, Springfield
Jan Elizabeth Corbally,
Syracuse, N. Y.
Christopher Kilmer Cornell,
Westerville
Carol Kuhn Cotter, Columbus
Colleen Anne Cotter, Columbus
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James Clifford Cox, Westerville
Terry Allen Cozad, Crestline
Ralph Clement Craft, Lima
Ronald Dale Cramer, Iberia
Catherine Clair Crawford, Lancaster
Margaret Ann Crawford, Lima
Steven Ray Craycraft, Morral
Constance Lynn Crego, Grove City
Lenore Lynn Cristol, Hicksville, N. Y.
Sharon Anne Crook, Columbus
Ruth Ann Culshaw, Columbus
Ruth Griffin Cunningham,
Canal Winchester
Ann Louise Curtner, Berea
Rose Mary Cusick, Marion
Douglas Alan Dailey, Columbus
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Michael Ronald Dave, Columbus

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Colleges of the Arts and Sciences

Carol Ellen Davidow, Cleveland, Miss.
 Gordon Lee Davis, Wyoming
 Marilyn Harshman Dawson,
 Columbus
 Sharon Idle Dearwester, Wapakoneta
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 Lance Lindworth Decker, Marion
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 Stanley Philip Deibert, Columbus
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 Vera Logvinova Demeter, Columbus
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 John Robert DeRing, Newcomerstown
 Kathleen Holden De Serio, Parma
 Susan Rebecca Dick, New Carlisle
 Nancy Jo Dickson, Canton
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 Valley Stream, N. Y.
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 Vicki Bull Dukka, Columbus
 Laura Madeline Dunn,
 Shaker Heights
 Robert Lee Durnell, Houston
 Eileen Joan Dworkin, Shaker Heights
 Susan Irene Dworkin, Columbus
 Susan Mary Dyer, Fairview Park
 Beverly Sue Earls, Columbus
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 North Olmsted
 Arlena Claudette Edmonds, Cincinnati
 Audrey Edmonds, Fort Hood, Tex.
 Susan Kathleen Egelhoff, Columbus
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 Miriam Bea Eisenberg,
 Long Beach, N. Y.
 Janet Sue Elder, Florence, Ky.
 Cynthia Eileen Ellison, Dayton
 Karen Judith Engel, Youngstown
 Ellen Joy Epstein, University Heights
 Suzanne Lee Epstein,
 University Heights
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 New London, Conn.
 Kathryn Rhodes Feess, Alliance
 Jill Bonnie Feldman, Westbury, N. Y.
 Donna Lee Fendrich, Cleveland
 Carolyn Sue Fergus, Columbus
 John Robert Fial, Sandusky
 Jonathan W. Fickes, Leetonia
 Larry James Fillinger, Defiance
 Diane Ketteler Findley, Columbus
 Joan Ruth Finkelstein,
 Lawrence, N. Y.
 Linda Marie Firis, Rittman
 Joerdis Jauert Fisher, Wapakoneta
 Karen Lynne Fitzwater, Kettering
 Sharon Lee Flint, Columbus
 Cynthia Anne Flynn, Perrysburg
 Connie Lou Fogell, Ashland
 Vicki Lee Forster, Mansfield
 Allen John Foster, Kettering
 Janice Elaine Foulke, Columbus
 Kay Bahner Fox, Prospect
 Marcia Aron Fox, South Euclid
 Gloria Beth Frank, Los Angeles, Calif.
 Juliana Fraser, Perrysburg
 Steven Lewis French, Columbus
 B.S. (John Carroll University)
 Daniel William Freund, Mansfield
 Nancy Elizabeth Fried, Lyndhurst
 Lynne Carla Friedman,
 Cleveland Heights
 Mark Joel Friedman,
 Cherry Hill, N. J.
 Jeanne Louise Friemoth, Ottoville
 Ann Lavonne Funk, McArthur
 Alison Jean Furlong, Delaware
 Wendy Madeline Furst,
 Woodmere, N. Y.
 Virginia Golliday Gallenz, Lima
 Patricia Anne Garland, Amherst
 Joseph John Gawronski, Columbus
 Linda Sue Gerson, Cleveland Heights
 Nancy Sue Gerstein, Pittsburgh, Pa.
 Carole Jean Gerster, Akron
 Rennie Gertz, Akron
 John Wayne Geyer, Reynoldsburg
 Joyce Veigel Giauque, Fredericktown
 Hollace Day Gibbs, Rocky River
 James Edgar Gibson, Columbus
 Lonnie Ray Gillian, Uniontown, Pa.
 Alben Joseph Gillum, New Albany
 Karen Louise Gingrich, Columbus
 Diane Edythe Gladstone,
 Shaker Heights
 Ellen Lynne Goldstein,
 Mayfield Heights
 John Michael Goller, Ney
 Zelda Posternak Goobich, Columbus
 Fritz Albert Goss, Columbus
 Jacquelyn Gowse, Medina
 Kathryn Maureen Graney, Lima
 Michael Peter Grant, Tampa, Fla.
 Floyd Wilford Gray, Columbus
 Sarah Anne Greenlee, Columbus
 Lynn Ellen Griffith, Columbus
 Barbara Jane Grim, Mt. Sterling
 Randy Eugene Grimm, Marion
 Karen Suver Groeniger, Columbus
 Rebecca Ruyan Groseclose,
 Westerville
 Karen Sue Guher, Akron
 Myra Jean Gurevitz, Columbus
 Rebecca Cormany Gurio, Columbus
 Kay Torrence Gurney, Mansfield
 Sharon Annette Gutmann, Dayton
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 Andrea Susan Haas, Dumont, N. J.
 Monica Mary Haban, Columbus
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 Highland Park, N. J.
 Gene Fred Hagedorn, Oregon
 Mary Johnson Haines, Worthington
 Hope Juanette Hallum, Columbus
 Mary Klosky Hamilton, Euclid
 Pamela Sue Hamilton, Newark
 Kathleen Kennedy Hamman, Shelby
 Diane Lane Hammons, Columbus
 Sharon Louise Harbolt, Marion
 Cheryl Lane Hardman, Clinton
 Karen Sue Harkins, Bellefontaine
 Judith Annebell Harmon, Columbus
 Donna Nickell Harris, Waverly
 Jane Helen Harris, Dayton
 Thelma Lutisha Harris, Worthington
 Helen Lydia Harrison, Middletown
 Phyllis Hite Harrod, Galion
 Linda Lou Hawkins, Brinkhaven
 Edmond Joseph Hay, Jr., Columbus
 Kathleen Mary Hayes,
 Granite City, Ill.
 Laura Druga Heckathorn, Farmdale
 B.A.
 Barbara Ann Heffley, Mt. Sterling
 William Carl Heitland, Independence
 Carol Lynn Helmink, Rocky River
 Thomas Lynn Hemmert, Medina
 Mary Jane Henkel, Dayton
 Mark Garvin Herbert, Dublin
 Bonnie Lynn Hershey, Beachwood
 Judith Elaine Hill, Shaker Heights
 James Clifford Hilleary, Cincinnati
 Marcia Elliott Hilt, Springfield
 William Edgar Hilt, Piketon
 Mary Ann Hilty, Lima
 Nancy Elizabeth Hinchliffe, Salem
 Dennis Earl Hinkle, Celina
 Marianne Zeek Hite, Martins Ferry
 Marcia Ann Hnath, Clifton, N. J.
 Mona Louise Hobbs, Clarington
 *Ronald Lee Hoch, Prospect
 *Also Bachelor of Arts,
 Colleges of the Arts and Sciences

Elise Joan Hoffman, Mansfield
Sandra Lawrence Holloway,
Columbus
Thomas Glenn Holloway, Euclid
Sandra Kay Holub, Brook Park
Susan Iris Holzhauser, Sandusky
Ernest Jacob Hopkins, Cleveland
Gregory Alan Hover, Lima
Susan Brown Hubbard, Columbus
Marcia Keefe Humbert, Columbus
Janet Otte Hunt, Marysville
Sandra Flickinger Hupp, Marion
Dale Edwin Hurley, Bellefontaine
Carol Louise Husted, Olmsted Falls
Ronald Paul Huysman, Delphos
Suzanne Hyman, Springfield, N. J.
Marilyn Iannarino, Columbus
Carol Elaine Ingalls, Reynoldsburg
Virginia Munn Ingram, Grove City
Diana Lehman Ireland, Lima
Linda Ann Irwin, Teaneck, N. J.
Jane Susan Jackson, Dayton
Ann Lucile Jacobs, Marion
Robert Emil Jacobs, Bellaire
William Henry Jacobson,
Shaker Heights
Rosemary Jahahn, Columbus
Penny Germann Jarvis, Galion
Andrew Gordon Jay, New York, N. Y.
Thomas Allan Jess, Sidney
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Trotwood
Geraldine Munlin Johnson, Cincinnati
Janelle Rae Johnson, Columbus
Linda Louise Johnson, Mesa, Ariz.
Carol Stricker Jones, Mt. Vernon
Lesley Kae Jones, Lisbon
Lynn Merlin Jones, Reynoldsburg, B.S.
Mary Suzanne Jones, Shelby
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Sarah Louise Joseph, Utica
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Washington C.H.
Mark Steven Kaplan, Columbus
Shirley Ann Kappa, Fairview Park
Cynthia Jeanette Karas, Dayton
Beverly Katz, Somerville, N. J.
Deborah Anne Katz, Cleveland
Susan Frances Kausal, Kettering
Elizabeth Jane Kearns,
Port Washington, N.Y.
Thomas Howard Kearns, Columbus
Wayne Keiser, Grove City
Karen Estelle Keister, Hamilton
Mary Ann Kelch, St. Marys

*Frederick Dean Kelsven,
Belle Center
Doris Ellen Kemp, Cambridge
John William Kepple, Mt. Vernon
Everett Theodore Kessel, Columbus
Donald Roy Kettering, Ashland
Mary Alice Kidwell, Amlin
Janet King, Kettering
Eric Russell Kingery, Newark
Karen Sue Kinsley, Orrville
Mary Jeanine Kirchner, Columbus
John Alan Kirkham, Powell
Joy Pearl Kirsch, Monsey, N.Y.
Richard Eugene Klausling, Leipsic
Terri Ann Kleinman, Cleveland
Mary Jayne Klosterman, St. Marys
Diane Meister Knight, Bellefontaine
Joanna Hurst Knoll, Toledo
Sidney Wallis Koelling, Marion
Marshall Brooks Koenig, Wapakoneta
Brenda Ilene Koffler, Beachwood
Joyann Kohn, Warren
Janet Kolok, Byram, Conn.
Gayle Susan Korman, Cleveland
Renee Diane Kramer, Cleveland
Denis Maurice Kremer, Chickasaw
Cheryl Fulcomer Kriska, Canfield
Steven David Kriska, Parma
Elizabeth Ann Krumlauf, Newark
Raymond Michael Kruse, Columbus
Carolyn Rose Kuehne, Bucyrus
Vanda Francine Kunzelman,
Columbus
Marlene Joy Kursman,
University Heights
Georgia Ann Kwaczala, Cleveland
Teresa Catherine Landes, London
Roger Charles Laparo, Mansfield
Judy Ann Latella, Columbus
Janet Jo Lauer, Prospect
Marcia Heen Laven,
University Heights
Glenna Jean Lawrence, Heath
Jean Gayle Lazirko, Grove City
Jean Anne LeBel,
Pompano Beach, Fla.
Joyce Ann Lee, Columbus
Jack Charles Lefton, South Euclid
Anne Catherine Lehmenkuler,
Springfield
Jill Mona Leight, University Heights
Carolyn Cook Leonard, Mansfield
Charles Albert Lепley, Lima
Susan Alice Levenson,
South Hempstead, N.Y.
Ruth Riccarda Levi,
Long Beach, N.Y.
Linda Bonnee Levine,
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Linda Marlene Levine, Columbus
Barbara Gayle Lewis,
Cleveland Heights
Beverly Stumpf Lewis, Columbus
Richard Alan Lewis, Jr., Columbus
Marilyn Louise Liles, Bucyrus
Joann Frilling Liming, St. Marys
Dorothy Mae Lindsay,
Bethlehem, Pa.
Jill Ann Linkinaker, Springfield
Linda Rae Linn, Toledo
Barbara Jane Long, Cincinnati
Julia Christine Long, Bellevue
Rebecca Cathoun Long, Savannah
Ruth Knox Lovshin, Shaker Heights
Martha Elva Lozano,
Upper Sandusky
Michael Edward Luby, Columbus
Katherine Mary Ludwick, Cleveland
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Wilmington
Laurence Walter Lushinsky,
Youngstown
Connie Jean Lust, McCutchenville
Earnest Charles Lutz, Minerva
Pamela Sue Macher, Vandalia
Jill Suzanne Mack, Valley City
Sam Angelo Mackie, Bedford
Jamie Cryan Maddy, Helena
David Wells Magill,
Cleveland Heights
Kathleen Anne Maher, Columbus
Rachelle Riwka Maicmacher,
University Heights
Edward Carr Malowney, Columbus
Susan Krock Mandel,
University Heights
Vaughn Jeffrey Mantor, Massillon
Carol Mary Maresic, Madison
Joyce Hoverstock Marksberrry,
Jeromesville
Diana Lynn Marlatt, Cambridge
Diane Maureen Martin, Dayton
Mary Sue Martin, Westerville
Nancy Lynne Martin, Columbus
Suzanne Marie Martin,
West Jefferson
Janet Nancy Marx, South Euclid
*Leonard Ned Mathless, Columbus
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Seattle, Wash.
Ann Elizabeth Maurer,
New Philadelphia
Judith Warden Mayer, Newark
David Edward Maynard, Mansfield
Sandra Cologie McCall, Akron
Janet Lou McCleary, Columbus

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

Linda Kay McCoy, Washington C.H.
 Donna Ruth McCullough, Columbus
 B.A. (Capital University)
 Gay Lynn McCurdy, Woodsfield
 Sheila Marie McDermott, Lima
 Cathy Ann McDonald, Marion
 Eva Cohn McDonald, Columbus
 Shari Kay McGlaun, Dillonvale
 James Robert McGreevy,
 New Lexington
 John Howard McLaughlin,
 Virginia Beach, Va.
 Carol Elizabeth McStallworth,
 Wilberforce
 Roberta Hunsucker McTernon, Eaton
 Linda Ellen McVey, Whitehall
 Barbara Houston Mead, Youngstown
 Mary Susan Meadows, Troy
 Karen Bea Means, Cleves
 Helen Louise Medhurst, Worthington
 Louis Mello, Jr., Columbus
 Rosemary Melvin, Columbus
 Nicholas George Menedis, Yorkville
 David Arthur Merkle, Shelby
 Stephanie Katharina Messinger,
 Brook Park
 Janet Louise Meyer, Fostoria
 John Fred Meyer, Columbus
 Barbara Ruth Mierisch, Syosset, N.Y.
 Bernice Kaelter Milenthal, Cincinnati
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 Eileen Montgomery Miller,
 Pennsauken, N.J.
 Mary Jane Miller, Shelby
 Mary Susan Miller, Columbus
 Melissa Ann Miller, Hillsboro
 Pamela Stevens Miller, Lexington
 Patricia Ann Miller, Bucyrus
 Victor Lee Miller, West Lafayette
 Anne Evans Millikin, Cincinnati
 Sherry Lou Mollenkopf,
 East Palestine
 Patricia Ann Morrison, Newark
 Jane Ellen Moskowitz, Cincinnati
 Linda Kay Mott, Troy
 Thomas Lee Mottice, Canton
 Carla Jeanne Muir, Cortland
 Susan Kay Munch, Columbus
 Carolyn Fay Munn, Swanton
 James Elliott Murdock, Columbus
 Julie Ann Murphy, Columbus
 Peggy Jo Muskopf, Beach City
 Ann Moss Myers, Columbus
 LaVerne Scherger Nash, Newark
 Fanche Nastev, Columbus
 Nancy Sue Nathanson,
 Shaker Heights
 Anna May Nedolast, New Washington
 Dennis Norman Neeb, Helena
 Lynn Irene Needham, Parma
 David Owen Neel, New London
 John Mills Neiswanger,
 Topeka, Kan.
 Connie Lynn Nelson, Worthington
 June Barbara Neuman,
 Cleveland Heights
 Mary Elizabeth Newman, Columbus
 Laura Marie Niles, Akron
 Peggy Jean Noble, Cincinnati
 Richard James Noga, North Royalton
 Clarke Alfred Noles, Columbus
 Ellen Randy Notkin,
 Livingston, N.J.
 Jacqueline Joy Nusbaum,
 University Heights
 Gregg Lynn Obenauf, Berlin Center
 Timothy Robert O'Brien, Thornville
 Althea Vivien O'Hara, Lorain
 Robert Burman Ohler, Kenton
 Joseph Patrick O'Rourke, Jr.,
 Columbus
 Kathleen Ann O'Rourke, Columbus
 Mary Beth Overcash, Dayton
 Alexis Ann Owings, Mansfield
 Lucille Wolfe Ozvat, Cleveland
 Ronald Rudolph Pandy, Parma
 Kathleen Rae Pankratz, Lorain
 Mary Jacqueline Pantalos, Columbus
 Anne Elizabeth Parker, Dayton
 Sally Thompson Paugh, Granville
 Richard Arnold Pavlish,
 Cleveland Heights
 Isabel Susan Pearlman, Dayton
 Carl Anton Pecko, Jr., Cardington
 Susan Pegues, Yorktown, N. Y.
 Laura Terry Peltz, Franklin, Mich.
 Milton Thomas Pendarvis, Columbus
 Arlene Jahr Peterson, Columbus
 Josephine Ann Petrozzi, Steubenville
 Cheryl Rolf Phalen, LaGrange
 Angela Ann Phillips, Columbus
 Anthony John Piehowicz, Bellaire
 Cheryl Ann Pincombe,
 Middleburg Heights
 Christine Gabay Pizzedaz, Columbus
 Deborah Williams Platt,
 Pittsburgh, Pa.
 Jeanne Ellen Plezia, Lima
 Carol Anson Polazzo, Urichsville
 John Scott Pollock, Tiltonsville
 Martha Ruggles Porterfield, Columbus
 Joseph Clifford Powell,
 Washington C. H.
 Margie Ann Powell, Worthington
 Rex Joe Prater, Columbus
 Catherine Ann Preston, Canton
 Basil Roger Price, Fredericktown
 Linda Noblick Priest, Columbus
 Joy Edwards Prior, Gahanna
 Beverly Lynn Proffitt, New Albany
 Donna Jean Prosser, Lorain
 Janet Samolis Province, Columbus
 Patricia Ann Purk, St. Paris
 Deborah Rae Pyle, Greenville
 Pearl Edythe Rabiner, Lima
 Margaret Louise Ralston, Kenton
 Diana Douce Randall, Galloway
 Dolores Alexander Randolph,
 Columbus
 Ayers Ray Ratliff, Marion
 Robert F. D. Raukohl, Jr., Columbus
 Diane Jean Rawlins, Columbus
 David Collins Ray, Grove City
 Penelope Blessing Ray, Columbus
 Phyllis Epstein Ray,
 West Orange, N. J.
 Patricia Marie Recinella,
 Mingo Junction
 Worley Lee Reed, Washington C. H.
 Joseph Vincent Regano, Warrensville
 Donald Eddy Reiber, Vermilion
 Susan Elaine Reineke, St. Marys
 Lucille Mary Reiser, Barberton
 Livia Joan Reuben, Akron
 Julia Rhodes Reynolds, Marion
 Johanna Stock Rhoades, Canton
 Pamela Sue Rhoades, Marion
 Rosemary Rhodes, Marietta
 John Robert Rice, Warren
 Joseph Hubert Rice, Mansfield
 Cheryl Sue Rich, Long Beach, N. Y.
 Sharon Bena Richardson, Chicago, Ill.
 Jo Dill Riegel, Amanda
 Sarah Mapes Riley, Wooster
 Barbara Sue Ritchie, Amlin
 Michael David Roadruck, Coshocton
 Alicia Diane Robinson, Columbus
 Kay Aileen Robinson,
 Wilmington, Del.
 Martha Lou Rodabaugh, Hilliard
 James Thomas Rogers, Columbus
 Kaylin Ann Rogers, Lorain
 Jon William Rohal, Mansfield
 Mark Windle Roosa, Piketon
 Deborah Ann Rosenberg, Wilmington
 Enid Baum Rosenberg, Beachwood
 Marla Rosengarten,
 Belle Harbor, N. Y.
 William George Rosengarten, Ottawa
 Marcy Lamm Rotenberg, Chicago, Ill.
 James Edward Roth, South Euclid
 Marilyn Sue Roth, Columbus
 Peter John Rowan, Columbus
 Sylvia Rozanczyk, Columbus
 Sue Ann Ruben, Lima
 Amalia Jane Rufo, Willoughby
 Ronald Lee Rummel, Columbus

Paula Ann Rush, Holgate
Judith Lynn Rutherford, Columbus
Susan Sherron Salt, Middletown
Linda Carol Sands, Vienna, W. Va.
Elaine Carol Santo, Warren
Roosevelt James Scales,
San Diego, Calif.
Mary Stevenson Scherff, Mansfield
Shirley Ann Schifer, Bucyrus
Joseph Michael Schmelzer, Delphos
Janet Ann Schmidt, Marion
Maureen Paula Schneider,
East Meadow, N. Y.
Cherry Nolf Schreiber, Akron
Michael Brannon Schucker,
Bridgeport
Roni Joanne Schulman,
Lawrence, N. Y.
David Richard Schwabero,
New Knoxville
Rebecca Rae Schwall, Woodsfield
Gail Marie Schwartz, Akron
James Owen Schwarz, Columbus
Barbara Jean Scott, Columbus
Shella Ann Scott, Bainbridge
Gus Paul Seeger, Galion
Kathy Garriott Seifley, Mansfield
Lawrence Peter Shapiro,
Cedarhurst, N. Y.
*Donna Ruth Sheets, Columbus
Judy Kay Sheldon, Mansfield
Judy Wagner Shepherd, Mansfield
Kim Charles Shepherd, Shelby
Sharon Sue Short, Perrysburg
Patti Lynne Shurtz, Columbus
Kathleen Anne Shute, Columbus
George Henry Sickman, Dayton
Barbara Hoverman Siewertsen,
Van Wert
Joan Isabel Silbert, Massapequa, N. Y.
Joan Beth Silver, Massapequa, N. Y.
Robert Eugene Silver, Cleveland
Sandra Lee Skibinski, Toledo
Margaret Sabot Slingluff, Bay Village
Sharon Lee Slusser, Spencer
Bonita Motel Smith,
West Hazelton, Pa.
Douglas Glenn Smith, Columbus
Jeanne Ann Smith, Columbus
Mari Lynn Racer Smith, Greenwich
Sidney Smith, Jr., Jamaica, N. Y.
William Charles Smith, Conneaut
Yolande Sue Smith, Columbus
Tommy Lynn Smock, Stratton
Sandra Marie Smyth, Parma
Carol Ann Snashall, Grove City
Robert Valentine Snide, Delaware
David Vance Snyder, Marion
Gale Danzansky Snyder,
Washington, D. C.

