

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

COLUMBUS

July 1, 1966 to June 30, 1967

1966-1967

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expires
JACOB E. DAVIS, Cincinnati.....	February 6, 1961	May 13, 1967
STANLEY C. ALLYN, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
BERTRAM D. THOMAS, ³ Columbus.....	October 13, 1965	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.....	September 16, 1964	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

¹ Filled the unexpired term of Charles F. Kettering who died November 25, 1958 (January 8, 1959-May 13, 1961)

² Served two previous terms (1948-1962)

³ Appointed to fill unexpired term of Calton S. Dargusch; resigned October 11, 1965

OFFICERS

1966-1967

JACOB E. DAVIS, *Chairman*
STANLEY C. ALLYN, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
GORDON B. CARSON, *Treasurer*

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

Columbus, Ohio, July 14, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, July 14, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, Stanley C. Allyn, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France and James W. Shocknessy.

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Minutes of the last meeting were approved.

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July 14, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 11.1309, 29.2715 and 41.0501
of the Rules for the University Faculty

The Council on Admissions and Registrations, with Vice President John T. Mount as Chairman, after several months of study has recommended some changes to strengthen and make more effective the administrative policies and procedures in the Office of Admissions. On June 7, 1966, the Faculty Council, upon the recommendation of the Council on Admissions and Registrations and with the concurrence of the Graduate Council and the Committee on Rules, approved the following revisions in Rules 11.1309, 29.2715 and 41.0501, which clarify the role of the Director of Admissions and certain admission policies.

1. That Rule 11.1309 be revised to read as follows:

11.1309. Director of Admissions.

The Director of Admissions, subject to the direction of the Executive Dean for Admissions and Registrations, shall:

- a. Direct the administration of admission policies duly established by the appropriate faculty bodies.
 1. Exceptions to such policies shall be made only in accordance with recommendations of the Dean of the College, School, or Division involved.
 2. A special student not seeking a degree must be approved for admission by the Dean of the College, School, or Division concerned.
- b. Receive, evaluate, and maintain all certificates and transcripts presented by or on behalf of applicants for admission to the University or for credit in any course.
- c. Issue all official notices of admission to applicants and certify the validity of transfer credits to the Registrar and to the Secretary of the College, School, or Division involved.
- d. Transfer students upon request from one College, School, or Division in the University to another, but only in accordance with policies established by the Colleges, Schools, or Divisions involved.
- e. Conduct the official correspondence of the University on all matters connected with the admission of students.

July 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision of Rules 11.1309, 29.2715 and 41.0501 of the Rules for the University Faculty (continued)

- f. Perform such other duties and assume such additional responsibilities as may be assigned to him from time to time by the Executive Dean for Admissions and Registrations.

2. That Section 2 of Rule 29.2715 be revised to read as follows:

29.2715. Council on Admissions and Registrations.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers) or to the Faculty Council, depending upon the nature of the recommendation.

3. That Section 2 of Rule 41.0501 be revised to read as follows:

41.0501. Specific Admission Requirements.

Section 2. Graduate student. A candidate must be a graduate of an educational institution approved by the Council on Admissions and Registrations and must have an undergraduate record satisfactory to the Graduate Council.

A candidate for admission as a regular graduate student must specify a field of specialization and must qualify for graduate work in a degree program. A candidate for admission as a special graduate student must comply with all the regular requirements for admission to the Graduate School except that a field of specialization in a degree program is not specified.

4. That Section 4 of Rule 41.0501 be revised to read as follows:

Section 4. Transient student. To be considered for admission as a transient student, the candidate must present a brief, definite program endorsed by the President or Dean of his University or College. Where this and all other pertinent matters are satisfactory to the Director of Admissions, the candidate may be admitted unless there is objection by the College, School, or Division of which he seeks admission.

5. That Section 5 of Rule 41.0501 be deleted.

July 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision of Rules 11.1309, 29.2715 and 41.0501
of the Rules for the University Faculty (continued)

It was recommended therefore that the above proposed revisions in the Rules for the University Faculty as approved by the Faculty Council be adopted.