Robert George Snyder, Warren
*Steven Nathan Solomon, Youngstown
Sharon Kay Souder, Fostoria
Patricia Carol Spach, Cleveland
Robert Charles Sprague, Columbus
Paul Edmund Spurgeon, Jr.,
Walhonding
Roseann Staffilino, Mingo Junction
Marilyn Elizabeth Stafford, Ashland
Robert Michael Stafford, Columbus
Susan Neshitt Stafford, Columbus
Margaret Jadwiga Stasikowski,
Lakewood
B. S.
Nancy Lee Stein, Youngstown
Kay Ellen Steinback, Aurora
Katherine Emery Steinman, Columbus
Laurien Michele Stell, Twinsburg
Carole Jean Stephens,
Cleveland Heights
*John David Stephens, Hillsboro
Esther Rose Stern, Cleveland
Noel Hathaway Stetson, Columbus
Gary Stewart, Columbus
Synda Ann Stewart, Springfield
Larry Edward Stimpfle, Groveport
Terry Lee Stinehelfer, Bucyrus
Judith Jane Stitzlein, Loudonville
Carolyn Jo Stocker, Columbus
Myrna Linett Strapp, Pittsburgh, Pa.
Karin Gene Stromberg, Cleveland
Linda Rose Strong, Lancaster
Laura Ruth Studen, Cleveland
Cyntia Sue Sullivan, Delaware
Paul King Sullivan, South Vienna
Cheryl Jean Swartz, Cleveland
Mary Jean Syfax, Columbus
Challas Dean Tackett, Portsmouth
Phyllis Joan Teplitz, Dayton
Sandra Knosp Terry, Fremont
Felecia Charlene Thacker, Columbus
Linda Jean Thomas, Vandalia
Mary Kobel Thomas, Newark
Susan Yvonne Thomas, Beallsville
Carol Ann Thorman, Dayton
Carole Lynn Thoryk, Cleveland
Sally Ann Thurman, Shaker Heights
Linda Sue Tone, Delaware
Susan Dawn Trago, Columbus
Mary Elizabeth Treboni, Columbus
Betty Bell Tryon, Columbus
Karen Joy Tuchman, Shaker Heights
Keith Alan Tussing, Lima
Gary Lee Tyo, Marion
Marcia Kay Ulmer, Bucyrus
William James Urbanik, Donora, Pa.
Gretchen VandenEynden, Columbus
Linda Estelle Vassall, Atlanta, Ga.
Marilyn Grace Veidt, Milford

Stephen Harry Verhoff,
Columbus Grove
Melinda Lou Vogel, St. Marys
Irene Kay Wagman, Youngstown
Ellen Elizabeth Waite,
Hingham, Mass.
Sandra Lynn Wakefield, Columbus
Bonnie Sue Wald,
Highland Park, Ill.
Paula Nachman Waldron, Gahanna
Marsha Lockhart Walker, Portsmouth
William Joseph Walker, Jr., Bryan
Donna Mae Walls, Springfield
Ruby Kay Walters, Lafayette
Mary Ellen Waltz, Norwich
Patricia Lynnette Wantz, Greenville
Veronica Ware, Rochester, N. Y.
Rebecca Reed Watson, Butler
William Joseph Weaver, Columbus
Martha Jane Wedge, East Canton
Judith Blake Weiher, Akron
Rebecca Fisher Weis, Columbus
Ellen Roberta Weiss, Marion
Amy Beth Weissberg,
Mt. Vernon, N. Y.
Claire Jean Wells, Columbus
John Francis Weskiel, Leipsic
Marcia Gayle West, Dayton
Pamela Drury West, Lima
Rita Kay West, Coshocton
Doris Jean Weston, Andover
Paula Parthena Weston, Findlay
Julie Kay Westwater, Lakewood
Barbara Bailey Whalen, Lima
Sally Ann Whetsel, Cincinnati
Adrienne Ruth White,
West Hartford, Conn.
Christine Mae Whitmer, Urbana
Theresa Beirne Wick, Columbus
Barbara Lynn Wieder,
University Heights
Dayna Williams Wilcoxson,
Reynoldsburg
Carolyn Sue Williams, Glenford
Robert Dewey Williams, Ottawa
Deborah Lee Wilson, Columbus
Mary Patricia Wilson, Arlington, Va.
Judy Kae Windom, Marion
Robert William Winkelman, Newark
Carol Lee Winner, Columbus
David Lee Wint, New Bremen
Cheryl Ann Winter, Cincinnati
Judith Lea Wise, Ft. Thomas, Ky.
Nancy Burch Wise, Columbus
Jacqueline Sue Wolf, Hamilton
Betsy Ann Wones, Mt. Gilead
Molly Kathleen Wootton, Columbus

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

College of Engineering

Dean: Harold A. Bolz

Joann Sohngen Wuille, Columbus
Beth Joy Wyman, Lorain
Helen Yaksic, McKeesport, Pa.
Elaine Grigas Yerty, Euclid
Kay Lynn Young, Roseville
Hlene Ruth Zakowitz, Pittsburgh, Pa.
Ellen Sue Zely, Shaker Heights
Barbara Austin Zinsmaster, Dayton
Judy Gay Zoss, Youngstown

Bachelor of Art Education

Nineteen candidates

Anne Marie Abegglen, Worthington
Barbara Ann Bissell, Cincinnati
Vicki Sollenberger Dehus,
West Milton
Suzanne Virginia Eberle, Columbus
Linda Marie Eisenhart,
Sawyer AFB, Mich.
Mary Lyon Gale, Canal Winchester
Deborah Lee Greif,
Highland Park, N. J.
Patricia Anderson Krumm, Columbus
B.S.
Kathleen Ann Lowe, Crestline
Michelle Patricia Murphy, Sandusky
Glenn Pettway, Urbancrest
Frances Carol Reed, Chicago, Ill.
Ellen Sue Roberts, Cleveland
Rosalind Maxine Scherr, Ashland, Ky.
Jennie Lou Secrest, Cambridge
Thomas Wayne Thompson, Columbus
Delores Weisheimer Toney,
Reynoldsburg
B.F.A.
Ellen Brooke Williams, Columbus
Trudy B. Zylinderberg, Cleveland

Bachelor of Music Education

Twenty-six candidates

Shirley Hickman Andrews, Columbus
William Paul Bender, Reynoldsburg
Richard Allen Berry, Mansfield
*Glee Alison Blosser, Baltimore
Barbara Anne Crockett, Findlay
Charlotte Anne Davis, Columbus
Joyce Schlessman Deering, Sandusky
Katharine Ann Fisher, Lima
David Eugene Frye, Akron
Susan Carol Gail, Northfield
Doyle Ed Gilliland, Waynesville
Barbara Hilscher Gray, North Canton
*Kathleen Sue Harrod, Harrod
Stephen Graf Jones, Lancaster

Paul Warren Lee, Columbus
Judith Rogers Martin, Reynoldsburg
Virginia Pauline Rainey, Georgetown
Edward Paul Sandor, Jr., Mansfield
Dale Richard Schubert, Continental
Lewis Edward Shields, Jr., Chauncey
Judy May Smallwood, Pataskala
James Douglas Tongring, Toledo
Donald Nathaniel Valentine,
Columbus
Harriett Josephine Walker,
Youngstown
Michael Christian Weiher, Vandalia
Becky June White, Belmont

Bachelor of Aeronautical and Astronautical Engineering

Fifteen candidates

Richard Merlin Casper, Harrod
Stephen Manfrin Clark, Lorain
Edward Allen Davidson,
North Canton
Donald Edward Deyling, Medina
George Bernard Dowell, Sidney
John Wayne Glenn, Columbus
William Michael Hale, Columbus
Eric Lamarr Keck, Columbiana
Steven Robert Markman,
South Euclid
Allen Bruce Miller, Springfield
Douglas Lee Ransbottom, Springfield
Laurence David Reed,
Rochester, N. Y.
**James Philip Rheinfrank, Columbus
Robert Joseph Shaw, Lisbon
Mark Eugene Wotell, Delran, N. J.

Bachelor of Science in Aeronautical and Astronautical Engineering

Five candidates

Blair Jeffrey Davis, Columbus
Frank Blackman Gray, Jr., Cincinnati
James Douglas Hickerson, Lafayette
Edwin Winfield Ruhl, Bellevue
Gary Lee Simmerly, Cleveland

Bachelor of Science in Agricultural Engineering

Two candidates

Robert Lynn Burris, Bolivar
Robert Eugene Heuer, Cincinnati

Bachelor of Ceramic Engineering

Four candidates

William Lee Baumbarger, Haskins
Franklin Wallace Keith, Dover
Robert Louis Murphy, Zanesville
Garrett Lee Scott, Creston

Bachelor of Chemical Engineering

Eleven candidates

Lewis Priestley Clark, Barberton
Paul Edmund Cooke,
Guy's Hill, Jamaica

* Also Bachelor of Music,
Colleges of the Arts and Sciences
** Also Master of Science, Graduate School

George Edward Cressman, Jr., Carey
Gary Warburton Good, Perrysburg
Terry Stephen Groh, New Boston
Gary Quentin Johnson,
St. Petersburg, Fla.
*Jay Ansel Kaplan, Canton
Michael Lester Nevin, Sidney
John Dwight Rensel, Tallmadge
Richard Bruce Strait, Worthington
Frederick Anthony Teeters, Buckland

Civil Engineer

one candidate

Nicolas G. Lymberidis, Athens, Greece

Bachelor of Civil Engineering

Thirteen candidates

Lowell Alan Avery, Hilliard
Richard Lee Beharry, Chesterland
Ronald Arthur Bell, Columbus
Edward Earl Brady, Bucyrus
*Doyle Raymond Clear, Jr.,
Waterville
*David Michael Good,
Huntington, W. Va.
John Joseph Januska, Chagrin Falls
Alan Joseph Kundtz, Fairview Park
Stephen Edward Martin, Cincinnati
Dale Stewart McDonald,
Endwell, N. Y.
Paul Edward McNamee, Hillsboro
Michael Bond Murray, Logan
Elwood Forrest Wells, Utica

Bachelor of Science in Civil Engineering

Ten candidates

Arthur Jon Andersen, Jr., Berea
Thomas Michael Brammell, Marion
Daniel Glen Bucher, Lima
Reuben Grossberg, Cleveland Heights
Thomas Jay Hendershot, Columbus
Bert Huffer, Union City
David Gene Nauman, Marion
Kenneth Theodore Paul, Cleveland
Steven Schneider, Long Beach, N. Y.
Joel Sloan, Cleveland Heights

Bachelor of Science in Computer and Information Science

Eleven candidates

Howard Buckholtz,
University Heights

Robert Kern Duncan, Jr., Dayton
Robert Watson Dunmire, Jr.,
Coshocton
Den Steven Farber, Columbus
Peter Craig Hanson, Columbus
Thomas Arthur Jacobs, Lakewood
Lloyd Andrew McLean, Ashtabula
John Brian Miller, Columbus
Harold George Pryor, Cleveland
Michael George Suffae,
Kensington, Md.
Tynan Arthur Wait, Asheville, N. C.

Bachelor of Electrical Engineering

Twenty-three candidates

Dwight Lee Amberg, Columbus
Robert Allan Anderson,
Spokane, Wash.
Richard Leroy Beery, Burbank
Stephen Douglas Bixler, Columbus
Gary Lee Claypoole, Worthington
George Edward Deichert, Fremont
John Frank Dodds, Novelty
Douglas Lowell Fichtner, Marion
Thomas William George,
Fairview Park
Harold Gaylord Hawkins, Napoleon
John Richard Hoffmann, Columbus
Roger Leonard Kane, Independence
Paul Richard McMullen, Bellefontaine
Howard Christian Meyer, Columbus
Michael Thomas Mills, Westerville
Hildegard Maria Minchenko,
Reynoldsburg
James Paul Overholt, Tallmadge
*Ronald Gordon Rule, Columbus
William Bernard Rust, Genoa
Stephen Alan Ryan, Zanesville
Richard Thomas Simko, Painesville
Kosmas George Synadinos, Columbus
*Marvin Kenneth Vander Kooi
Columbus,

Bachelor of Science in Electrical Engineering

Ten candidates

Ademola Frank Adeyemi,
Lagos, Nigeria
Franklin Enrique Ball,
Cayetano Germosen, Dominican
Republic
Richard Alan Barnett, Massillon
Henry Alan Bobulski, Westerville

Jack C. Cordes, West Milton
Richard Paul Curtner, Berea
William Bryan Dahmke, Columbus
Allan Ronald Reiver, Drexel Hill, Pa.
Fernando Raineldo Reyes,
Santiago, Dominican Republic
David Joe Swartz, Columbus

Bachelor of Industrial Engineering

Ten candidates

William Frederick Andrews,
Beach City
Thomas Arthur Bailey,
New Lexington
Jack Theron Baker, Xenia
John Benjamin Cosgray, Plain City
*Donald Herbert Hauenstein, Jr.,
Massillon
Michael John Mundorf, Stow
John William Renick, Columbus
James Frederick Sinnhuber, Warren
Daniel Warren Umberger, Jr.,
Columbus
George Michael Zelein, Hebron

Bachelor of Science in Industrial Engineering

Thirteen candidates

Jeffrey Bryon Belford, Cleveland
David Edward Foley, Cincinnati
Richard Lee Goodman, Canton
James Richard Henley, Dayton
James Elmer Hess, Lindsey
Arthur Benson Kehoe, Shelby
Ralph Harold Lusher, Jr., Gallipolis
Donald Benjamin Miller, Columbus
Jeffrey Vick Miller, Struthers
Richard Gilmour Nicholas,
Bay Village
Ernest Richard Parkin, Springfield
Herman Ivan Sorin, Hollywood, Fla.
Christopher Rex Zara, Columbus

Bachelor of Mechanical Engineering

Twelve candidates

John Fredrick Bauckman, Ashland
Marvin Robert Hornoff, Wadsworth
James Philip Leppert, Euclid
Merle Floyd McBride, Ashland

* Also Master of Science, Graduate School

Larry Gene McCarthy, Columbus
Richard Joseph Nisonger, Rossburg
Maston Bier Sansom, Chillicothe
*Willard Norman Shade, Jr., Attica
Richard Arthur Springman, Marietta
Danny Holt Whitley, Columbus
Walter Lee Wolf, Cleveland
Jan Beryl Yates, Columbus

**Bachelor of Science in
Mechanical Engineering**

Twenty candidates

David Alan Barry, Chagrin Falls
John Barta, Jr., Bedford
E. Philip Bucher, Chagrin Falls
Deane Francis Cobler, Columbus
Wouter Willem Dieperink, Tipp City
John Joseph Egan, Columbus
David Leigh Harden, Cleveland
Steven Edward Havelka,
North Olmsted
Thomas Eugene Hay, Dublin
Thomas Paul Hess, Newark
David Eugene Johnson, Canton
Louis James Kiraly, Parma Heights
Francis Rhodes Lancaster, Jr.,
Kent
Nick Martin Loprire, Warren
Robert Eugene Loy, Bucyrus
Craig Lee Patterson, Columbus
David Alan Shaffer, Mansfield
Michael David Stoltz, Dayton
Robert John Vrabel, Parma
Melvin Carroll Zeigler, Mt. Gilead

Bachelor of Metallurgical Engineering

Four candidates

David Charles Cartwright,
East Palestine
Richard Lee Helferich, Parma
Dennis Lee McGarry, Lewisville
Shelby Warren Scott, Fairborn

Bachelor of Science in Physics

Four candidates

Thomas Patrick Daly, Doylestown
*Robert Keith Jones, Benton Ridge
Robert Bruce Miller, St. Paris
Neil Eric Rich, Akron

Bachelor of Welding Engineering

Eight candidates

Randall Lee Davis, Belpre
Gregory Nicholas Geaman, Warren
Richard Morris Glass, Strongsville
Nicholas Reser Havill, New Carlisle
Terence Michael Miller, Columbus
Robert Louis Szabo, Parma
James Harrison Thomas, Columbus
B.S. in Edu.
Raymond Daniel Wolfangel, Jr.,
Cincinnati

School of Architecture

Bachelor of Architecture

Sixteen candidates

Michael Lee Ball, Spencerville
John Paul Blakie, Columbus
Lucky Block, Columbus
Kenneth Adam Bratka, Worthington
Bruce Douglas Casterline, Columbus
John William Emrick, Columbus
Lewis Jay Goetz, East Paterson, N.J.
George Frederick Henschel, Jr.,
Mt. Kisco, N. Y.
B.A. (Parsons College)
Erich Ernst Heppner, Columbus
Brian Darryl Horne, Gahanna
Raymond Jack Liberatore, Niles
John William Miller, Columbus
Raymond Daniel Nalewajek, Buffalo,
N. Y.
Larry Anthony Paul, Parma
Franklin Eugene Shepherd, Jr.,
Columbus
Ronald George Weaver, Edgerton

Bachelor of Science in Architecture

Eight candidates

James Charles Backes, Endicott, N. Y.
John Gilbert Dumas, North Canton
John Nicholas Gruitza, Hubbard
Michael Barnard Hobbs, Columbus
Charles Guerrette Kick, III,
Montebello, Calif.
David Mager, Columbus
Howard Norman Weissman,
Passaic, N. J.
David Armstrong White, Columbus

Bachelor of Landscape Architecture

one candidate

Alan Steven Ruby, Cleveland

**Bachelor of Science in
Landscape Architecture**

one candidate

Daniel Robert Jones,
Johnson City, N. Y.

* Also Master of Science, Graduate School

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

Seventy-eight candidates

Lawrence Darrell Adelman, Canton
B.A. (University of Pittsburgh)

Karen Holcomb Adkins, Hilliard
B.S. in Edu.

Maryann Baker, Parma
B.A.

Gregory Gary Baran, Cleveland
A.B. (Wittenberg University)

Robert Samuel Bauders, New Carlisle
A.B. (Princeton University)

Freda Florence Bein, Jamaica, N. Y.
A.B. (Hunter College)

John Carleton Berryhill, Barnesville
B.S. in Edu.

John Edward Brady, Scott
B.S. in Bus. Adm.

C. Simeral Bunch, Columbus
B.A. (Williams College); M.B.A.
(University of Virginia)

Joseph Lee Cain, Patriot
B.S. in Bus. Adm.

Benjamin Thomas Chinni, Galion
B.S. in Bus. Adm.

James Bruce Collier, Jr., Ironton
A.B. (Ohio University)

Samuel Ronald Cook, Jr., Marietta
B.A.

Robert Samuel Coon, Reno, Nev.
B.A. (University of Nevada)

Joseph John Cox, Columbus
B.A.

Carole Cronin, Lansing, Mich.
B.S. in Educ. (Michigan State
University)

Frederick W. Crow, III, Syracuse
B.B.A. (Ohio University)

Joseph Couture D'Arrigo, Beverly,
Mass.
B.A. (Fordham University)

Thomas Finley Dewey, Jr., Clyde
A.B. (Oberlin College)

J. Douglas Donenfeld, Dayton
B.A. (Northwestern University)

Miles Cutler Durfey, Springfield
B.I.E.

Lance Erle Eisenberg, Columbus
A.B. (University of Pennsylvania)

Lawrence S. Falter, Huron
B.S. in Edu.

Charles Frederick Freiburger, Troy
B.S. in Bus. (Miami University)

Timothy Dean Gerrity, Cleveland
B.A. (Miami University)

Gary Paul Gormin, St. Paul, Minn.
B.A. (University of Minnesota)

Curtis Griffith, Jr., Whitehall
B.A.

Bruce Myron Gunn, Riverton, N. J.
B.A.

John Glen Haas, Woodville
B.A. (Miami University)

Benjamin Wilkes Hale, Jr.,
Chesapeake
B.B.A. (Marshall University)

Robert Clayton Hargrave, Adena
B.A. (Muskingum College)

Steven Benton Hayes, Columbus
B.A.

Henry Neil Heuerman, Swanton
B.A.

Enid Hinkes, Newark, N. J.
A.B. (Barnard College)

William Walter Johnston,
Worthington
B.A.

Robert Kevin Jones, Willard
B.B.A. (University of Notre Dame)

William Henry Jones, Columbus
B.S. in Bus. Adm.

Keith Howard Jung, Indianapolis Ind.
A.B. (Indiana University)

Cheryl Hachman Keith, Norwood
B.A.

Daniel Joseph Kerscher, Columbus
B.S. in Bus. Adm.

William Paul Kinsey, Columbus
B.S. in Bus. Adm.

James Denny Kitchen, Adelphi
B.B.A. (Ohio University)

G. Jeffrey Knepper, Mentor
B.S. in Bus. Adm.

Robert Alan Koblentz, Columbus
B.A.

James Kura, Columbus
B.S.

Charles Kaye Ledsky,
Cleveland Heights
B.A.

Robert George Martinell, Forest Park
B.S. in Bus. (California State
Polytechnic College)

Jeffrey Lee McClelland, Columbus
B.A. (Miami University)

John Charles McClure, Troy
B.A. (Miami University)

Ian McDougall, Cleveland
B.B.A. (Cleveland State University)

Mark Kingsley Merkle, Jr., Granville
B.A. (Villanova University)

James Arthur Moore, Delaware
B.A.

John Allen Moyer, Findlay
B.A.

John Paul Palumbo, Maple Heights
B.S. in Edu.

Paul Vincent Pavlic, Columbus
B.A.

Roger Thorpe Peckinpaugh, Cleveland
B.A. (Ohio Wesleyan University)

Robin Eric Phelan, Columbus
B.S. in Bus. Adm.

John Stephen Pickrel, Dayton
B.A. (University of Dayton)

Peter Anthony Precario, Cleveland
B.A.

Robert Leslie Ransome, Denver, Colo.
B.A. (University of Colorado)

James August Readey, Kettering
B.A. (Depauw University)

Stephen Earl Rennecker, Norwalk
B.S. in Bus. (Miami University)

Robert Allan Retske, Dayton
B.A.

Kenneth Marvin Royalty, Cincinnati
B.A.

David Allen Sapphire, Shaker Heights
B.A.

Alan Michael Schwarzwalder,
Columbus
B.A.

Albert Mark Segreti, Jr., Canfield
A.B. (Wittenberg University)

John Fredrick Shampton, Dayton
B.A. (University of Dayton)

Alan Wayne Sheppard, Columbus
B.S. in Edu.

Robert Eugene Signom, Dayton
B.S. in Bus. (Miami University)

College of Medicine

Dean: Richard L. Meiling

Ronald Leslie Solove, Columbus
B.S. in Bus. Adm.

Brian Gregory Thomas, Berea
B.A. (Oberlin College)

Joseph Ewing VanBuskirk,
Chambersburg, Pa.
B.A.

Terry Johnson Walrath, Ashtabula
B.A. (Kent State University)

Charles Collins Warner, Gambier
B.A. (Yale University)

Charles Boyd Weed, Cincinnati
B.A.

Donald Leson Wiley, Celina
B.A.

Klaus Michael Ziermaier, Columbus
B.S. in Bus. Adm.

Doctor of Medicine

One hundred and forty-two candidates

David Munro Abbot, Columbus
A.B. (Ohio University)

William Norman Adkins, Jr., Troy
A.B. (Earlham College)

Douglas Robert Angerman, Navarre
B.S.

Charles Thomas Armstrong, Jr.,
Springfield
B.A. (Muskingum College)

Harold Nicholas Augenstein,
Hamilton
B.S. (Purdue University)

Nicholas Martin Baldassano,
Staten Island, N. Y.
B.S. (Wagner College)

Robert Stephen Bar,
Englishtown, N. J.
B.S. (Tufts University)

Wayne Allen Bare, Nevada
B.A.

William Dale Barker, Sidney
B.A.

Michael Joseph Basile, Youngstown
A.B. (Case Western Reserve
University); M.S. (University of
Illinois)

David Paul Baumgardner,
Grand Forks, N. D.
Ph.B. (University of North Dakota)

William Dixon Bazler, Columbus
B.A.

Thomas Francis Bear, Dover
B.S.

Lawrence Dwight Becker, Lima
B.S. (Case Western Reserve
University)

Neal Sheldon Birnbaum,
East Liverpool
B.A.

Kenneth William Blissenbach,
Youngstown
A.B. (Youngstown State University)

John David Blocher, Columbus
B.A. (Ohio Wesleyan University)

Lowell Harrison Body, II, Columbus
B.S.

Donald Clarence Boger, Lima
B.S.

Charles Alton Brown, Mt. Gilead
B.S. in Pharm. (Ohio Northern
University)

Reid Clarence Brubaker,
West Alexandria
A.B. (Miami University)

James Martin Byers, Greenfield
A.B. (Dartmouth College)

Sue Shu-Kwan Chan, Fairborn
A.B. (Antioch College)

Irene Marlow Chino, New Lebanon
B.S. (University of Dayton)

Richard Henry Clary, Columbus
B.A.

Terence Alan Cochran, Richwood
B.S.

Dennis Allen Cohen, Columbus
B.A.

Gregory Bruce Collins, Akron
B.A.

Donald Robert Cooney, Zanesville
B.S.

Michael John Cooney, Youngstown
B.S.

Robert Winston Cooper, Chillicothe
B.S.

Barry Reed Cover, Port Clinton
B.A. (Northwestern University)

William Lawrence Crawford, Warren
A.B. (Georgetown University)

David Edward Crouch, Dayton
B.S.

James Lyle Derickson, Columbus
B.S. in Agr.

Jon Alan Dula,
Wright-Patterson Air Force Base
B.A. (Southern Methodist University)

Ralph Otto Dunker, Jr., Euclid
A.B. (Cornell University)

Michael Alan Ellison, Dayton
B.A.

John Frederick Engstrom,
Chagrin Falls
B.A. (College of Wooster)

Richard Lee Faler, Jackson Center
B.S. (Bowling Green State
University)

William E. Feeman, Jr., Columbus
B.S.

Robert Arthur Feldman,
Shaker Heights
B.S.

- Roy Anthony Filly, Lyndhurst
A.B. (Ohio University)
- Frederick David Fingerhut, Toledo
A.B. (Miami University)
- Frederick Leroy Finke, Columbus
B.A.
- Alan Murray Fisher,
New Philadelphia
B.S.
- Charles Roy Ford, Berkey
B.A. (Eastern Michigan University)
- James C. Funderburg, Tiffin
B.S. (Massachusetts Institute of
Technology)
- Lowell Stephen Gaspar,
Fairview Park
B.A. (Kenyon College)
- Randolph Owen George, Dayton
B.A.
- William Uklen Gibson,
Hyattsville, Md.
B.S. (University of Cincinnati)
- Robert Joseph Gillesby, Fairborn
B.S.
- Eric Kent Glanzer, Kent
B.A. (Kent State University)
- Peter Grotuss, Springfield
B.S.
- Frank William Gruber, Columbus
B.S.
- Jack Sidney Gruber, Caledonia
B.S. (Otterbein College)
- John Robert Haaga, Troy
B.A.
- James B. Hall, Urbana
B.A.
- John Mark Hatheway, Massillon
B.S. in Agl. Biochem.
- Cherryl Bibler Hofstetter, Columbus
B.S.
- Kenneth Ray Hofstetter, Dalton
B.A. (Goshen College)
- Neal Evan Holleran, Cuyahoga Falls
B.A. (Kent State University)
- Robert David Huestis, Steubenville
B.S. (Denison University)
- Thomas Michael Hughes, Jr.,
Columbus
B.S. (University of Notre Dame)
- James Edgar Huprich, Baltic
B.A.
- Karen Sue Israel, Damascus
B.S. (Mount Union College); M.S.
- Thomas Emrys James, Jr., Vienna
B.S., M.S.
- John Howard Jensen,
Moorhead, Minn.
B.A., B.S. (Moorhead State College)
- Robert Edmund Johnstone,
Cincinnati
A.B. (Cornell University)
- Sandra Lee Kachkowski, Cleveland
B.S. (Baldwin-Wallace College)
- Gary Michael Kammer,
Cuyahoga Falls
B.S. (University of Akron)
- Walter Hyman Kaye, Cleveland
A.B. (Oberlin College)
- Rita Ann Keefer, Grove City
B.S.
- Charles David King, West Liberty
B.S. (Manchester College)
- George Franklin Kish, Perrysburg
B.S.
- Raymond William Knight,
Maple Heights
B.S. (Marquette University)
- Kim Knowles, Hartville
B.S. (Ohio University)
- *Carol Roth Kollarits, Uhrichsville
- Jerrald Whitney Kuenn, Kettering
B.S. (Purdue University)
- Marvin Eugene Leedy, Lima
B.S.
- Ward Houston Leedy, South Point
B.S.
- William Julius Lenz, Jr., Toledo
B.S.
- Lawrence Albert Lisska, Dublin
B.S.
- Gary Allen Littlepage, Worthington
B.S.
- Owen Williamson Logee, Wooster
B.S.
- Janet Lois Lohrbach, Fremont
B.S. (Capital University)
- Frank Clark Lyons, Jr.,
East Liverpool
B.S.
- Thomas Sprague Main, Athens
B.S. (Ohio University)
- Harold Linn Mast, Wooster
B.S. (University of Wisconsin)
- John Robert McCarroll, Zanesville
B.S.
- Richard Young McConnell,
Bellefontaine
B.S.
- James Arthur Mechenbier, Dayton
B.S. (Dartmouth College)
- John Frank Mentzer, Barberton
B.A.
- Thomas William Michaelis, Toledo
B.S. (University of Michigan)
- Louis John Morelli, Youngstown
A.B. (Youngstown State University)
- Mark Johnston Morton, Toledo
B.S. (Northwestern University)
- James Wilbur Ness, Dayton
B.S.
- Gary Lee Newland,
Grand Forks, N. D.
B.S. (University of North Dakota)
- Bertram Jeffrey Newmark,
Youngstown
B.A. (University of Southern
California)
- Richard Cletus Palmer, Cincinnati
B.S. (University of Michigan)
- Gordon Jean Peltier, Delphos
A.B. (Miami University)
- Leslie Evan Reese, Youngstown
B.A. (Yale University)
- Henry John Reineck, Fremont
B.S. (John Carroll University)
- Richard Charles Richley, Cincinnati
B.S.
- John Joseph Rinehart, McComb
B.A.
- James Richard Robertson, Jr.,
Findlay
A.B. (Miami University)
- Chester Kelley Robinson, Dayton
B.A. (Fisk University)
- Ann Lehman Rogers, Columbus
B.A. (Denison University)
- John Bernat Roth, Cleveland
B.A. (Northwestern University)
- Ronald Alan Ruhl, Covington
B.S.

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

David Henry Saunders, Shaker Heights
A.B. (Washington University)

Franklin Max Scheel, Grove City
B.S.

Helmut Schreiber, Cleveland
B.A. (Kent State University)

David Edward Schuller, Cleveland
A.B. (Rutgers College)

Daniel Comyns Scullin, Jr., Cuyahoga Falls
A.B. (Indiana University)

Mark Thomas Shapiro, Warren
A.B. (Indiana University)

Allen Jay Sherrow, Cleveland
B.A.

Barry Frederick Shesol, South Euclid
B.A. (University of Pennsylvania)

Richard Hunter Shoop, Fairborn
B.A. (Denison University)

Larry Allen Simon, Toledo
B.S. (University of Toledo)

George Dean Slater, Columbus
B.S.

David Eugene Smith, Chillicothe
B.S.

Stephen Punttenney Smith, Columbus
A.B. (Colby College)

William Sherman Smith, Springfield
B.S.

Donald Allen Spencer, Tiffin
B.S.

Jon E. Starr, Edon
B.S., M.S. (University of Toledo)

David Brian Stires, Canton
B.A.

Melvin Stone, Cleveland Heights
B.S.

Humbert Giroude Sullivan, Charlotte, N. C.
B.S. (Wake Forest University)

*James Arthur Thomas, Cincinnati
B.S.

Stephen Richard Uhlin, Poland
B.S.

Donald Victor Unverferth, Dayton
B.S.

Michael Anthony Walus, Jr., Cuyahoga Falls
B.A.

Rebecca Sue Wappner, Mansfield
B.S. (Ohio University)

Michael Henry Wilder, Cincinnati
B.S. (Ohio University)

Charles Edward Williams, Eaton
B.S.

Oliver Kenneth Williams, III, Berea
B.S. (Maryville College)

John William Wolf, Piqua
B.S.

Fred Watson Worley, Westerville
B.S. (Otterbein College)

Robert Paul Yamokoski, Cuyahoga Falls
A.B. (Case Western Reserve University)

Howard Yonas, Shaker Heights
B.S. (University of Pittsburgh)

Robert Graham Zimmerman, Englewood
A.B. (Miami University)

School of Allied Medical Professions

Bachelor of Science in Medical Dietetics

Thirteen candidates

Karen Ann Casselberry, Cleveland

Thomas Lee Craver, Barnesboro, Pa.

Charlene May Doane, Leavittsburg

Robert Allen Gilbert, Huntsville, Ala.
B.S. (Florence State College)

Steven Richard Lamar, Newport Beach, Calif.

Linda Ann Mann, Park Ridge, Ill.

Annette Louise Merleno, Seven Hills

Michael Alan Nolan, Auburn, Neb.

Patricia Ann Peden, Bedford

Sue Ann Serafy, Wellsville

Ellen Kathleen Shaffer, Akron

Maria Lorraine Walker, Reynoldsburg

Sharon Lee Zeigler, Mansfield

Bachelor of Science in Medical Illustration

one candidate

Laura Dean Leventhal, Cleveland

Bachelor of Science in Medical Technology

Eight candidates

Karen Irene Boley, Lake Charles, La.

Diana Laquaglia Dierkes, Powhatan Point

Debora Smith Dietz, Lima

Mary Schick Fichter, Columbus

Karen Ann Hines, Springfield

Linda Marie McCarty, Columbus

Beverly Marie Modzelewski, Cleveland

Sandra Rae Tuber, Youngstown

Bachelor of Science in Occupational Therapy

one candidate

Julia Mae Clemento, Elyria

Bachelor of Science in Physical Therapy

Thirty-nine candidates

Kathleen Covey Arnesen, Lakewood

Michele Zurweste Barton, Waynesville

Gary Eugene Blosser, Baltimore

Susan Jane Bowerman, Cleveland

William Dixon Caswell, Oregon

Judith Louise Cox, Youngstown

Linda Lee Crawford, Columbus

Sylvia Kathleen DiSabato, Columbus

Jacqueline Dale Drozdowicz, Toledo

Micky Lyn Galleher, Akron

Rosalie Jane Garner, Columbus

Fred William Hershberger, Wilmot

Lucy Lois Howard, Cincinnati

Cathy Jane Johnston, McDonald

Carol Lynn Kaminski, Toledo

Sharon Betty Karius, Maple Heights

Donna Binnig Keeney, Painesville

Geraldine Ann Kerr, Troy

Sheryll Lee Kupinski, East Rochester

Nancy Linklater, Solon

Cheryl Louise Lownik, Lakewood

Donna Sue McCowen, Wheelersburg

Gail Lynne McNaughton, Columbus

Carole Krieg McNeil, Cincinnati

Barbara Ann Michael, Springfield

Rebecca Fauser Naylor, Cleveland

Judy Eileen Parrot, Ft. Leavenworth, Kan.

Carole Lloydine Price, Dayton

* Also Master of Science, Graduate School

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Forty-seven candidates

Thomas Lloyd Altland, Massillon

Eric Warren Baer, Celina
B.S.

Jeffrey Barton Blanchard,
Rochester, N. Y.
B.S.

Donald Lloyd Brown, Vandalia

Stephen Nichols CaJacob, Lima
B.S.

David Charles Canfield, Uhrichsville
B.S. in Opt.

John Michael Cook, Ebersburg, Pa.

Donald Babcock Covert, Portsmouth
B.S.

Shirley Rohl Daniel, Mentor
B.S.

Terry Edward Daniel, Zanesville
B.A. (Muskingum College); B.S.

John Jay DeGroot,
Grand Rapids, Mich.

Gary Lee Dodd, Akron

James Robert Eakin, Franklin, Pa.

Robert Donald Ellis, Houlton, Me.

James Edgar Evans, Wellston
A.B. (Ohio University)

Bryan Davis Garretson, Euclid

Robert Joseph Gerberry, Youngstown
B.S.

Leonard Joel Goldstein,
Poughkeepsie, N. Y.
B.S.

John Norman Gunning, Jr.,
Chillicothe

Thomas Roger Hammond, Monroe
B.S.

Frederick Thomas Heller, Kettering

Clayton Nathaniel Hicks, Columbus
B.S.

Andrew Francis Iorio,
Saratoga Springs, N. Y.