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

B. Naming of New Street Located Between Ohio
Stadium and Olentangy River - Cannon Drive

It was recommended that the new street located between Ohio Stadium and the Olentangy River, running generally north and south between Stadium Drive and its ultimate intersection with the Campus Loop Road south of Abraham Lincoln Tower, be named "Cannon Drive" in memory of The Honorable Reuben P. Cannon, who introduced into the Lower House of the Ohio General Assembly on January 12, 1870, the Act under which The Ohio State University was located and organized.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. Allyn, the Board of Trustees approved by a unanimous voice vote the naming of the new street located between Ohio Stadium and the Olentangy River.

C. Authorization for the Filing of Application for Grant Funds Under
Title VI of the Public Health Service Act As Amended

It was recommended that the following resolution be adopted by the Board of Trustees in order that The Ohio State University may comply with the instructions from the Public Health Service for the filing of application for grant funds under Title VI of the Public Health Service Act, as amended:

WHEREAS, the Surgeon General of the Public Health Service is authorized under Title VI of the Public Health Service Act, as amended, to grant funds for the construction and modernization of hospitals and other medical facilities, and

WHEREAS, the governing body of The Ohio State University, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Dodd Hall Addition of the College of Medicine

July 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

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

NOW, THEREFORE, BE IT

RESOLVED, that application for the project described above is authorized and directed to be filed with the State of Ohio Department of Health, with the understanding that if upon due consideration by said Department applying the criteria of the State plan, the application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, it will be forwarded to the Surgeon General of the Public Health Service for consideration for his approval and be it further

RESOLVED, that the governing body of the applicant designated Novice G. Fawcett, President of The Ohio State University, and Gordon B. Carson, Vice President for Business and Finance of The Ohio State University as his alternate, as the persons authorized to file application and act as the representatives of the applicant in connection with said application.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above resolution was adopted by unanimous voice vote.

D. Degrees and Certificates Conferred - Summer Quarter Commencement Convocation

It was recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 2, 1966, 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 69.)

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

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II. PERSONNEL CHANGES

A. Appointment of Vice President for Academic Affairs and Provost of the University - Dr. John E. Corbally, Jr.

President Fawcett recommended that John E. Corbally, Jr., who currently holds the position of Vice President for Administration, be appointed to the position of Vice President for Academic Affairs and Provost of the University, effective August 1, 1966, at a salary of \$30,168.00 per annum. He will continue to hold the rank of Professor in the School of Education at "No Salary."

July 14, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointment of Vice President for Academic Affairs and Provost of the University - Dr. John E. Corbally, Jr. (continued)

President Fawcett indicated that the preceding recommendation is made with the unanimous endorsement of the Faculty Advisory Committee to the President and the Board of Trustees and the Council on Academic Affairs. He further stated that the new position of Provost of the University is being assigned to Dr. Corbally to designate his responsibility for general administrative duties on behalf of and as assigned by the President.

Upon motion of Mr. France, seconded by Dr. Thomas, the recommendation that Dr. John E. Corbally, Jr. be appointed Vice President for Academic Affairs and Provost of the University was approved enthusiastically by unanimous roll call vote.

In addition to the foregoing personnel recommendation, it was recommended that all personnel changes since the June 9, 1966 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotion, Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

B. Promotion

Robert W. Wagner from Professor to Professor and Chairman, Department of Photography, effective October 1, 1966, at a salary of \$17,472.00 per annum.

C. Appointments

Julia I. Dalrymple appointed Professor in the School of Home Economics, effective July 1, 1966, at a salary of \$15,168.00 per annum.

D. K. Ray-Chaudhuri appointed Professor in the Department of Mathematics, effective October 1, 1966, at a salary of \$17,568.00 per annum.

D. Leaves of Absence Without Salary

Desmond L. Cook, Professor, School of Education, effective July 1, 1966 through July 31, 1966, to be a Visiting Professor at the University of Illinois.