Phillip Arnold Kades,
Cleveland Heights

Edward Doran Kasper, Flint, Mich.
A.B. (University of Michigan)

Howard Lee Kruman, Shaker Heights
B.S. (University of Toledo)

Lewis Asbury Ransdell, Frankfort
Jean Marie Riedel, Parma
Martha Ann Routh, Huron
Thomas Carl Schmidt, Sandusky
Barbara Lea Shaw, Cincinnati
Elizabeth Ewing Shirley, Cincinnati
Karen Ann Siemsen, Fremont
Susan Kay Thompson, Lebanon
Elizabeth Tilton, Frazeyburg
Colleen Kelly Whittington, Greenville
Linda Borngraber Wolfe,
Sheffield Lake

Certificate of Nurse Anesthetist

Two candidates

Judy Sharp Cowan, Cairo, W. Va.
Susan Louise Tinker, Cuyahoga Falls

School of Nursing

Bachelor of Science in Nursing

Sixty-nine candidates

Cynthia Leigh Axline, Glenford
Patricia MacDonald Baum,
Columbus

Joan Myhre Baumgardner, Delphos
Claudia Susan Beadle, Dayton
Sandra Alynne Biales, Maitland, Fla.
Bonita Eileen Brookie, Frankfort
Sharon Louise Burkholder, Dalton
Cyndra Cermak Bystrom, Painesville
JoAnne Dittiacur Crabb, Woodsfield
Karen Esterly Dunker, Reynoldsburg
Carolyn Rumsey Finney,
Olmsted Falls

Karen Lynn Foltz, Westerville
Sara Fulmer Ford, Alliance
Lois Elaine Gradisek, Lorain
Susan Blaho Hall, Parma
Patricia Ann Hansen, Massillon
Barbara Jo Hartrum, Cambridge
Elizabeth Diane Hastings,
Millersburg

Marguerite Louise Hawkins,
Columbus

Judith Ann Hawley, Bay Village
Saundra Trotter Hendershot, Cadiz
Sally Jane Grooms Heston,
West Union

Linda Pawloski Hite, Marietta
Nancy Martz Hothem, Franklin
Linda Annette Huber, Eastlake
Rebecca Shurance Hunyady, Medina
Janet Gibbons Jerge, Rocky River

Christina Joy, Cadiz
Jerradine Morgan Kennicott, Bellevue
Gloria Oliver Kline, Massillon
Mary Beatrice Knapp, Bridgeport
Karen Malmin Knicely, Akron
Linda Lou Krocka, Shelby
Ruth Ellen Leflar, Oxford
Linda Kay Lewis, Grove City
Kathleen Marie Lord, Bowling Green
Beth Anne Lucht, Kent
Elaine Francita Lynch, Columbus
Candace Elaine Magyar, Canfield
Eileen Margaret Maleski, Seven Hills
Marsha Sandra Mauning, Parma
Judith Ann Matusoff, Trotwood
Mary Ann Meredith,
New Philadelphia

Sydney Mauray Miller, Columbus
Kathleen Marie Moore, Lakewood
Pamela Kay Morse, Shelby
Nancy Ann Muir, Lorain
Katherine Ann Nelson, North Canton
Jane Ellen Neubauer,
Moundsville, W. Va.
Cathie Ann Oliver, Salem
Nancy E. Kleinhampl Pankuch,
Ravenna

Sheila Weil Resnick, Columbus
Paula Jean Ressler, Rocky River
Joanne Richardson, Harrod
Kathleen Anne Rohrs, Bowling Green
Sara Jean Schwartz, Lebaon
Marginia Kimbel Shockley, Akron
Theresa Jeanne Snaveley, Columbus
Kathryn Louise Stafford, Columbus
Diana Christine Staker, Cincinnati
Jane Ann Steinman, Kenton
Nancy Stewart, Lorain
Mary Ann Sutton, Tipp City
Elizabeth Dietrich Vajen, Napoleon
Miriam Lorraine Watters, Marion
Kathleen Ann Wells, Coshocton
Pamela Anne Wigginton, Oberlin
Patricia Marie Yarosh, Wellington
Ann Tweed Zollinger, Piqua

College of Pharmacy

Dean: Lloyd M. Parks

Ross Graven Leedy, Shreve
B.S. in Pharm. (Ohio Northern
University); B.S.

David Barry Levine, Columbus

John Douglas Levy, Dayton
B.S. (Ohio University)

Richard Jeffery Mathews, Bellville
B.S., B.A.

Dana Lee McQuinn, Heath
B.A. (Taylor University)

Joel Michael Michaels,
Cuyahoga Falls

Robert Brent Miller, Troy
B.S.

Ronald Harry Miller, Cincinnati
B.S. (University of Cincinnati)

Arthur Robert Newman,
Mayfield Heights
B.A. (Washington University)

Gary Bruce Pearch, Sherrodsville
B.S. (Mount Union College)

Paul Vincent Puffenberger, Tiffin

William Urquhart Reeves, Kent

Dennis, O. Roark, Greenfield
B.S.

Fred James Salim, Flint, Mich.
A.B. (University of Michigan)

Gail Michele Semon, Belleville, Ill.
B.S.

Vernon Frederick Siber, Jr.,
Columbus,
B.A. (MacMurray College); B.S.

Robert Noble Sieffert, Pittsburgh, Pa.
B.S.

James Edwin Smith, Mansfield
B.S.

Gerald Roland Spenko, Euclid
B.S.

Dennis Gordon Uthe, Berea

Dale Ward Van Dyke,
Grandville, Mich.

Bachelor of Science in Pharmacy

Fifty-five candidates

Pamela Allen, Chillicothe

David Lawrence Amato, North Canton

John Henry Artino, Bellevue

Ilze Balks Augenbergs, Tiffin

Thomas Eugene Baker, Brookville

Donald Leroy Bennett, Barberton

Kathleen Ann Bernard, Youngstown

Robert Allen Bernstein,
Irvington, N. J.

Richard Eugene Birnie, Worthington

Gerald Alan Burch, Akron

Robert James Burger, Dayton

Dennis Lee Carey, Grove City

Donald Harry Chmielewski, Toledo

Richard Lawrence Colson, Conneaut

John Carter Cook, Geneva

Gary Grant Custer, Scio

Roger Charles Edgington, Grove City

Gregory Royce Garner, Columbus

Thomas Clifton Hall, Akron

Michael James Hawley, Wellington

Mary Tashdjian Henne, Columbus
B.A., M.S. (American University of
Beirut); Ph.D.

Susan Marie Hetrick, Canton

Elaine Margaret Jones, Dayton

Richard Allen Jones, Youngstown

James Raymond Knight, Salem

Gardner Seaman Lemon, Barberton

Carl Hugo Lufter, Avon Lake

Phillip Eugene Lutz, Canton

Maureen Mae Malaney,
Duxbury, Mass.

Ellsworth Ralph McKnight, Granville
B.S.

Linda Suzanne Meyers,
Allison Park, Pa.

Ronald Wayne Miller, Jefferson

John Patsy Montenero, Tiltonsville

Craig Boley Nielsen, Dayton

Karen Figy Parsons, Wauseon

Charles Thomas Patton, Strasburg

Michael James Rieser, Columbus

Gary Mark Ringer, Bryan

Andrew William Roberts, Piqua
A.B. (Miami University)

Amelia Louise Sabino, Columbus

Miles Cecil Schuman, Dayton

Carl Edwin Sharp, Carey
B.S.

Steven Howard Sidell, Chicago, Ill.

Kenneth Anthony Skau, Colonia, N. J.

James Herbert Stewart, Mt. Pleasant

Paul Noah Tanenbaum, Columbus

Dennis Paul Thompson, Columbus

Nicholas Clair Trausch, Bryan

Gregory Scott Umstead, Sidney

William Harry Van Horn, Dayton

Malcolm Albert Weiss, Dublin

Elverett James Earl Williams,
Cleveland

David Cranston Wood, Bellaire

Stephen Kay Young, Loudonville

Craig Allan Zeigler, Wilmington

College of Veterinary Medicine

Dean: Clarence R. Cole

Doctor of Veterinary Medicine

Seventy-seven candidates

Thomas Michael Adams, Wickliffe

Harold Eldon Albert, Jr.,
Williamsport
B.S. in Agr.

Craig Walter Angerman, Massillon

David Alexander Baiduc, Warren
B.S.

Kenneth J. Baker, North Olmsted

David Allen Barley, St. Marys, W. Va.
B.S. (College of William and Mary);
M.S. (West Virginia University)

Gary David Baumann, Blanchester
B.A. (Wilmington College)

Ronald Henry Bockbrader,
Pemberville

Kurt Bretz, Cleveland
B.S. (Baldwin-Wallace College)

Paul Thomas Brisker, Wheelersburg
B.S. in Agr.

Ralph Edward Broshes, Elida

Robert Sidney Brown, Jr.,
Rocky River

Charles Frederic Bryner, Tiffin
B.S. (Heidelberg College)

Michael L. Cable, Cincinnati

Robert Edward Cape, Franklin
B.S., M.A. (Bowling Green State
University)

Gray Hugh Cardy, Akron

Shirley Hilda Clevenson,
Watertown, Mass.
B.S. in Agr.

Ronald Kelly Conklin, Hilliard

James Douglas Courtley, Youngstown
B.A. (Washington and Jefferson
College)

Michael Henry Covitt, Louisville, Ky.
B.S. (University of Kentucky)

Peter Edward Cyrog, Skokie, Ill.

Patrick Hamlin Dwyer, Toledo
B.S. (University of Toledo)

Robert Brooks Esplin, Toledo

Kent Edmond Farkas, Strongsville

Gregory Logan Faulkner, Mentor

Daniel Dee Frey, Cincinnati
B.S. in Agr.

Robin Hrebek Fritz, Chagrin Falls

James Joseph Gostlin, Akron

Ronald Harry Grothaus, Toledo
B.S. (Heidelberg College);
M.S. (University of Toledo)

James Ellis Guenther, Cincinnati

Mary Carol Hawes, Akron

Charles David Henry, Sabina

Thomas Michael Henson, Mansfield
B.S. in Agr.

John Clark Hersman, Jr.,
Weston, W. Va.
B.S. (West Virginia University)

James Clark Hughes, Cincinnati
B.S. (University of Cincinnati)

Thomas Lewis Isaac,
Charleston, W. Va.

Paul Edward Karr, Portsmouth

Adelbert George Kempf, Jr., Avon

Edward Joseph Kennedy, Miamiville

Lonnie James King, Wooster
B.S.

Philip Cobe Kosch, Columbus

Norman Henry Lazor, Lakewood

Dean Earnest LeBeau, Canton
B.S. in Agr.

Bruce John Lehky, Columbus
B.S.

Martha Mary Lepes, Chagrin Falls

David Howard Love, Vermilion

Lawrence Taylor Maddren,
Allentown, N. Y.

John Allen Mallow, Franklin, W. Va.
B.S. in Agr. (West Virginia
University)

Herbert Mark McCollum, Cincinnati

Larry Douglas McKenzie, Dayton
B.S. in Agr.

Michael Lawrence Menegay, Alliance

Randal Lee Phelan, Newark

Donald Peters Quillen, Ashville
B.S. in Agr.

Norman Louis Raflo, Cincinnati

Samuel J. Rice, Hamilton
B.S.

James Paul Ringer, Canton

Marvin George Rizer, LaRue
B.S. in Agr.

William Austin Rogers, Hillsboro

Donald Robert Rowles, Akron

Lawrence Wayne Sather, Westlake

John Stephen Scheiderer, Akron

Gary Landis Seesholtz, Columbus

Richard Zolman Segall, Youngstown
B.S.

Jerry Paul Shank, Ashland

Thomas Kieran Shehan, South Euclid
B.S. (Ohio University)

David Allen Shinaberry, Canton

David Edwin Somerville, Richmond

Raymond Darrell Stamper, Cincinnati
B.A. (University of Kentucky)

John Edward Stoughton,
Milford, Mich.
A.B. (Antioch College)

Hal Herbert Taylor, Jr., Columbus
B.A. (Hiram College)

Robert Millard Stevenson Temple,
Chagrin Falls
B.S. (Ashland College)

Leonard Martin Tinney, Waynesville

Donald Scott Traphagen, Powell
B.S. in Agr.

Harry Leroy Tripp, Jr., Canton

Donald Wesley Williams, Wilmington
B.S. Agr. (Purdue University)

Jerry Wayne Wolf, Xenia

John Thurman Yarrington,
Worthington

Graduates with Honors

Summa Cum Laude

Christine Marya Aubert, Aurora, Ind.
 Leland Wright Bard, Piqua
 Freda Florence Bein, Jamaica, N. Y.
 Jeanette Elaine Bialczak, Columbus
 Patricia Matthews Boling, Columbus
 Reid Clarence Brubaker,
 West Alexandria
 William Graham Byrne, Columbus
 Allen Leonard Byrum, Orient
 Nelly Maude Case,
 Washington Court House
 Brian Oliver Clark, Sandusky
 Doyle Raymond Clear, Jr., Waterville
 Samuel Ronald Cook, Jr., Marietta
 Thomas William Cordrick, Cleveland
 Thomas Patrick Daly, Doylestown
 Joseph William DeHaven, Kettering
 George Edward Deichert, Fremont
 Betty Mattix Dietsch, Marion
 Karen Cain Farahay, Worthington
 Robert Allen Farr, Canfield
 Roy Anthony Filly, Lynchhurst
 Carolyn Sue Fitzsimons,
 New Waterford
 Karen Louise Gingrich, Columbus
 Sarah Anne Greenlee, Columbus
 Judith Elaine Hill, Shaker Heights
 James Richard Ingrassia, Amherst
 Larry Gene Jennings, Bluffton
 Edward Joseph Joyce, Mansfield
 Gary Michael Kammer,
 Cuyahoga Falls
 Mary Ann Kelch, St. Marys
 Daniel Joseph Kerscher, Columbus
 David Lynn Klein, Coshocton
 David Lee Koster, Barberton
 Cheryl Fulcomer Kriska, Canfield
 Mary Frances LaValley, Columbus
 Anne Catherine Lehmenkuler,
 Springfield
 Johanna Bernadette Leonowicz,
 Trenton, N. J.
 Philip Shane Levoff, Columbus
 Barbara Gayle Lewis,
 Cleveland Heights
 William John Lightfoot,
 Shaker Heights
 James Raymond Liles, Lafayette
 Jill Ann Linkinhoker, Springfield
 Deborah McClung, Columbus
 James Robert McGreevy, Lexington
 Robert George Martinell, Forest Park
 Robert Brent Miller, Troy
 Mark Johnston Morton, Toledo
 David Alan Munn, Grafton
 LaVerne Scherger Nash, Newark
 Jerry Edward Nathan, Columbus
 Kathleen Rae Pankratz, Lorain
 Angela Ann Phillips, Columbus
 Linda Wood Prout, Lima
 Thomas Joseph Quinlan,
 Milledale, N. J.
 Alicia Diane Robinson, Columbus
 William Austin Rogers, Hillsboro

David Michael Rosenberg, Beachwood
 Deborah Ann Rosenberg, Wilmington
 Enid Baum Rosenberg, Beachwood
 Kenneth Marvin Royalty, Cincinnati
 Thomas Howard Rutherford,
 Columbus
 Willard Norman Shade, Jr., Attica
 Edward Franklin Schlegel, III,
 Coshocton
 Robert Joseph Shaw, Lisbon
 Judy Wagner Shepherd, Mansfield
 Ronald Leslie Solove, Columbus
 Cynthia Sue Sullivan, Delaware
 John Dennis Wallrabenstein, Milan
 James Michael Ward, Jr., Columbus
 Charles Boyd Weed, Cincinnati
 Jan Beryl Yates, Columbus
 Klaus Michael Ziermaier, Columbus

Cum Laude

Karen Holcomb Adkins, Hilliard
 Deborah Lynne Alexander, Columbus
 Judith Lynn Allen, Bellaire
 Harry Lowell Amsbary, Gallipolis
 Robert Louis Andras, Springfield
 Jane Henry Applegate, Hillsboro
 Susan Lynn Archer, Steubenville
 Mary Joan Arnett, Westerville
 Sara Margaret Azallion, Dillonvale
 David Allen Baab, Wooster
 Maryann Baker, Parma
 Cynthia Carol Bailey,
 Franklin Furnace
 Frank Michael Baldauf, Delphos
 Gregory Gary Baran, Cleveland
 Craig Douglas Barclay, Newark
 Robert Samuel Bauders, New Carlisle
 Robert Warren Baxter, Jr.,
 North Canton
 Janet Winifred Bay, Kilbourne
 Elizabeth Taylor Beach, Plain City
 Brian Michael Becher, Columbus
 Thomas Albert Beiter, Lancaster
 Edgar Louis Berre, Jr., Cincinnati
 Timothy Lee Best, Lima
 Neal Sheldon Birnbaum, Liverpool
 James Patrick Birong, Fairview
 David Alonzo Blakley, Lebanon
 David Gregory Bohyer, Lima
 John Edward Brady, Scott
 William Lee Brockman, Westerville
 Shirley Nettie Brownell,
 Monrovia, Liberia
 James Martin Byers, Greenfield
 Jeanne Marie Cannistra, McDonald
 Susan Kathleen Caffrey,
 North Syracuse, N. Y.
 Harold Charles Cain, Williamsport
 Stephen Roger Channon, Columbus
 Benjamin Thomas Chinni, Galion
 Charlene Iris Cohen, South Euclid
 Francine Carol Cohen,
 University Heights
 Ralph William Colla, Youngstown
 Harmon James Conrad, Sterling
 Anne Marie Coon, Columbus
 Donald Robert Cooney, Zanesville
 Jane Ann Copeland, Wapakoneta
 Carol Kuhn Cotter, Columbus
 Joseph John Cox, Columbus
 Thomas David Croft,
 Evanston, Ill.
 Carol Jean Cross, Cambridge
 J. Douglas Donenfeld, Dayton
 Thomas Darwyn Edwards, Oak Hill
 Jonell Anne Duda, Newark
 Marjory Irene Ehrlich,
 North Miami Beach, Fla.
 Lance Eric Eisenberg, Columbus
 Margaret Jane Emerson,
 Natrona Heights, Pa.
 Judith Carol Engelman, Columbus
 Jeanne Marie Erickson, Columbus
 Karen Lynne Fitzwater, Kettering
 Kay Bahner Fox, Prospect
 Charles Frederick Freiburger, Troy
 Helen Bissell Garverick, Lexington
 Hollace Day Gibbs, Rocky River
 William Uklen Gibson,
 Hyattsville, Md.
 Robert Allen Gilbert, Huntsville, Ala.
 Alben Joseph Gillum, New Albany
 Eric Kent Glanzer, Kent
 Maureen Ann Glatteman, Trotwood
 Steven Eugene Glass,
 Washington C. H.
 John Michael Goller, Ney
 Marilyn Ann Gorman, Cincinnati
 Lynn Ellen Griffith, Columbus
 William Tod Gruenbaum, Marysville
 Myra Jean Gurevitz, Columbus
 Steven Ifor Gutman, Dayton
 John Robert Haaga, Troy
 John Glen Haas, Woodville
 Benjamin Wilkes Hale, Jr.,
 Chesapeake
 Linda Degener Hall,
 Eggertsville, N. Y.
 Margery Ellen Halpern,
 Worcester, Mass.
 Sharon Louise Harbolt, Marion
 James Michael Hamilton, Columbus
 Kathleen Sue Harrod, Harrod
 Robert Dane Heitzman, Wellston
 David Shannon Hess, Mansfield
 Marcia Elliot Hilt, Springfield
 Elise Joan Hoffman, Mansfield
 Thomas Glenn Holloway, Euclid
 Bruce Edward Howard, St. Paris
 Marcia Keefe Humbert, Columbus
 Carol Elaine Ingalls, Reynoldsburg
 Keith Howard Jung, Indianapolis, Ind.
 Maija-Liisa Nousiainen Kariki,
 Columbus
 Patrick Kelly, Columbus
 Charles David King, West Liberty
 Louis James Kiraly, Parma Heights

Carol Roth Kollarits, Uhrichsville
June Ellen Komar, Bedford
Philip Cobe Kosch, Columbus
Theodore Kent Krisher, Worthington
Michael Joseph Kuhlman, Findlay
Frances Ellen Lappe, Columbus
Charles Kaye Ledsky,
Cleveland Heights
Ruth Ellen Leflar, Oxford
Ernest William Leggett, Jr., Columbus
Erick Matthew Lintala, Wooster
Catherine Sautter Long, Columbus
Kenneth James Lowry, II,
Huntington, W. Va.
Thomas Sprague Main, Athens
Susan Krock Mandel,
University Heights
Linda Ann Mann, Park Ridge, Ill.
Philip Marder, Maywood, N. J.
David Cargill Marshall, Columbus
June Waitas Marshall, Cincinnati
Judith Warden Mayer, Newark
Ralph Martinek, Cleveland
Steven Jerry McCoy,
Washington C. H.
Dale Lynn McGirr, Alliance
Sheryl Louise McKee, Mt. Vernon
Lois Ann Mefferd, Lima
Stephanie Katharina Messinger,
Brook Park
John Fred Meyer, Columbus
Robert Bruce Miller, St. Paris
William Walter Miller, Canton
Gregory Scott Mills, Cincinnati
Linda Jennifer Muhleman, Bellbrook
Gary David Myers, Ashtabula
Ronald Ellis Nassar, Toledo
Harvey Allen Nesser, Bellefontaine
Sandra Lindemood Nichols, Columbus
Ellen Randy Notkin, Livingston, N. J.
Robert Terrence Olbrysh, Toronto
Thomas George Oyer, Wapakoneta
Harold DeWolf Paddock, III, Aurora
John Paul Palumbo, Maple Heights
Karen Figy Parsons, Wauseon
David Myron Parry, Hillsboro
Robin Eric Phefan, Columbus
Michele Elaine Popp, Columbus
Virginia Pauline Rainey, Georgetown
Mark Halsey Randles, Worthington
Lewis Asbury Ransdell, Frankfort
James August Readey, Kettering
Susan Elaine Reineke, St. Marys
Robert Allan Retske, Dayton
Michael David Roadruck, Coshocton
Samuel Allan Rodner, Cincinnati
Mark Windle Roosa, Piketon
Richard Dave Rosen, Miami, Fla.
Leona Jean Rosenfield,
Champaign, Ill.
John Bernat Roth, Cleveland
David Edward Schuller, Cleveland
Daniel Comyns Scullin, Jr.,
Cuyahoga Falls
Albert Mark Segreti, Canfield

Ellen Kathleen Shaffer, Akron
John Fredrick Shampton, Dayton
Donna Ruth Sheets, Columbus
Kim Charles Shepherd, Shelby
William Alfred Sherertz, Lynchburg
Patti Lynne Shurtz, Columbus
Radojka Skocic, Parma
Carol Lyn Spangenberg,
Brighton, Mass.
Robert Charles Sprague, Columbus
Donna Jean Sprinkle, Hillsboro
Sharon Ann Stonecipher, Chardon
Mary Ann Sutton, Tipp City
Wesley Howard Sylvania, Columbus
Robert Bray Taylor, Middletown
Leonard Martin Tinney, Waynesville
Martha Ann Tonjes, Sherwood
Kathleen Maria Toth, Columbus
Lee David Tucker, Rochester, N. Y.
Daniel Warren Umberger, Jr.,
Columbus
Gregory Scott Umstead, Sidney
Donald Victor Unverferth, Dayton
Thomas Robert Vajen, Napoleon
Marvin Kenneth Vander Kooi,
Columbus
Mary Frances Vartorella,
Berlin Heights
Stephen Harry Verhoff,
Columbus Grove
Melinda Lou Vogel, St. Marys
Gynan Arthur Wait, Asheville, N. C.
Jutta Lerch Wait, Parma
Cheryl Joan Waldeck, Columbus
Paula Nachman Waldron, Gahanna
Charles Collins Warner, Gambier
Barbara Jean Weaver, Dayton
Michael Christian Weiher, Vandalia
Carol Whiteside Weisenberger,
Columbus
Ronald Joseph Weisenberger,
Columbus
Donald Leson Wiley, Celina
Bruce David Winchester, Oregon
Barbara Bailey Whalen, Lima
Christine Mae Whitmer, Urbana
Theresa Beirne Wick, Columbus
Becky June White, Belmont
Janice Lee Yake, Columbus
Stanley Kay Yarnell, Wooster
Hsushi Yeh, Columbus
Steven Kay Young, Loudonville

**Summa Cum Laude and with
Distinction in Agricultural Education**

Thomas Michael Archer, Sidney

**Summa Cum Laude and with
Distinction in Horticulture**

Joseph Dale Vodraska, Seven Hills

**Summa Cum Laude and with
Distinction in Mathematics**
Georgia McClure Benkart,
Youngstown
David Yuan-Yee Yun, Columbus

**Cum Laude and with
Distinction in Agricultural Economics**
Larry Melvin Wendt, Napoleon

**Cum Laude and with
Distinction in Animal Science**
David Howard Adamkin,
North Massapequa, N. Y.

**Cum Laude and with
Distinction in Economics**
Donald Kennicott, Lexington, Tenn.

**Cum Laude and with
Distinction in English**
Peggy Louise Bennington, Cadiz
Terry Scott Nagel, Cincinnati

**Cum Laude and with
Distinction in French**
Larysa Ann Mykyta, Lorain
Michael Earl Wonacott, Columbus

**Cum Laude and with
Distinction in German**
Stephen Edward Fortkamp, Columbus

**Cum Laude and with
Distinction in History**
Gerard Israel Adelman,
Brooklyn, N. Y.
Gary Allen Feess, Columbus
Linda Lou Meyers, Deltona, Fla.
Phillip Stephen Oberrecht, Hamilton

**Cum Laude and with
Distinction in Home Economics**
Jennifer Lynn Sedgwick, Columbus

**Cum Laude and with
Distinction in Journalism**
Marian Dickinson Deaton, Columbus

**Cum Laude and with
Distinction in Mathematics**
Douglas Wayne Townsend,
Fort Mitchell, Ky.

**Cum Laude and with
Distinction in Natural Resources**
David Paul Whittingham, Westerville

Alumni Awards for Distinguished Teaching 1969-1970

Cum Laude and with Distinction in Political Science

Dana G. Rinehart, Columbus
Stephen J. Rosenbaum, Skokie, Ill.
Frank Allen Titus, Pomeroy

Cum Laude and with Distinction in Psychology

Glenn Stewart Davidson, Lima
Paul Huston Dillahunt, II, Columbus

Cum Laude and with Distinction in Social Science

Dan David Sandman, Cincinnati

Cum Laude and with Distinction in Spanish

Pamela Jean Sharpe, Tiffin

With Distinction in Agricultural Economics

Norman Eugene Murray, Old Fort

With Distinction in Agronomy

Paul Leroy Jacquemin, Hamilton

With Distinction in Animal Science

William Elmer Kunkle, Alvordton

With Distinction in Anthropology

Jeri Lyn Studebaker, Springfield

With Distinction in Botany

John Alan Linthicum, Columbus

With Distinction in Economics

Michael Peter Arthur,
South Bend, Ind.

With Distinction in English

William Robert Donaldson, Columbus

With Distinction in Entomology

Ioannis Michael, Limassol, Cyprus

With Distinction in French

Joseph Bartholomew Borgo, Columbus

With Distinction in German

Robert Lee Popham, Mansfield

With Distinction in History

Charles Harry Schoborg, Cincinnati

With Distinction in Home Economics

Rebecca Jane Bales, Eaton
Evelyn Luise Rowoldt, Canton

With Distinction in Natural Resources

Nancy Josephine Scholl, Franklin

With Distinction in Political Science

Christopher John Miller, Cincinnati

Through the Alumni Association and the Ohio State Development Fund, annual awards have been provided to recognize and give evidence of the importance placed on superior teaching in the University and to provide encouragement and incentive for teaching achievement.

The 1969-1970 Alumni Awards for Distinguished Teaching, including cash awards of \$1,000 each, were presented to the following recipients at a ceremony on May 27, 1970:

E. Milton Boone, Electrical Engineering
Simon Dinitz, Sociology
W. Thomas Lippincott, Chemistry
William A. Lyell, E. Asian Languages and Literatures
Joseph J. Quaranta, Education
Frieda I. Shirk, Nursing
William J. Tyznik, Animal Science
Milton Wyman, Veterinary Medicine

All faculty members engaged in teaching and on full-time appointment, with the rank of instructor through full professor, are eligible for consideration. Previous recipients of the award are not eligible, but any person who has been previously nominated may be nominated again. The awards are based primarily on teaching achievement, although scholarly activity and productivity as reflected in the quality of the teaching and its impact on students are taken into account.

Nominations are made by students, faculty, and alumni. A committee of undergraduate and graduate students evaluate all nominations and submit the names of twenty to thirty nominees to the Committee on Awards for Distinguished Teaching. The members of this Committee select the recipients.

Page 631 Blank

Page 632 Blank

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

Columbus, Ohio, June 19, 1970

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, John G. Ketterer, in a special meeting on Friday, June 19, 1970, at 10:00 a. m.

Present: John G. Ketterer, Chairman, James W. Shocknessy, John H. Dunlap, Jack G. Gibbs and Frederick R. Eckley.

June 19, 1970 meeting, Board of Trustees

Mr. Ketterer made the following statement:

At the regular meeting of the Board last week there was an issue presented to the Board that involved the employment of Charles Ross as the Director of the Black Studies Program, a Program which I might add has been in the making for some time and had been authorized by the Board of Trustees several months ago. With only six members of the Board present at that meeting, the vote in respect to the employment of Mr. Ross was three members in favor to three members against, resulting in a defeat of this recommendation. The afternoon following the meeting, the Faculty Advisory Committee asked to meet with a representative of the Board, and since I happened to be on Campus, staying over to attend graduation on Friday, I agreed to honor the Committee's request. At that time the point was made that on a matter of such importance the academic community, the students of the University, the faculty and the interested people in this State had a right to know how all of the members of the Board stood on this matter. After some reflection, I decided that a special meeting should be called. Members of the Board were polled in an effort to select a date which would have as many members available as possible. And so this meeting was called, notices were sent out, and we are assembled today to deal with this one issue and that is the issue of the employment of Mr. Ross as Director of the Black Studies Program.

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I. PERSONNEL CHANGE

President Fawcett recommended that the following Appointment be approved:

A. Appointment

Charles O. Ross, Chairman, Black Studies division, effective July 1, 1970, at a salary of \$24,528.00 for twelve months. He will also hold the title Associate Professor in the School of Social Work at No Salary.

Upon motion of Mr. Dunlap, seconded by Mr. Shocknessy, the foregoing Appointment was approved by unanimous roll call vote.

Mr. Shocknessy made the following statement after the approval of the appointment of Mr. Ross:

Mr. Chairman, I would like to make a statement. By the vote here this morning, eight of the nine members of our Board have given public expression concerning the employment of Mr. Ross. The three members who voted against this employment last week are not here today. I do not know why they are not here; accordingly, I cannot pass judgment on their absence. But two of the members who were not here last week are here today. And this vote today by five members of this Board is not merely a vote of a majority of a quorum, but the five members who have just voted constitute a majority of the Board. Only one member of our

June 19, 1970 meeting, Board of Trustees

Mr. Shocknessy's statement (continued)

Board has not publicly passed judgment on this employment and publicly been counted, that's Mr. Hilliker. Every other Board member, either last week or today, has publicly expressed his judgment and has publicly been counted. Thus, I believe that what we are doing is precisely what the Chairman envisioned, we are bringing to the attention of the whole Board a problem of the whole Board. I conclude merely by saying that I want the record of this meeting to emphasize that eight members of our Board, either at the meeting last week or today, have indicated their judgment; and five of the members of our Board, constituting a majority of the membership of the Board, have voted for the employment of Mr. Ross.

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Thereupon the meeting adjourned.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

Page 636 Blank

INDEX TO OFFICERS AND EMPLOYEES

1969-1970

A			
Abramowitz, Irving	234, 487	Cooper, Charles D.	221
Ackerman, Kenneth E.	199	Corbally, John E., Jr.	8
Adams, Arthur E.	388	Corcoran, Mary R.	158
Adams, Dale W.	11	Craig, Paul G.	233
Adams, Gertrude M.	388	Cremer, Marion LaVerne	12
Adler, Ron K. H.	11	D	
Alfrey, Turner, Jr.	199	Dakan, Everett L.	186
Allen, Florence B.	490	Dale, Edgar	489
Allen, Katherine Porter	415	Dambach, Charles A.	257
Andreas, John E.	338	Davies, Drew L.	12
Angelino, Henry R.	198	Deeds, Richard W.	489
Arnold, Norman C.	490	Dewey, Osee Hughes	222
Ashbrook, Willard P.	488	Dice, Charles A.	56
B		Diller, Oliver D.	489
Bader, Kenneth L.	156	E	
Bailin, Louis L.	11	Earp, Rachel B.	199
Baker, David Floyd	417	Eckley, Frederick R., Jr.	362
Balsizer, Leota L.	235	Edwards, Linden Forest	558
Bambah, Ram Prakesh	157	Eggspuehler, Jack J.	364
Banwart, George J.	198	Evans, Lloyd R.	198
Barr, Harry L.	234, 235	Evans, Virginia Mary	12
Barth, Peter	488	F	
Battaglia, Samuel T.	340	Fawcett, Novice G.	377, 479, 528, 532
Beattie, James M.	268	Fertig, Paul E.	487
Berquist, Goodwin F.	11	Fink, Howard P.	487
Blanke, Virgil E.	486	Fleming, Robert D.	199
Blaydes, Glenn W.	488	France, Mervin B.	467
Blue, Carl R.	290	G	
Bogatay, Paul	488	Garrett, Alfred B.	232
Boh, Ivan	11	Gibbs, Jack G.	249
Boord, Cecil Ernest	290	Gist, George R., Jr.	268
Bourgeois, Adam D.	198	Goldthwait, Richard P.	364
Boyd, J. Hayden	488	Good, Elmer L.	158
Braden, Patricia A.	340	Greenball, Melvin N.	339
Brady, Ronald W.	9	Griffiths, Margaret E.	199, 340
Bricker, John W.	188, 189	Grover, Philip L.	269
Brown, Walter N.	185	Guth, Earl P.	489
Buerki, Robert A.	12	H	
C		Haas, Charles A.	340
Caley, Earle R.	489	Haber, Tom B.	12
Campbell, Roald F.	338		
Capriotti, Eugene R.	157		
Carroll, James D.	156		
Carson, Gordon B.	478, 557		
Chapman, Laura Hill	157		

Harrison, David M.	489
Harrod, M. Merle	39
Hathaway, Jack E.	12, 269, 488
Hebbard, Frederick W.	246
Helburn, Ann	534
Herr, Joan E.	235
Hess, Lewis A.	198
Hinshaw, Alene P.	12
Hixson, Chalmer G.	198
Hoch, Katharine G.	158
Hoffmann, Charles W.	11
Hothem, Paul R.	339
Howlett, Freeman S.	489
Huber, Samuel G.	452
Huck, Charlotte S.	215
Hunt, William E.	39, 215

J

Jenkins, Thomas D.	256
Johnson, William H.	234
Jones, Frederick E.	259, 478

K

Kahrl, Stanley J.	156
Kessel, John H.	388
Ketterer, John G.	415, 470, 478
Kirby, James C., Jr.	338
Kuester, Eddie F.	490

L

Latane, Bibb	452
Lawrence, George M.	490
Lenel, Fritz V.	388
Levine, Raphael D.	339
Lewis, Martha N.	489
Linville, Ray A.	292
Livingstone, John Leslie	452
Llorens, Ana	488
Loomis, Mary Jane	489
Lowney, Edmund D.	198
Luckhart, Arthur E.	489

M

Mabry, James C.	157
Mahr, August	419
Main, Alexander M.	157
Mancini, Susan Jahn	388
Marable, Samuel A.	360, 468
Marion, Bruce W.	157, 488
McBride, William B.	489
McClanahan, Joseph C.	339

McDonald, Gordon L.	235
McLarnan, Charles W.	155
Means, Russel G.	559
Miller, Glenn W.	489
Miller, Jerome G.	235
Miller, Kathryn N.	489
Mitchell, Walter E., Jr.	487
Molleson, Ann	199
Morris, William T.	452
Moulton, Edward Q.	8, 478
Musgrave, Orlo L.	156, 268
Myers, Sharon K.	488

N

Nichols, Christine R.	340
Nolte, Byron H.	487
Nordstrom, Robert	155

O

O'Neill, John J.	269
Oyler, Merton D.	534

P

Palmer, Melville L.	11
Palmer, William H.	293
Perry, Claude S.	12
Price, Geraldine G.	11
Pugh, Albert R.	339

R

Raskind, Leo J.	487
Redmond, Robert F.	338
Reel, Philip J.	418
Reese, Carl R.	269
Richardson, Bradley M.	235
Ridder, Twyla Regula	12
Riedl, John O., Jr.	234
Ripley, Randall B.	234
Roaden, Arliss L.	486
Roberts, Stuart S.	487
Robinson, James A.	8
Rollins, Howard A., Jr.	388
Rose, Michael Dean	488
Rosenau, James N.	486
Ross, Charles O.	534, 634
Rutledge, Ivan C.	8
Ruzicka, Francis A.	233

S

Schmidt, Lyle D.	199
--------------------------	-----

Schwar, Johannes Friedrich	293
Sharp, John W.	157
Shoemaker, Harold E.	294
Shultz, Charles H.	340
Smallwood, Osborn Tucker	486
Snyder, Richard C.	268
Spray, Mabel L.	489
Stahl, Floyd S.	489
Stanley, John P.	338
Staten, George R.	489
Stecker, Frederick	363
Stephenson, Robert C.	338
Stern, Louis W.	158
Stout, Thomas T.	157, 487
Sunderman, Madeline L.	269
Swanson, Carroll A.	156

T

Teater, Robert W.	234
Tom, R. Bruce	187
Tompkin, J. Robert	295
Trautman, Milton B.	490
Tripp, Philip Adelbert	269
Tsai, Stephen W.	269
Tull, Jack P.	235, 488
Tye, Arthur	340

V

Vogel, Joseph	534
-------------------------	-----

W

Wallace, John Howard	452
Wallace, S. Rains	388
Wallace, William R.	156
Washington, Donald Reed	156
Weiser, Harry H.	223
Weissler, Arnold M.	198
Wilkins, Ruth L.	490
Wirthwein, Carl J.	224
Wolfrom, Melville L.	57
Worstell, Henry P.	158

Y

Young, Robert E. S.	12
-----------------------------	----

Z

Zassenhaus, Hans J.	235
Zetterberg, Hans L.	339
Zimerla, Marjorie	488
Zupancic, Jeanette	158

GENERAL INDEX

1969-1970 Minutes

A

Abbott Laboratories	38, 461
Abbott Laboratories Antibiotics Research Fund	38
Absi, Philip E., & Associates	506
Accountant's Report on the University Dormitory Revenue Bond Funds	259
Acquisition of Property for Educational, Research and Service Facilities	220
Acquisition of Property for Educational, Research and Service Facilities - Laneview Area	255
Administrative Officials, Appropriations for	190
Administrative Science, College of	3, 529
Administrative Science, College of, Fund	356
Admission, Application for	377
Aerospace Medical Division, Air Force Systems Command, Brooks Air Force Base, Texas	15
Agency for International Development, Washington, D. C.	163, 236
Agency Maintenance	282
Agreements 27, 171, 210, 211, 351, 399	399
Agricultural Careers Fund	404
Agricultural Education Scholarship	362
Agricultural Technical Institute, The Ohio State University Wooster	414, 506
Agriculture and Home Economics, College of 3, 412, 506, 529	529
Agronomy, Department of	35
Air Force, Department of the, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio	344
Air Force, Department of, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	159, 236
Air Force, Department of, Air Force Office of Scientific Research, Arlington, Virginia 21, 165, 395, 396, 455	455
Air Force, Department of the, Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts	343
Air Force, Department of the, Headquarters Electronics Systems Division (AFSC), Laurence G. Hanscom Field, Bedford, Massachusetts	201
Air Force, Department of the, Rome Air Development Center, Griffiss Air Force Base, New York	160, 201
Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio 14, 160, 162, 237, 238, 272, 342, 343, 391, 492	492
Air Force Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	160
Alcoa Foundation, Pittsburgh, Pennsylvania	280, 501
Alcoa Foundation Professorship in Chemical Engineering	280
Alcoa Foundation Scholarship Fund	501
Allied Medical Professions, School of 3, 54, 529	529
Alpha Eta Association and Members of the Alpha Eta Chapter of Kappa Phi Kappa, Columbus, Ohio	175
Alpha Rho Chi Scholarship Fund	363
Alumni House Building Fund	462
Ambulatory Patient Teaching Facility	254, 412
American Aggregates Corporation, Greenville, Ohio	549
American Association of Colleges of Pharmacy, Silver Spring, Maryland	276, 398
American Cancer Society, Inc., New York, New York	350, 495
American Cancer Society, Ohio Division, Cleveland, Ohio	398, 495