Jerome J. Hausman, Professor and Director, School of Art, effective July 15, 1966 through August 14, 1966, to work at The National Gallery of Art, Washington, D. C.

July 14, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Leonard Schneiderman, Professor, School of Social Work, effective October 1, 1966 through September 30, 1967, to accept a position with the United Nations to develop a School of Social Work in the Philippine Islands.

Justin W. Collat, Associate Professor, Department of Chemistry, effective October 1, 1966 through September 30, 1967, to accept a position with the American Chemical Society in Washington, D. C.

Ronald Corwin, Associate Professor, Department of Sociology and Anthropology, effective October 1, 1966 through September 30, 1967, to work for the United States Office of Education.

David W. Ecker, Associate Professor, School of Art, effective October 1, 1966 through September 30, 1967, to accept a Postdoctoral Fellowship at Stanford University, Stanford, California.

E. Paul Taiganides, Associate Professor, Department of Agricultural Engineering, effective August 1, 1966 through November 15, 1966, to serve as a consultant in India on the Ford Foundation development grant.

Fred A. Zimmer, Jr., Associate Professor, School of Art, effective October 1, 1966 through September 30, 1967, to accept a Fulbright grant for work in India.

Luise C. Kappe, Assistant Professor, Department of Mathematics, effective October 1, 1966 through September 30, 1967, for personal reasons.

Edward S. Fishburne, Assistant Professor, Department of Aeronautical and Astronautical Engineering, effective July 1, 1966 through August 31, 1966, to accept a position with The Grumman Aircraft Corporation.

Lewis A. Lindner, Assistant Professor, Department of Psychiatry, effective July 22, 1966. (Military Leave)

Andrew A. Wojcicki, Assistant Professor, Department of Chemistry, effective February 15, 1967 through September 30, 1967, to teach at Case Institute of Technology.

Vera L. Mertelsmann, Instructor, School of Allied Medical Services, effective August 6, 1966 through August 21, 1966, to travel.

July 14, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

William E. Linch, Office of the University Architect, with the title University Architect Emeritus, effective July 1, 1966.

Louis B. Diercks, School of Music, with the title Professor Emeritus, effective September 1, 1966.

Josephine B. Lord, Department of English, with the title Instructor Emeritus, effective July 1, 1966.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the Promotion, additional faculty Appointments, 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 September 5, 1950, it was 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, Bureau of State Services, Washington, D. C., Significance of Spore-Forming Microorganisms (to be known as Bureau of State Services Project No. 1046 - Ext. #6 - Department of Dairy Technology).
Gross Value - \$24,080.00.
- a2. Department of Health, Education and Welfare, Public Health Service, Washington, D. C., To Train Cytotechnologists (to be known as Public Health Service Project No. 1154 - Ext. #6 - Department of Pathology).
Gross Value - \$24,500.00.
- a3. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Factors Determining Cardiac Output in Man (to be known as National Institutes of Health Project No. 1254 - Ext. #5 - Department of Medicine).
Gross Value - \$18,176.00.

July 14, 1966 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)

- a4. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Analysis of the Electromagnetic Scattering and Radiative Properties of Terrain with Emphasis on Lunar-Like Surfaces (to be known as National Aeronautics and Space Administration Project No. 1388-A - Sup. #4 - Department of Electrical Engineering).
Gross Value - \$46,702.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Study of Hard Dental Tissues and Restorative Materials (to be known as National Institutes of Health Project No. 1410 - Ext. #4 - College of Dentistry).
Gross Value - \$10,920.00.
- a6. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., The Diatoms of the West End of Lake Erie (to be known as Bureau of State Services Project No. 1464 - Ext. #4 - Department of Botany and Plant Pathology).
Gross Value - \$29,373.00.
- a7. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Sup. #1 - Department of Psychology).
Gross Value - \$1,145.00.
- a8. National Aeronautics and Space Administration, Washington, D. C., Biological Effects of Prolonged Exposure of Animals to Unusual Gaseous Environments (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #2 - Department of Physiology).
Gross Value - \$20,629.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Ext. #3 - Department of Agricultural Biochemistry).
Gross Value - \$30,264.00.
- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tissue Heparin Levels in Fetus and Newborn (to be known as National Institutes of Health Project No. 1592 - Ext. #3 - Department of Pathology - Children's Hospital).
Gross Value - \$28,806.00.