American Cancer Society, Ohio Division, Franklin County Unit, Columbus Ohio	243
American Cancer Society, Ohio Division, Inc., Columbus, Ohio	209
American Foundation for Pharmaceutical Education, Washington, D. C.	214, 245, 460
American Foundation for Pharmaceutical Education Fellowship Fund	214, 245
American Foundation for Pharmaceutical Education Scholarships	460
American Heart Association, Inc., New York, New York	25, 169, 277, 543
American Institute of Real Estate Appraisers, Ohio Chapter No. 3.	502
American Institute of Real Estate Appraisers of the National Association of Real Estate Boards, Chicago, Illinois	177
American Institute of Real Estate Appraisers Scholarship Fund	177
American Iron and Steel Institute, New York, New York	170, 496
American Medical Association Education and Research Foundation	35
American Oil Foundation, Chicago, Illinois	280
American Oil Foundation Fellowship Fund - Chemistry	280
American Optometric Association, The Women's Auxiliary, Long Beach, California	215
American Petroleum Institute, New York, New York	392
American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc., New York, New York	497
American Society of Tool and Manufacturing Engineers, Dearborn, Michigan	169
American Thoracic Society, New York, New York	456
Anchor Hocking Corporation, Lancaster, Ohio	356
Andreas Farm	288
Animal Science Building - Remodeling of Mechanical System	373, 463
Animal Science Special Fund	549
Antique Show Receipts	281, 502
Aquatrol, Inc., Chicago, Illinois	27, 277
Architecture, School of	6
Armington, Raymond Q., Fund for Engineering	361
Armington, Raymond Q., Ten Year Trust	361
Armco Foundation	245, 280
Armco Foundation Fellowship in Metallurgical Engineering	280
Armco Foundation Scholarship in Metallurgical Engineering	245
Armstrong Electric Co.	53, 252, 370, 411
Army, Department of the, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland	14
Army, Department of the, Aberdeen Proving Ground Army Research Development Center, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland	201
Army, Department of the, Army Weapons Command, Rock Island, Illinois	345
Army, Department of the, Defense Supply Service, Washington, D. C.	14
Army, Department of the, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland	341
Army, Department of, U. S. Army Medical Research and Development Command, Washington, D. C. (Research Foundation Contract)	341
Army, Department of, U. S. Army Medical Research and Development Command, Washington, D. C. (Research Foundation Grant)	168
Army, Department of the, U. S. Army Research Office - Durham, Durham, North Carolina	342
Art, School of, Special Fund	41
Artificial Football Turf Fund	356
Artificial Turf Fund	401
Artificial Turf - Stadium	464, 553, 557
Arts, College of The	3, 529

Ashland College	351
Ashland-Crawford-Richland Counties - Technical Institute District	27, 506
Associated General Contractors of America (The), Detroit Chapter, Inc., Detroit, Michigan	349
Athletics, Department of	531
Athletics, Department of, Discretionary Fund	246, 282, 361
Atkinson, Charles W. (Gift)	360
Atkinson, Charles W., Fund	360
Atlantic City Racing Association, Atlantic City, New Jersey	355
Authorization for Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended	337
Aviation, Department of	364

B

Bachelor of Science in Industrial Design	451
Bachelor of Science in Landscape Architecture	6
Bailey, Ervin G. (Gift)	360
Bailey, Ervin G., Fund for Engineering	360
Baldwin, Constance Corkwell (Mrs.) (Gift)	360
Baltzly, Clifford C., Estate of	33, 213, 245
Baltzly, Clifford C., Scholarship Fund	33, 213, 245
Barnebey Foundation	216
Barrett Corporation	252
Barton, Robert K., Memorial Fund	356
Battelle Memorial Institute, Columbus, Ohio	173, 174, 203, 551
Battelle Professorship of Metallurgy	173
Battelle Professorship in Theoretical Chemistry	232
Batten, W. Milfred (Gift)	359
Beckman, Theodore N., Fund for Research in Marketing	39
Beer, R. G., Corporation	181
Bell Telephone Laboratories, Columbus, Ohio	354
Bell Telephone Teaching and Research Fund	354
Bennett, James E. (Dr.) (Gift)	361
Bevis Hall	231
Biological Sciences, College of	3, 502, 529
Bitonte, Joseph L. (Dr.) (Gift)	360
Black and Decker Manufacturing Company, Towson, Maryland	210
Blakeley, Gail M., Jr., Memorial Fund	360
Bloomberg, Louis (Dr.) (Gift)	358
Blum & Son Electric, Inc.	51
Bonham, Grant and Brundage, Ltd.	219
Boughan Bros.	183
Bradish Memorial Fellowship Fund	550
Bradish, Norman C., Trust through the University of Wisconsin	550
Bremer Foundation	35, 356, 501
Bremer Foundation (The), Fund	35, 356, 501
Bricker, Harriet Day (Mrs. John W.) (Gift)	361
Bricker, John W. (Gift)	361
Bricker, John W., Professorship in the College of Law	7, 36, 40, 359, 360, 361, 404, 461
Bruner Corporation	51, 53
Buckeye Federal Savings & Loan Association, Columbus, Ohio	356
Buckeye International Foundation, Columbus, Ohio	245
Buckeye Village	527

Buckeye Village - Modernization of Electrical Systems in Phase I Buildings	
	407, 555
Buel, Harrison H. (Gift)	361
Buick Motor Division - General Motors Corporation	364
Buildings and Property, Purchase of	255, 288, 372, 466, 557
Bunch, C. Simeral (Gift)	360
Burckel, Christian E. (Mr. and Mrs.) (Gift)	363
Burckel, Christian E., & Associates	282
Burgess and Niple, Limited	356
Burgwald, L. H., Memorial Fund	214, 245
Burgwald, Lillian B., Estate of, Sarasota, Florida	214, 245
Burgwald, Louis H. (Professor Emeritus), and Lillian Bridge Burgwald (Mrs.), Bequest from	355

C

Camp Indianola	216
Campbell Institute for Food Research Fellowship in Food Science	177
Campbell Soup Company	177
Campus Loop Road	289
Cancer Leukemia Research	460
Capital City Excavating Co., Inc.	52
Cardiovascular Research	176
Carlin, Florence Postle (Mrs.) (Gift)	359
Carlin, Oscar E. (Gift)	359
Carlin, Oscar E., Florence P., David P. and Phillip E., Scholarship Fund	359
Carlisle Heating and Plumbing	554
Carmichael, Dan A.	254
Carruthers, John L., Fellowship in Ceramic Engineering	36
Centennial Commendation	470
Centennial Development Fund	387
Center for Tomorrow Fund (The)	
35, 36, 37, 174, 213, 214, 245, 280, 354, 355, 356, 460, 461, 502, 549	
Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri	169
Central Ohio Breeding Association	549
Central Ohio Heart Association, Inc., Columbus, Ohio	207-209
Ceramic Engineering, Department of	248, 364
Ceramic Engineering Equipment Fund	36
Certificate of Circulation Technology	334
Certificate of Earnings Coverage Under Section 6(b) of the Original Bond Resolution Adopted April 8, 1957 for Issuance of \$3,000,000 Dormitory Revenue Bonds, Series J	97
Certificate of Medical Illustration	334
Certificate Pursuant to Section 2.03(4) of Trust Agreement Between the University and the Ohio National Bank of Columbus, as Trustee, Dated April 15, 1957 for Issuance of \$3,000,000 Dormitory Revenue Bonds, Series J	101
Chadwick, L. C., Research Fund	460
Champion Spark Plug Company, Toledo, Ohio	357, 497
Champion Spark Plug Company Fellowship in Ceramic Engineering	357
Chapman, Donald C., Fund	40
Charbetz Company	370, 410
Charities Foundation, Toledo, Ohio	37
Chase Brass and Copper Company, Cleveland, Ohio	277
Chemical Engineering, Department of	248, 364

Chemical Engineering, Department of, Rohm and Haas Company Scholarship Fund	37
Chemical Industry Council of Ohio, Marietta, Ohio	245
Chemical Industry Council of Ohio Fund	245
Chemineer, Inc.	361
Chemistry Research Facilities	179
Cheses, David, Columbus, Ohio (Gift)	549
Chevron Oil Field Research Company, San Francisco, California	550
Chevron Oil Research Fund	550
Children's Hospital - Dispatch Charities Pro-Am Championship	356
C. I. E., Inc.	361
Cincinnati Community Gardens, Cincinnati, Ohio	356
City National Bank & Trust Company (The)	354
Civil Engineer	230
Clay, Catherine, et al (Purchase of Property)	372
Cleveland Crane and Engineering Company, Wickliffe, Ohio	503
Cleveland Institute of Electronics	360
Cleveland Trust Company, The	403
Clinical Medical Sciences Educational Facility	506
Closing the University	483
Cockins, Edith, Hall - Modernization for Faculty Offices	52
Cohen, A. B. "Dolly" and Ralph, Foundation	40, 177, 282, 462
Cole, John Dana (Gift)	462
Cole, John Dana, Fund	462
Columbia Gas of Ohio, Inc.	412
Columbia Gas System Service Corporation, Columbus, Ohio	210, 457, 544
Columbus, City of	55, 465, 466
Columbus Dispatch Journalism Scholarship Fund	549
Columbus Foundation, The	214, 404
Columbus Jewish Welfare Foundation	39
Columbus Public Library, Columbus, Ohio	18
Columbus and Southern Ohio Electric Co.	184
Commission on Obscenity and Pornography, Washington, D. C.	273
Comparative Medical Teaching and Research Facility	252-254, 288
Complete General Construction Co.	52
Conley, Clyde G. (Gift)	40
Conley, Clyde G., Fund for Engineering	40
Construction Advancement Program of Central Ohio, Columbus, Ohio	349
Construction Advancement Program of Greater Cincinnati, Cincinnati, Ohio; Master Builders of Iowa, Des Moines, Iowa; The Associated General Contractors of America, Inc., Seattle, Washington	349
Construction Industry - Associated Building Contractors of Colorado, Inc., Denver, Colorado, and Fox Valley Construction Industry, Geneva, Illinois	276
Construction Industry - Associated General Contractors of America, Inc., Dayton, Ohio	277
Construction Industry - Rhode Island Chapter, The Associated General Contractors of America, Providence, Rhode Island	276
Cooper-Bessemer Company	39
Cooper-Bessemer Engineering Scholarship Fund	39
Cooperative Extension Service	531
Cooperider, Lillian Zinn (Mrs.) (Gift)	360
Corn Products Company	36
Corn Products Company Graduate Research Fund in Dairy Technology	36
Corning Glass Works	214
Corning Glass Works Fellowship Fund in Ceramic Engineering	214

Council on Public Higher Education, Commonwealth of Kentucky	210
Council of State Governments, Chicago, Illinois	26
Cox, Gene, and Sons, Inc.	181
Crime and Delinquency Research Fund	38, 281, 358, 549
Critchfield, Robert M. (Gift)	358
Critchfield, Robert M., Fund for Engineering	358
Croce and Abbot	288
Cromer, James J. (Dr.) (Gift)	361
Crumley, Charles C. (Gift)	40
CTH Electric Company	372
Cummins Engine Company Fellowship Fund	245
Cummins Engine Company, Inc., Columbus, Ohio	245
Curtiss, Paul N., Jr. (Dr.) (Gifts)	39, 361
Curtiss, Paul H., Sr., Orthopaedic Endowment Fund	361

D

Dairy Research, Inc., Chicago, Illinois	460
Dairy Research, Inc., Research Fund	460
Dairy Science Breeding Research Fund	549
Dale Educational Communications Conference Fund	550
Daulton, W. F., Co., Inc.	555
Davis, Jacob E. (Gift)	38
Davis, Jacob E., Fund for College of Law	38
Davis, Preston, Fellowship in City Planning	404
Davis, Preston, Fellowship in City Planning Fund	214
Dayco Corporation, Dayton, Ohio	502
Dayco Corporation Research Fund	502
Deafness Research Foundation (The), New York, New York	349, 350
Decker Construction Co.	556
Defense Supply Service - The Pentagon, Washington, D. C.	163
Degrees	6, 230, 267, 386, 451, 526
DeKalb Foundation (The)	404
Denman Rubber Manufacturing Company	177, 550
Dental Building, Phase II	288
Dental Hygiene and Dental Laboratory Technology	3, 529
Dentistry Addition	255
Dentistry Centennial Fund	282, 360, 361
Dentistry, College of	3, 337, 529
Department of Transportation, Federal Highway Administration, Washington, D. C.	17, 163, 201, 390, 492
Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C.	161
Dermatology Foundation, Inc., New York, New York	460
Dermatology Research Fund	460
Dickinson, William H., Trust	279, 549
Diebold, Fred, Memorial Fund	282
Dispatch Printing Company (The), Columbus, Ohio	549
Disruption Rules	532, 533
Distinguished Service Awards	5
Distinguished Teachers Awards	357
Dixon and Sons, Inc., Newark, Ohio	409, 410
Doan, Charles Austin, Fund	362, 460
Dogs, Other Domestic Animals or Fowl, Control of	55
Don Scott Field Land	288

Donaldson, Elvin F., Fund	39, 549
Dow Chemical Company (The)	38
Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering	38
Dow Chemical Scholarship and Fellowship Fund in Chemistry	38
Drake and Ford	373
Drinko, John D. (Gift)	359
du Pont de Nemours, E. I., and Company	403
du Pont Fund for Research in Chemical Engineering	403
du Pont Fund for Research in Chemistry	403
du Pont Fund for Research in Metallurgy	403

E

Earned Indirect Costs	42
Easements 54, 184, 219, 374, 412, 465, 466, 508,	557
East Ohio Gas Company (The)	38
Eastern Mechanical Corp.	555
Eastern Ohio Heart Association, Inc. (The)	242
Eckelberry, George W., Memorial Fund	550
Education, College of	3, 529
Educational Records Bureau	39
Edwards, J. T., Company Foundation, Inc.	246
Eighty Maiden Lane Foundation	549
Eisenhower, Dwight D., Memorial Center	231
Electric Power Equipment Co. 49, 52, 253, 410, 554, 555,	556
Electrical Engineering, Department of	248
Electronic Systems Division, Air Force Systems Command, U. S. Air Force, L. G. Hanscom Field, Bedford, Massachusetts	344
Engineering, College of	3, 529
Engineering Experiment Station	364
English, Walter (Gifts)	40, 502
E. R. B. - E. E. G. Fund	39
Ernst & Ernst Foundation	358
Ernst & Ernst Foundation Accounting Program Fund	358
Esso Education Foundation, 49 West 49th Street, New York, New York	357
Esso Postgraduate Fellowship in Chemistry	357
Esswein, Roland, and Sons, Inc.	50
Estey Corporation	51
Evans Laboratory Addition - Improvements to the Heating and Air Conditioning System	219
Evans Laboratory Addition - Revisions to Electrical and Ventilating Systems	406, 554

F

Faculty of Finance - Marathon Oil Foundation, Inc.	282
Faculty Seminar on Medical Education	35
Farber Company	371
Farley Paving, Inc.	504
Farm Bureau Cooperative Association, Inc. (The)	461
Fawcett, Novice G., Professorship in Educational Administration	361, 362
Federal Aviation Administration, Oklahoma City, Oklahoma	14
Federal Aviation Administration, Washington, D. C.	162
Fees	2, 151, 378, 528
Fergus, Robert H. & Elizabeth D., Trust	356

Ferro Corporation, Cleveland, Ohio	404
Ferro Corporation Fellowship Fund	404
Field Enterprises Educational Corporation, Chicago, Illinois	550
FIE&R Foundation Fund	39, 214, 359, 461
Fifth Supplemental Trust Agreement	61
Fire Alarm Systems in Classroom Buildings	463, 556
Firestone, Harvey S., Jr. (Gifts)	356, 364
Fischer, Louis C. (Gift)	401
Fishel Company (The)	371
Fisher, Max M., Fund	215
Fisher, Max M. and Marjorie S., Foundation, Inc.	215
Flesher Fellowship Fund	359
Flesher, William R. (Dr. and Mrs.) (Gift)	359
Fling and Eeman, Inc.	255
Floodlighting of Parking Areas	463, 556
Food Industry Professorship Fund	40, 281, 502
Ford Foundation (The), 320 East 43rd Street, New York, New York	212, 278
Ford Motor Company (Cleveland Regional Office)	280
Forging Industry Educational and Research Foundation	39, 214, 359, 461
Foremost-McKesson	287
Forest City Obedience Training Club, Inc.	282
Forest View Company	282
Franklin, County of	54
Fritsche, Ernest G., & Company, Columbus, Ohio	245
Fritsche, Ernest G., Fellowship in the School of Architecture	245
Fullen, John B., Scholarship Fund	502
Fund for Progress in Urology	361

G

Gallagher, George F., and Jean J. Gallagher (Purchase of Property)	466
Gardner Electric, Inc.	556
Garwick, J. Parker, Fund	550
Garwick & Sons, Inc.	550
Gastroenterology Research Fund	357
Gates, McDonald & Company	40
General Building Contractors Association, Inc., Philadelphia, Pennsylvania	398
General Dormitories	527
General Electric Company, Ossining, New York	245
General Electric Graduate Research and Study Grant Fund	245
General Fee	2
General Motors Corporation, Detroit, Michigan	356
General Motors Corporation, A. C. Spark Plug Division, Flint, Michigan	248
General Motors Corporation Scholarship Fund	356
General Motors Engineering Staff	36
General Surgery Fund in the College of Medicine	40, 360
Geodetic Science, Department of	362
Gesling Co. (The)	368
Gifts-in-Kind	216, 248, 363, 364, 405, 503, 551
Giles, Raymond B. (Dr.) (Gift)	362
Gleason, Emmet Blakeney, Memorial Fund, Inc. (The)	213
Gleason, Emmet Blakeney, Scholarship Fund	213
Golf Course Club House	366
Good Teaching Awards Program	280
Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering	281
Goodyear Foundation Fellowship Fund	245

Goodyear Foundation Scholarship Fund	245
Goodyear Tire & Rubber Company Foundation	245
Goodyear Tire and Rubber Company Fund	281
Graduate Nursing Education Fund	502
Graduate School	3, 529
Graduate Swimming Pool	371, 372
Grange Mutual Casualty Company, Columbus, Ohio	175
Grant Hospital	501
Griffith, Charles W., Memorial Fund	40, 360
Guy, J. A., Inc.	251

H

Haaf, John C. (Gift)	215
Haaf, John Conrad, Scholarship Fund	175, 215
Hambleton, James I. (Gift)	358
Hambleton, James I., Apiculture Memorial Award Fund	358
Hamilton Hall - Replacement of Two Elevators	407, 553
Hammond, Raymond D., Pittsburgh, Pennsylvania (Gift)	40
Hammond, Raymond D., Chemical Engineering Fund	40
Hammond, William A. (Dr.) (Gifts)	246, 357
Hammond, William A., Lectureship Fund	246, 357
Hancock County Cancer Society	404
Hancock County Leukemia Fund	404
Handcraft Metals Corporation, Cleveland, Ohio	40
Harkers Fund	356
Harley, Helen M. (Purchase of Property)	466
Hartford Foundation in College of Medicine	176
Hartford, John A., Foundation, Inc. (The), New York, New York	176, 459
Havener, William H. (Dr.) (Gifts)	214, 282, 354
Hayes, Woody, Fund	282, 462
Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama	159, 391
Health, Education and Welfare, Department of, Health Services and Mental Health Administration, Bethesda, Maryland	19
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Grants)	29-32, 172, 173, 212, 278, 400, 401, 458, 459, 499, 501, 545, 547, 548
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contracts)	390, 491, 538
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Grants)	205, 494
Health, Education and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C.	352, 498, 545
Health, Education and Welfare, Department of, Office of Education, Contracts and Grants Division, Washington, D. C.	547
Health, Education and Welfare, Department of, Public Health Service, Bethesda, Maryland (Grants)	28-33, 172-174, 212-213, 352-354, 400-401, 458-459, 498-500, 545-548
Health, Education and Welfare, Department of, Public Health Service, Consumer Protection and Environmental Health, Bethesda, Maryland	540
Health, Education and Welfare, Department of, Public Health Service, Consumer Protection and Environmental Health, Rockville, Maryland	238
Health, Education and Welfare, Department of, Public Health Service, Dental Health Center, Division of Dental Health, San Francisco, California	272
Health, Education and Welfare, Department of, Public Health Service, Division of Research Facilities and Resources, Bethesda, Maryland	240

Health, Education and Welfare, Department of, Public Health Service, Environmental Control Administration, Bureau of Radiological Health, Bethesda, Maryland	165
Health, Education and Welfare, Department of, Public Health Service, Environmental Health Service, Environmental Control Administration, Rockville, Maryland	456
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland	28, 172
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grants)	18, 19, 167, 393, 396, 455
Health, Education and Welfare, Department of, Public Health Service, National Center for Air Pollution Control Administration, Bethesda, Maryland	392
Health, Education and Welfare, Department of, Public Health Service, National Center for Health Services Research and Development, Health Services and Mental Health Administration, Bethesda, Maryland	274
Health, Education and Welfare, Department of, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Bethesda, Maryland	239
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland	400, 500, 501, 548
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Nursing, Bethesda, Maryland	241
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland	239, 348, 393
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Health Services and Mental Health Administration, Bethesda, Maryland	273
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Advisory Council of Education for Health Professions, Bethesda, Maryland	23
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts)	13, 161, 162, 539
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Grants)	204-206, 273, 346, 395, 493, 540, 541
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland	275, 395, 493, 541
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland	18-22, 165, 203-206, 239, 240, 242, 273-275, 346, 347, 394
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Grants)	394, 395, 454, 493
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contracts)	271, 341
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Grants)	18, 21, 23, 207, 242, 345, 347, 393, 395, 454, 455, 541, 542

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland (Research Foundation Grants) 20-22, 204-206, 240-241, 275, 346-348, 392, 394-395, 454, 455, 494, 541	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland	162
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Grants)	19, 240, 276, 396
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland	19
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland (Research Foundation Grants) 22, 164, 165, 239, 241, 392-393, 396, 493, 494	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland	346
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Grants) 18-20, 23, 204-205, 240, 274-276, 346, 348, 393, 541-543	
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland	14, 21, 391
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Research Contracts Branch, Bethesda, Maryland	271, 342
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Research Contracts Branch, OAS, Bethesda, Maryland	200
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland	166
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Mental Health, Chevy Chase, Maryland	166
Health, Education and Welfare, Department of, Public Health Service, Office of Community Health Planning, Chicago, Illinois	18
Health, Education and Welfare, Department of, Public Health Service, Office of Comprehensive Health Planning, Chicago, Illinois	19
Health, Education and Welfare, Department of, Public Health Service, Prevention and Environmental Control of Diseases, Bethesda, Maryland	540
Health, Education and Welfare, Department of, Regional Office, Region V, 433 West Van Buren Street, Chicago, Illinois	545
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Washington, D. C.	172, 173
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Children's Bureau, Washington, D. C.	28
Health, Education and Welfare, Department of, Social Security Administration, Baltimore, Maryland (Research Foundation Contract)	238
Health, Education and Welfare, Department of, Social Security Administration, Washington, D. C. (Research Foundation Grant)	165, 206

Health, Education and Welfare, Department of, U. S. Office of Education, Chicago, Illinois	240, 241
Health, Education and Welfare, Department of, U. S. Office of Education, Washington, D. C. (Research Foundation Contract)	270
Health, Education and Welfare, Department of, U. S. Office of Education, Washington, D. C. (Research Foundation Grant)	396
Health, Education and Welfare, Department of, U. S. Office of Education, Region V, Chicago, Illinois	207
Health, Education and Welfare, Department of, U. S. Office of Education, Contracts and Grants Division, Washington, D. C.	237
Health, Education and Welfare, Department of, Vocational Rehabilitation Administration, Washington, D. C.	172, 173
Health, Physical Education and Recreation, School of	266
Health Research, Inc., Roswell Park Division, Buffalo, New York (Research Foundation Contract)	164
Health Research, Inc., Roswell Park Division, Buffalo, New York (Research Foundation Grant)	397
Health Sciences Library	180, 286, 372, 373
Hebbard Optometry Scholarship Fund	246
Heer Foundation (The)	246
Henne, Albert L., Memorial Fund	281
Henne, Mary T. (Mrs.) (Gift)	281
Henry, Dorothy Dye (Mrs. Fred B.) (Gift)	402
Henry, Dorothy Dye, Memorial Fund	402
Henry, Fred B., Memorial Fund	401
High, Charles F., Foundation (The), Bucyrus, Ohio	244, 403, 501
High, Charles F., Foundation Scholarship Fund (The)	244, 403, 501
Highlights of University Activities	193, 379, 420, 469
Hildreth Foundation, Inc. (The)	40
Hirsch, Irene D. (Miss) (Gifts)	38, 281, 358, 549
Hockaden-Lipes-Rousculp, Inc.	373
Hoffman-LaRoche, Inc., Research Division, Nutley, New Jersey	203
Holy, T. C., Fund	359
Holzappel Construction Co.	182, 371
Home Economics, School of	364
Honorary Degrees	232, 336, 386, 526
Horticulture, Department of	386
Horticulture and Forestry Building	334
Horticulture and Forestry Building - Partial Remodeling	179
Horticulture and Forestry, Department of	386
Hosford, Harry W. (Mrs.) (Gift)	462
Howard, Jess, Electric Co.	369, 411, 553
Hughes Hall - Electrical Distribution	407, 556
Hull, James R. (Dr.) (Gift)	362
Hull, James R., Fund	362
Humanities, College of	3, 529
Hummel, John F., and Stephanie A. Hummel (Purchase of Property)	466
Huntington National Bank (The), Columbus, Ohio	355
Huntington National Bank (The), (Trust Account No. 021 010 004)	502
Hynite Corporation (The), Oak Creek, Wisconsin	273

I

I. A. Associates, Inc.	282
Igel, George J., & Company, Inc.	504
Illuminating Engineering Research Institute, New York, New York	202

Improvements, Equipment and Contingency	218
Industrial Engineer	230
Industrial Engineering, Department of	364
Industrial Sponsor	17, 540
Infectious Disease Research Fund	34, 39, 244, 404, 549
Ingram, Edgar W., Foundation, Columbus, Ohio	214
Incho, C. Curtiss, and Associates	507
Institute of Polar Studies	364
Institute for Quantitative Research in Finance (The), Bowling Green Station, New York, New York	169, 397
Institute for Research in Vision	214
Instructional Fee	2
Instructional and General Fee	2
Insurance Hall of Fame Seminar Room Fund	282
Insurance Program for Faculty, Staff and All Regular Employees	154
Intensive Care - Recovery Rooms Remodeling, University Hospital	51, 52
Interim Disciplinary Policy, Establishment of	519
Interior Decorating for 1969	217, 370
Interior, Department of the, Bureau of Sport Fisheries and Wildlife, Laurel, Maryland	492
Interior, Department of the, Federal Water Pollution Control Administration, Washington, D. C. (Research Foundation Contract)	272
Interior, Department of the, Federal Water Pollution Control Administration, Washington, D. C. (Research Foundation Grants)	168, 204
Interior, Department of the, U. S. Geological Survey, Washington, D. C.	163
International Business Machines Corporation	36, 245
International Business Machines Corporation Fellowship Fund	245
International Lead Zinc Research Organization, Inc., New York, New York	345
International Nickel Company of Canada, Limited (The), New York, New York	214
International Nickel Company Fellowship	214
International Programs Special Fund	403
Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J.	59

J

J. A. T. Construction, Inc.	505
Janson Industries (The)	253
Jeffrey-Galion, Inc., Columbus, Ohio	460
Jelenko, J. F., & Company, Inc.	462
Jelenko, Jesse, Jr., Dental Student Loan Fund	462
Jelliffe, C. Gordon (Gift)	36
Jennings, Lynn F., Memorial Fund	282
Jennings, Martha Holden, Foundation	35
Jet Propulsion Laboratory, Pasadena, California	540
Johns, Robert H.	53, 505
Johns-Manville Sales Corporation, Inc., Insulating Division	364
Johnston, Herrick L., Laboratory	334
Jones Graduate Tower	4, 527
Jones & Laughlin Steel Corporation	281
Jones & Laughlin Steel Corporation Fellowship Fund	281
Jones, Wilbur K., Foundation	215
Jones, Wilbur K., Student Aid Fund	215
Jones-Stuckey, Ltd.	413
Journalism Building Expansion	288
Journalism Building Replacement	288
Journalism High School Relations Fund	549

Journalism, School of, Director's Fund	549
Joyce, Glenna R., Scholarship Fund	244
Joyce, Glenna R., Trust under the Will of	244

K

Kaiser Aluminum & Chemical Corporation	550
Kaiser Aluminum & Chemical Corporation Fellowship and Scholarship Fund in Mechanical Engineering	550
Kaiser Aluminum & Chemical Corporation Scholarship Fund in Industrial Engineering	550
Kaiser Aluminum & Chemical Corporation Scholarship Fund in Metallurgical Engineering	550
Kappa Phi Kappa Fund	175
Keates, Richard H. (Dr.) (Gift)	40
Kellogg, W. K., Foundation, Battle Creek, Michigan	212
Kennecott Copper Corporation	38
Kennecott Copper Corporation Fellowship in Metallurgical Engineering	38
Kennedy, Carol S. (Gift)	362
Kennedy, Carol S., Scholarship Fund	362
Kent State University, Kent, Ohio	273
Kentucky, Commonwealth of, Council on Public Higher Education	210
Kenwood Circle	231
Kettering, Charles F., Foundation, Dayton, Ohio	403
Kettering, Charles F., Foundation Study of Human Motivation	403
Kidd, Walter H. (Gift)	282
Kidd, Walter H., Engineering Discretionary Fund	282
King, Martin Luther, Jr., Memorial Scholarship Fund	359
Klevay, Walter S., Fund	40
Knight, John S., Fund	362
Knowlton Construction Company, Bellefontaine, Ohio	287, 368
Koffolt, Joseph H., Undergraduate Scholarship Award	355, 361
Kokosing Construction Company, Inc.	181
Kroger Company Charitable Trust (The)	281
Kuempel Company (The)	181
Kuhn, Simon (Mrs.), Scholarship Fund	356
Kurtz, Ralph W., Coshocton, Ohio (Gift)	356

L

Laboratory Animal Facility, Off-Site Utilities	52
Laboratory Animal Facility - Private Utility Agreements	55
Lake Contracting Co.	183
Lambert, Walter D., Estate of	362
Law, College of	3, 529
Law, College of, Award for Academic Excellence	360
Law, College of, Class of 1966 Fund	246
Law, College of, Emergency Fund	246
Law, College of, Student Financial Aids Fund	361
Law Library Fee	3
Law, OSU College of, Class of 1966	246
Lazarus, Charles Y. and Frances N., Family Foundation (The)	40, 41
Lazarus, F. & R., & Company (The), Columbus, Ohio	356
Lazarus Store Foundation (The)	281
Lazenby Hall	334

Lazenby Hall - Remodeling of Library and Faculty Research Laboratories	406
Learning Resources Center	231
LeCrone, N. J., Company	505
Lectureship in Construction Engineering	357
LeFever, Harry E., Fund for Education of Neurological Surgeons	39, 215
LeFevre, Howard E. (Gift)	362
LeFevre, Howard E. and Catharine Bonner, Scholarship Fund	362
Levin, Albert A., Estate of, Cleveland, Ohio	215
Levin, Albert A., Memorial Award Fund	215
Lichtenstein, Abba and Cecile, and Family, Leonia, New Jersey (Gift)	176
Lichtenstein, Charles, Memorial Award Fund	176
Licklider Foundation (The)	362
Licklider, Ralph S., Family Fund	362
Lighting Improvements - 1969	48, 464
Lighting in Mirror Lake Area	407, 553
Lilly, Eli, and Company	34, 177, 244, 549
Lilly, Eli, and Company, Organic Chemistry Research Fund	34
Lima Branch	506
Lima Campus	508
Lima Campus/OSU Fund	37
Lima Campus/OSU Sustaining Committee	37
Lima Technical Building	48, 183, 218, 366, 506
Limbach Company	51, 182, 251, 253, 286, 369, 464
Link Foundation (The)	40
Link Foundation Fund	40
Littman, Harry S. (Gift)	362
Lion's Club Eye Research in Optometry	280
Longo Plumbing Company	182
Loop, Alan B. (Gift)	361
Los Angeles County Alumni Scholarship Fund	550
Love, John G., D. D. S., Loan Fund	460
Love, John G., Estate of	460
Love, Mary McGaughy (Mrs. John G.) (Gift)	362
Low Emission Manifold Study Fund	36
Lubrizol Foundation (The), Cleveland, Ohio	213
Lubrizol Foundation Fellowship Fund for Chemical Engineering	213
Lubrizol Foundation Fellowship Fund in Chemistry	213
Lubrizol Foundation Scholarship Fund	213

M

Major Medical Insurance Contract	154
Mansfield Branch	506
Mansfield Branch - Phase II	249
Mansfield Campus	231
Mansfield Campus Scholarship Fund	213
Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio	213
Mansfield Technical Building	48, 181, 218, 366
Marathon Oil Foundation, Inc., Findlay, Ohio	282
Marble Cliff Quarries	552
Marion Branch	54
Marion Campus	219, 507, 557
Marion Water Company (The)	219
Marketing Faculty Support Fund	38, 39
Markle Foundation Surgery Research Fund	176
Markle, John and Mary R., Foundation (The), New York, New York	176

Marquand, Carl B. (Dr.) (Gift)	362
Marquand, Carl B., Fund for Continuing Education Center	362
Martin, Harland T. (Gift)	362
Mason and Isabel, Inc.	180
Mason, Raymond E., Jr. (Gift)	360
Massachusetts Institute of Technology, Lexington, Massachusetts	164, 202
Master of Science Degree Program in School of Natural Resources	6
Materials Analysis Company, Palo Alto, California	363
Mathematics and Physical Sciences, College of	3, 529
McCarty Brothers Electric Company	286, 369
McCracken Power Plant - Fuel Storage Addition	406, 554
McDougal, Taine G., Professorship in Engineering	354, 502
McDougal, Taine G., Trust under the Will of	354, 502
McKesson & Robbins Drug Company, New York, New York	551
McPherson Chemical Laboratory - Corridor Renovation	407, 555
McPherson Chemical Laboratory - Library Renovation	284
Mead Johnson & Company, Evansville, Indiana	176
Means Hall - Additional Patient Facilities	50, 405
Means Hall - Renovation of Electrical System	49
Means Hall - Ventilation Systems Improvements - Phase I	407
Mechanical Specialties	554
Medical Area Parking Ramp	284, 410, 411, 464
Medical Basic Science Building	218
Medical Center Parking Lot at Perry Street and Ninth Avenue	552
Medical Center Utilities	367
Medical Complex	218, 372, 373, 412
Medical Microbiology Fund	177
Medical Microbiology Research Fund	177, 549
Medicine, College of	3, 529
Medicine, College of, Emergency Fund	501
Medicine, College of - Expanded Computer Facilities	182
Medicine, Department of, Fellowship Fund	36, 213
Meeks, Jack N., Foundation	40
Melton, Samuel and Esther, Chair of Jewish History and Studies	34
Melton, Samuel M. (Gift)	34
Mental Retardation Center	373
Merck & Company, Inc.	363
Merck Company Foundation (The), Rahway, New Jersey	280
Merck Company Foundation Research Fund - Chemistry (The)	280
Merck, Sharpe & Dohme Company Research Fund	363
Metallurgical Engineering, Department of	363, 551
Metallurgical Engineering, Department of, Support Fund	245
Metallurgical Engineering, Department of, and Travel Fund	214
Meyer, A. L., Construction Co.	370
Mid-City Electric Company	287, 409, 556
Midwestern VW Corporation, Columbus, Ohio	356
Miller Anderson Pools	372
Miller Electric Company, Appleton, Wisconsin	364
Miller, L. Paul, Electric	555
Minority Affairs, Office for the Coordination of	520
Modern Language Association of America, Center for Editions of American Authors, New York, New York	25, 397, 398
Molecular Solid State Fund	358
Mollenauer, Harold F., Co.	370
Monks, W. E.	254, 413

Monsanto Company, St. Louis	552
Montoney's Heating & Piping Co	253, 409
Morganstern, David (Gift)	364
Morris Animal Foundation	38, 244, 281, 356, 404
Morris, Mark L., Animal Foundation	38, 244, 281, 356, 404
Murphy, Fred A. (Mr. and Mrs.) (Gift)	281

N

Named Professorships	7, 232
Naming of Buildings	231, 267, 334
Naming of Streets	231
Nashua Corporation, Nashua, New Hampshire	358
National Academy of Science - National Academy of Engineering, Washington, D. C.	238
National Aeronautics and Space Administration, Washington, D. C. (Grant)	352
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Contracts)	271, 389, 492, 539
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Grants)	22, 241, 274, 275, 347, 394, 397, 454
National Aeronautics and Space Administration, Electronics Research Center, Cambridge, Massachusetts (Research Foundation Contracts)	16
National Aeronautics and Space Administration, Electronics Research Center, Cambridge, Massachusetts (Research Foundation Grants)	206, 348
National Aeronautics and Space Administration, Manned Spacecraft Center, Space Sciences Procurement Branch, Houston, Texas	15, 17
National Endowment for the Humanities, Washington, D. C. (Grant)	459
National Endowment for the Humanities, Washington, D. C. (Research Foundation Grants)	169, 495, 543
National Foundation - March of Dimes (The), Columbus, Ohio	207
National Fund for Medical Education, New York, New York	175
National Fund for Medical Education in the College of Medicine	175
National Fund for Nursing Education	502
National Kidney Foundation, Central Ohio Chapter	36
National Multiple Sclerosis Society, 257 Park Avenue, New York, New York	25
National Pest Control Association, Inc.	502
National Scholarship Trust Fund of the Education Council of the Graphic Arts Industry, Inc. (The), Pittsburgh, Pennsylvania	281
National Science Foundation, Washington, D. C. (Grants)	32, 33, 244, 352, 353, 354, 457, 500, 501, 548
National Science Foundation, Washington, D. C. (Research Foundation Grants)	19, 22-24, 165-168, 205-207, 241-242, 276, 348, 396, 397, 456, 494, 542, 543
National Steel Corporation, Weirton, West Virginia	214
National Steel Fellowship in Metallurgical Engineering	214
Nationwide Foundation	357
Nationwide Foundation Fellowship Fund in Industrial Engineering	357
Natural Resources, School of	216
Naval Air Development Center, Johnsville, Warminster, Pennsylvania	16
Naval Electronics Laboratory Center, San Diego, California	17
Naval Regional Procurement Office, Brooklyn, New York	453
Navy, Department of the, Naval Air Systems Command, Washington, D. C.	344
Navy, Department of, Office of Naval Research, Washington, D. C.	13, 159, 236, 238, 272, 342, 344, 454, 539, 540
Navy Purchasing Office, Brooklyn, New York	15
Navy Purchasing Office, Los Angeles, California	344
Nesbitt, Hazel Zeller (Mrs.) (Gift)	356

Nesbitt, Hugh E., Memorial Fund	360
Nestle Company, Inc. (The), White Plains, New York	213
Nestle Graduate Research Fund (The)	213
Neurology Research Fund	40
New Dimensions Program Fund	35
Newark Branch Campus	366
Newark Campus - Parking Lot Surfacing	181, 249
Newark Campus Scholarship Fund	244
Newark OSU Development Campaign	244
NII Laboratory Furniture, Inc.	253
Nordholt, John B., Jr. (Gift)	360
Nordholt, John B., Memorial Scholarship Fund	360
North American Aviation Fellowship in Aviation Medicine	38
North American Rockwell Corporation	38
North American Rockwell Corporation, Reading, Pennsylvania	457
North Central Breeders Research Council	281
North Central Breeders Research Council Fund	281
North Central Ohio Technical Institute	27, 506
Nursing, School of	3, 249, 529

O

O'Brien Company	286
Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C.	17, 390
Office of Research	233, 336
Office of Water Resources Research, Washington, D. C.	26
Official Seal for College of Dentistry	337
Official Shield	5
Ohio Bar Title Insurance Company (The)	177
Ohio Board of Regents	188, 400, 485
Ohio Board of Regents Architectural Planning Fund	506
Ohio Contractors Association, Columbus, Ohio	357
Ohio Dairy Products Research Fund	41
Ohio Electric Utility Institute, Columbus, Ohio	244
Ohio Electric Utility Institute Fellowship Fund	244
Ohio Florists Association	404
Ohio Florists Association Fellowship Fund	404
Ohio Fuel Gas Company	508
Ohio Highway Transportation Research Board	351
Ohio Historical Society (The)	399
Ohio Legal Center (The)	155
Ohio Lion's Club Blindness Research Fund	244
Ohio Lions Eye Research Foundation, Columbus, Ohio	214
Ohio Lion's Eye Research Foundation, Jackson, Ohio	280
Ohio Lion's Eye Research Foundation, New Philadelphia, Ohio	244
Ohio Mobile Home and Recreational Vehicle Association	357
Ohio Mobile Home and Recreational Vehicle Association Fellowship in City Planning	357
Ohio National Bank (The), Columbus	213
Ohio Nurseryman's Association, Inc.	460
Ohio Power Company	374
Ohio Stadium - Artificial Turf	414
Ohio Stadium - Painting Steel Work for "C" Deck	367, 505
Ohio Stadium - Phase V	413
Ohio Stadium Repairs	249
Ohio Stadium Repairs - Revised	180

Ohio, State of - Department of Education, Columbus, Ohio	459
Ohio, State of - Department of Education, Division of Special Education	211
Ohio, State of - Department of Education, Division of Vocational Education	171
Ohio, State of - Department of Health, Columbus, Ohio	168
Ohio, State of - Department of Highways, Columbus, Ohio	170, 210, 243, 351, 457, 497, 544
Ohio, State of - Department of Industrial Relations	350
Ohio State University (The)	530
Ohio State University Alumni Club of Los Angeles (The)	550
Ohio State University Centennial Achievement Award (The)	287
Ohio State University Development Fund (The)	41, 42, 178, 216, 248, 283, 365, 405, 462, 503, 552
Ohio State University Dormitory Revenue Bonds, Series J (The)	59
Ohio State University Research Foundation (The)	531
Ohio Synod New Dimensions Program Fund	403
Ohio Turfgrass Foundation	35
Ohio Union - Revision of Dishwashing System	413, 463, 555
Ohsner, Clarence S. (Gift)	404
Olentangy Main Trunk Sanitary Sewer - Part III	465
Olentangy River - Channel Improvements	367, 373, 504
Oman, Galen F. (Gift)	363
Operation Eye Research Fund	246
Ophthalmologic Center Fund	40, 244, 281, 354, 358, 361, 363, 502
Ophthalmology Teaching Fund	214, 282, 354
Optometry, College of	3, 529
Optometry, College of, Addition	509
Optometry, College of, Clinical Facilities	506
Organization for Tropical Studies, Inc., South Miami, Florida	543
Orthopaedic Development Fund	39, 462
Orton, Edward, Jr., Ceramic Foundation (The)	36
Orton Foundation Fund for Equipment in the Department of Ceramic Engineering	36
Ottawa Club Fund	41
Ovalwood Hall	231
Owens-Illinois Fellowship in Ceramic Engineering	357
Owens-Illinois, Inc.	357
Owens-Illinois, Inc., Charities Foundation, Toledo, Ohio	37

P

Pace Setters Fund	460
Pace, William G. (Dr.) (Gift)	40
Parking Lot West of Pedestrian Bridge	217, 219, 504
Parking Ramp - Medical Area	284, 410, 411, 464
Parking Ramp - Ohio Union Site	179
Parking System Revenue Notes, Series 1970	561
Patrick, L. R., Inc.	371
Patten, William F. (Gift)	356
Patton, Arline and Thomas, Foundation	360, 461
Patton, Thomas F., Fund for College of Law	360
Paul, Charles E., Memorial Student Loan Fund (The)	34
Paul, Harriet A., Estate of	34
Payne Fund Communications Project	281, 460
Payne Fund, Inc.	281, 460, 550
Paynter, John W. (Gift)	357
Paynter, John W. and Elizabeth, Scholarship Fund	357

Pence Electric Company - Columbus, Ohio	50, 252, 409, 464
Penisten, Ed, Scholarship Fund	34
Penisten, Edwin H., Estate of	34
Penta County Technical Institute	506
Penton Publishing Company (The)	35
Peppe, Michael - Carl Wirthwein Scholarship Fund	41, 363, 550
Perry, Claude S. (Dr.) (Gift)	363
Peterson Construction Company	183
Petroleum Research Fund (The), American Chemical Society, Washington, D. C.	349
Pfahl, John K. (Dr.) (Gift)	39
Pfizer, Charles, and Company	39, 549
Pharmaceutical Manufacturers Association Foundation Fellowship Fund	175
Pharmaceutical Manufacturers Association Foundation, Inc. (The), Washington, D. C.	175
Pharmacy, College of	3, 529
Philadelphia Naval Shipyard, Purchase Division, Philadelphia, Pennsylvania	15
Philips-Duphar, N. V., Amsterdam, Netherlands	549
Philips-Duphar Research Fund	549
Phillips Petroleum Company	214
Phillips Petroleum Company Fellowship Fund	214
Physical Education, School of	266
Physiology of the Eye Fund	177
Pinedale-Rochdale Student Fund	359
Plans and Specifications 48, 49, 180, 217, 284, 285, 367, 406, 407, 463, 503,	552
Plant Funds	45
Pomerene, Frank E. and Mary W., Memorial Fund	357
Pomerene, Mary W., Estate of	357
Porthouse, C. R., Charitable Trust and Porthouse Foundation, Ravenna, Ohio	355
Postle, Wendell D. (Dr.) (Gift)	360
Postle, Wendell D. and Helen R., Loan Fund	360
Power, Donald C. (Gift)	363
Power, Donald C., Fund for the College of Law	363
Preston, E. S., and Associates, Ltd.	289
Pride, Frederick W. R. (Gift)	246
Primary Electric Line Relocation	49, 252
Primary Electric Line Relocation - Phase III	409
Procter & Gamble Company (The)	177
Procter & Gamble Fellowship in Chemical Engineering	177
Procurement Division, Bldg. 4603, Aberdeen Proving Ground, Maryland	16
Public Welfare Foundation, Inc., Washington, D. C.	39
Public Welfare Foundation, Inc., Student Emergency Loan Fund	39

R

Railroad Siding Removal and Site Restoration	406, 413, 556
Ramseyer Hall	267
Ramseyer, John A. (Mrs.) (Gift)	461
Ramseyer, John A., Memorial Fund	461
Raytheon Company, Missile Systems Division, Bedford, Massachusetts	164
Raytheon Corporation (The), Lexington, Massachusetts	248
Real Estate Research Fund	502
Reber, Grote, Radio Observatory, Delaware, Ohio	350
Reco Electric, Inc.	182, 251, 369, 555
Reed, Myron S. (Dr.) (Gift)	216
Reed, Myron S., Fund for Veterinary Medicine	216

Reese, Everett D. (Gift)	354
Reese, Everett D., Chair of Banking and Monetary Economics	354
Refractories Institute (The)	35
Refractories Institute Research Fund	35
Regents of the University of Wisconsin (The), Madison, Wisconsin	24, 164, 349, 397, 495
Reliance Electric Company	364
Reopening of The University	483
Report on the University's Investment Portfolio	58, 194, 225, 259, 296, 379, 421, 470, 509, 568
Republic Steel Corporation, Cleveland, Ohio	280, 364, 404
Research Center - Alterations to Area 200	251
Research Laboratory	334
Research Professorship in Equine Medicine	355
Research Space, East Side of Stadium, Phase IV	179
Residence Halls Room and Board Rates	4, 527
Resler Foundation (The)	502
Reuben, Mortimore F., Memorial Scholarship Fund	215
Rightmire Hall	231
Riley, James R. (Gift)	37
Riley, James R., Professorship of Marketing and Logistics	280
River Union and Drama Facilities	287, 373
Robins, A. H., Company, Inc.	202
Robinson, Erdis G., Trust under the Will of	462
Rockefeller Foundation (The), New York, New York	245
Roessler, Anna, Trust under the Will of	37, 174, 213, 244, 281, 357, 461, 502, 549
Roessler, Samuel J., Memorial Medical Scholarship Fund	37, 174, 213, 244, 281, 357, 461, 502, 549
Rohm and Haas Company	37
Rohm and Haas Company Fund in Chemistry	37
Rome Air Development Center, Griffiss Air Force Base, New York	344
Roof Repairs for 1969	48, 252
Ross, Ed, Construction Company	251
Ross Laboratories, Columbus, Ohio	460
Ross Laboratories Graduate Research in Dairy Foods Microbiology	460
Ross, Melvin D. (Gift)	177
Ross, Melvin D., Library Fund	177
Ross, Melvin D., Student Loan Fund	177
Ross, Richard M. (Gift)	41
Rudin, Walter M. (Gift)	460
Ruffner, Frederick G., Jr. (Gift)	551
Rules for University Faculty	9, 10, 230, 335, 383, 384, 450, 475, 476, 485, 518
Rusoff Foundation (The)	41
Rusoff, Maurice B., Award Fund	41
Rusoff, Rosalee, Memorial Creative Writing Fund	460
Rusoff, Rosalee, Trust	460

S

Saginaw Board of Education, Saginaw, Michigan	203
Sauer, Inc.	50, 287
Sawtell, Edmond R., Estate of	36, 404
Sawtell, Edmond R., Fund	36, 404
Scarlett, Henry L. (Judge) (Gift)	363
Scarlett, Henry L., Fund	363

Schapiro, Aronhold C., Memorial Fund	177
Schmidt, Henry G. (Gift)	41
Schoenbaum, Alex (Gift)	39
Schoenbaum, Alex, Fund	39
School District of Pittsburgh, Pittsburgh, Pennsylvania	203
School District of Pontiac, Michigan (The), East Pontiac, Michigan	203
School of Nursing	249
Schooler, Seward D. (Gift)	404
Schooley Cornelius Associates	509
Schumacher Foundation, Columbus, Ohio	355
Schumacher Fund for the Center of Research in Arts and Technology	355
Schwar, Johannes F. (Mrs.) (Gift)	502
Schwar, Johannes F., Scholarship Fund	502
SCOA Foundation, Inc.	280, 462
SCOA Industries, Inc., Student Loan Fund	462
Scott, Walter, Bequest from	403
Scott, Walter, Memorial Scholarship Fund	403
Searle, G. D., & Company, Chicago, Illinois	213, 280, 403, 549
Searle, G. D., & Company, Research in Medicine Fund	213, 280, 403, 549
Setterlin, Ralph F., Sr., Fund	363
Setterlin, Robert W., & Sons Company	286, 363, 410
Seven-Up Bottling Company (The)	38
Shell Companies Foundation Fellowship in Mechanical Engineering	280
Shell Companies Foundation Fund for Chemical Engineering	280
Shell Companies Foundation, Inc., New York, New York	280
Shell Oil Company	508
Shepard, Arthur E. (Gifts)	40, 360, 461
Shubert, Sam S., Foundation, New York, New York	39
Sinclair-Koppers Company, Monaca, Pennsylvania	248
Sisson Hall - Air Conditioning of Animal Holding Area	285, 554
Skilken, Joseph & Helen, Foundation (The)	41, 550
Sloan, Alfred P., Foundation	460
Sloan Foundation Scholarship Fund	460
Smeck, Ralph N. (Gift)	41
Smith & Schaefer, Inc.	253
Smith, Alpheus W., Lectureship Fund	357
Smith, Theodore B. (Gift)	357
Social and Behavioral Sciences, College of	3, 529
Speer, Julian, Company	51, 52, 218, 287
Sperry-Rand Corporation	286
Stadium - Artificial Turf	464
Stadium Scholarship Dormitory	527
Standard Oil (Indiana) Foundation	357
Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois	280
Stanley, Lawrence D. (Gift)	357
Stanley, Lawrence D., Fund for College of Law	357
Starling-Loving Hall - Modernization of Electrical System in "A" Wing	217, 369
States Electric Co., Inc.	411
<u>Statutes Applying to the University, By-Laws of the Board of Trustees</u> <u>and Rules for the University Faculty</u>	336
Staub, Milton (Gift)	281
Stauffer Chemical Company	39
Stauffer Chemical Company Chemistry Fund	39
Steel Founders' Society of America, Rocky River, Ohio	163
Steffan, James C. (Gift)	40
Street and Curb Repairs - 1969-70	367, 505

Stryker Corporation, Kalamazoo, Michigan	171, 462
Stryker Corporation Bioceramic Research Fund	462
Student Affairs Leadership and Aid Fund	356
Student Athlete Grant-in-Aid Fund	38, 40, 246, 281, 360
Student Health Center	551
Student Health Insurance	508
Student Services Fee	2
Student Work Projects, Report on	259
Suburban Electric Co.	183
Suburban Motor Freight, Inc.	280
Swede's Electric	181
Synod of Ohio, Columbus, Ohio	403
Syntax Fund	39
Syntax Laboratories, Palo Alto, California	39
Systems Engineering - Area 480 Computer Facility	49, 251
Systems Engineering Building	249

T

Tall Apparel New York Corporation, New York, New York	215
Taylor, Robert F. (Gift)	502
Technical Institute District in Ashland-Crawford-Richland Counties	27
Technovation Management, Inc., Denver, Colorado	345
Tektronix Ceramic Fellowship Fund	281
Tektronix Foundation	281
Telephone Duct System Expansion	285, 371, 373
Tem-Cole, Inc., McClure, Ohio	364
Theatre Development Fund	39
Theatre, Division of	364
Thompson, Ronald B., Special Fund	282
Thompson, Ronald W. (Gift)	282
Thompson, Ronald W., Fund for Engineering	282
Thurber, James (Mrs.) (Gift)	405
Thurber Reading Room	405
Tilton, Earl M., Professorship in Mechanical Metallurgy	39, 214, 359, 461
Tires, Incorporated	550
Topper, Isadore and Ida, Fund	361
Townsend, James E. (Mr. & Mrs.) (Gift)	279
Townsend Scholarship Fund (The)	279
Transfers	42, 45, 366
Trapp Construction Company	554
Treasurer's Bond	557
Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio	213
Tuchman-Canute	414
Tuition Fee	2
Tuller, Charles L. (Purchase of Property)	372
Tully, Hobbs & Partners	413
Turner and Shepard, Inc.	37
Turner and Shepard, Inc., Fund	37

U

Underground Duct System - Twelfth Avenue	50
Unico Heights Land Company, Inc.	557
Union Carbide Corporation, Marietta, Ohio	214
Union Carbide Corporation, New York, N. Y.	38, 549

Union Carbide Corporation, South Charleston, West Virginia	38
Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering	38
Union Carbide Corporation Fellowship in Welding Engineering	38, 549
Union Carbide Corporation, Linde Division, New York, New York	38
Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee	203, 272
Union Carbide Fellowship in Chemistry	38, 549
U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia	347, 455
U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts)	14-16, 160-161, 163, 200-201, 236-238, 271, 272, 343, 345, 453, 491, 492, 538-539
U. S. Air Force, Rome Air Development Center, Procurement Division, Griffiss Air Force Base, New York (Research Foundation Contract)	344
U. S. Army, Harry Diamond Laboratories, Washington, D. C.	14
U. S. Army, New York Procurement Agency, New York, New York	391
U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C.	270, 390
U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia	162
U. S. Army Research Office - Durham, Durham, North Carolina (Research Foundation Contract)	539
U. S. Army Research Office - Durham, Durham, North Carolina (Research Foundation Grant)	24, 542
U. S. Army, San Francisco Procurement Agency, Oakland, California	16
U. S. Army, White Sands Missile Range, N. M., Oakland, California	538
U. S. Atomic Energy Commission, Argonne, Illinois	13, 16, 161, 270, 342, 343, 389-390, 453, 491, 492
U. S. Atomic Energy Commission, Washington, D. C.	547
U. S. Department of Agriculture, Washington, D. C.	495
U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C.	458
U. S. Department of Army, Picatinny Arsenal, Dover, New Jersey	492
U. S. Department of Interior, Washington, D. C.	170
U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. (Grant)	29, 546
U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. (Research Foundation Grant)	396
U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C.	342
U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C. (Grant)	500
U. S. Department of Justice, Law Enforcement Assistance Administration, National Institute of Law Enforcement and Criminal Justice, Washington, D. C. (Research Foundation Grant)	167
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Research Foundation Contracts)	16, 161, 390
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Research Foundation Grant)	542
U. S. Department of Transportation, Federal Highway Administration, Contract and Procurement Division, Washington, D. C. (Research Foundation Contracts)	17, 161, 163
U. S. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C. (Grant)	458

U. S. Department of Transportation, Federal Highway Administration, National Highway Safety Bureau, Washington, D. C.	212
U. S. Navy Purchasing Office, Los Angeles, California	161
U. S. Office of Education, Washington, D. C.	22
United States Steel Corporation, New York, New York	214
United States Steel Corporation Fellowship Fund	214
University Affiliated Facility for the Mentally Retarded	250, 368, 369
University Airport	364
University Branches	2, 3, 529
University, Closing of	483
University College	3, 529
University College - Building No. 3	50, 51, 54
University College - Building No. 4	409, 465
University College - Naming of Buildings	231
University College - Phase III	465, 506
University Committee on Discipline	519
University of Dayton Research Institute, Dayton, Ohio	345, 493
University Drive	231
University Hall	506
University Hall Replacement	507
University Hearing Officer	520
University Hospital - Electrical Distribution System in Patient Area	250, 369, 411
University Hospital - Improvements to Selected Patient Areas	370, 504
University Hospital - Improvements to 6th Floor and 7 East Nursing Station	48
University Hospital - Improvements to Ventilation System of Sixth Floor and 8 East Nursing Stations	180, 370, 408
University Hospital - Installation of Chilled Water System for Nurse Stations and Food Service Areas, 6th Through 11th Floors	285
University Hospital - Mechanical and Electrical Projects	254
University Hospital - Renovation of Mechanical System in Central Service Areas	218
University Hospital - Renovation of Second Floor Radiology, Rooms 229-265 Inclusive	250, 505
University Hospital - Replacement of Main House Pump System	503
University Hospital - Ventilation System Improvements to 2nd Floor and 3rd Floor East	284, 410
University Hospitals	5, 531
University of Kansas, Center for Research, Inc., Engineering Science Division, Lawrence, Kansas	164, 202
University Libraries	551
University Relations Discretionary Fund	177, 363, 550
University Reopening of	483
University School	267
University School Building Renovation	53
University School, Renovation and Air Conditioning	506
Upjohn Company (The)	359
Upjohn Company Research in Thoracic Surgery Fund	359
Upper Arlington, City of	412
Utilities and Renovation	288, 373

V

Veterinary Clinical Sciences, Department of	451
Veterinary Clinics	451
Veterinary Medicine, College of	3, 210, 529

Veterinary Medicine, Department of	451
Veterinary Microbiology and Parasitology, Department of	266
Veterinary Parasitology, Department of	266
Veterinary Surgery and Radiology, Department of	451
Vice President for Academic Affairs and Provost	336
Vice President for Research	233
Villhauer, Melvin H. (Gift)	360
Vitronix, Inc., Subsidiary of Data Science Corporation	248
Vogel, C. C., General Contractors	252

W

Waller and Lund, Inc.	50, 553
Warren-Teed Pharmaceuticals Bioceramic Research Fund	38
Warren-Teed Pharmaceuticals, Inc.	38, 177, 357
Washburn, Grace High, Trust (The)	245, 404, 501
Washburn, Grace High, Trust Scholarship Fund (The)	245, 404, 501
Washoe County School District, Reno, Nevada	239
Welding Engineering, Department of	248, 364, 503
Western Publishing Company Fellowship Fund	281
Westwater, William K. (Gift)	360
Wherley, Harold F. (Dr.) (Gift)	363
Will, E. J. and Company	51
Will, Edwin J. (Gift)	363
Williams, H. A., and Associates, Inc.	219, 255
Wiltberger, Benjamin R. (Dr.) (Gift)	462
Wing, Lucius A., Memorial Fund (Dr.)	279, 549
Winter, Chester C. (Dr.) (Gift)	361
Wiseman, Adah, Estate of	501
Wiseman, Bruce K. (Mrs.) (Adah V.) (Gift)	35
Wiseman, Bruce K. and Adah V., Fund	35, 501
Wiseman Hall Addition	179
Wodecroft Foundation	363
Woelfel, Julian B. (Dr.) (Gift)	282
Women's Auxiliary Fund (The)	215
Wright State Campus	190
Wright State University	190
Wyeth Laboratories, Philadelphia, Pennsylvania	404

X

XL Corporation	50, 409
X-Ray Diffraction Laboratory Fund	282

Y

Young Americans for Freedom Fund	502
Young, Arthur, Foundation (The)	34, 177
Young, Arthur, Professorship in Accounting	34, 40, 177, 360

Z

Zieg, Harold F. (Mrs.) (Gift)	502
Zinn, James Harvey, Memorial Loan Fund	360
Zollinger Research Fund	41
Zuck, Emerson S. and Lucy, Fund	281
Zuck, Emerson S., Trust under the Will of	281

APPENDIXES

Page

I	Degrees Conferred at The Ohio State University Commencement Convocation - August 29, 1969 . . .	105
II	Revision of Rule 35.07 of <u>Rules for the University Faculty</u>	261
III	Degrees Conferred at The Ohio State University Commencement Convocation - December 19, 1969	299
IV	Revisions of Rules 35.07, 37.15 and 47.01 of <u>Rules for the University Faculty</u>	381
V	Degrees Conferred at The Ohio State University Commencement Convocation - March 19, 1970 . . .	423
VI	Deletion of Rule 41.01 (Application for Admission; Dates) and Revisions of Rules 47.03, 47.05, 47.07, 47.09, 47.11 and 47.15 and the Deletion of Rule 47.13 of <u>Rules for the University Faculty</u>	473
VII	Revisions of Rules 25.07, 35.03, 27.0701, 53.0705 and the Deletion of Rule 49.09 of <u>Rules for the University Faculty</u>	511
VIII	Degrees Conferred at The Ohio State University Commencement Convocation - June 12, 1970 . . .	571