July 14, 1966 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)

- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634 - Sup. #1 - Department of Physiological Chemistry).
Gross Value - \$9,075.00.
- a12. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, A Cross-Cultural Study of Dissociational States (to be known as National Institutes of Health Project No. 1652 - Ext. #3 - Department of Sociology and Anthropology).
Gross Value - \$59,532.00.
- a13. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as National Institutes of Health Project No. 1653 - Ext. #2 - College of Pharmacy).
Gross Value - \$5,881.00.
- a14. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Ext. #2 - Department of Obstetrics and Gynecology).
Gross Value - \$22,191.00.
- a15. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Revised Award 5/11/66 - College of Dentistry).
Gross Value - \$9,434.00.
- a16. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Quinones Related to 9, 10-dimethyl-1, 2-benzanthracene (to be known as National Institutes of Health Project No. 1809 - Ext. #2 - Department of Chemistry).
Gross Value - \$19,803.00.
- a17. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tricyclic Tropane Congers (to be known as National Institutes of Health Project No. 1825 - Ext. #2 - Department of Chemistry).
Gross Value - \$11,230.00.

July 14, 1966 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)

- a18. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemistry, Metabolism and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842 - Ext. #2 - Department of Psychiatry). Gross Value - \$30,559.00.
- a19. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, An Investigation of the Stiles-Crawford Effect (to be known as National Institutes of Health Project No. 1925 - Ext. #1 - School of Optometry). Gross Value - \$32,816.00.
- a20. National Aeronautics and Space Administration, Washington, D. C., Data Analysis in Connection with the National Geodetic Satellite Program (to be known as National Aeronautics and Space Administration Project No. 1997 - Amend. #1 - Department of Geodetic Science). Gross Value - \$61,333.00.
- a21. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - Sup. #3 - Department of Electrical Engineering). Gross Value - \$108,000.00.
- a22. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Glaciological Investigations on the Casement Glacier, Alaska (to be known as U. S. Atomic Energy Commission Project No. 2017 - Mod. #1 - Institute of Polar Studies). Gross Value - \$34,716.00.
- a23. Department of Health, Education and Welfare, Office of Education, Washington, D. C., An Industrial Arts Curriculum Project for the Junior High School (to be known as Office of Education Project No. 2032 - Amend. #1 - School of Education). Gross Value - \$111,130.00.
- a24. National Aeronautics and Space Administration, Washington, D. C., Boundary Layer Studies in an Arc-Heated Wind Tunnel (to be known as National Aeronautics and Space Administration Project No. 2033 - Sup. #1 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$23,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a25. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as National Institutes of Health Project No. 2037 - Ext. #1 - Department of Dairy Technology).
Gross Value - \$25,192.00.
- a26. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research and Services to Review and Present Courses of Instruction in the School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2043 - Sup. #6 - Defense Management Center).
Gross Value - \$16,134.00.
- a27. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058 - Ext. #1 - Departments of Medicine and Veterinary Physiology and Pharmacology).
Gross Value - \$220,888.00.
- a28. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060 - Ext. #1 - Department of Otolaryngology).
Gross Value - \$17,394.00.
- a29. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - Ext. #1 - Department of Medicine).
Gross Value - \$29,878.00.
- a30. Classified Program (to be known as Classified Program Project No. 2169 - New - Department of Electrical Engineering).
Gross Value - \$42,735.00.
- a31. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi Phase Ternary Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - Sup. #1 - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.

July 14, 1966 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)

- a32. Aerospace Medical Division, Brooks Air Force Base, Texas, Research and Reports on Visual Recovery from High Intensity Flashes (to be known as Aerospace Medical Division Project No. 2195 - New - School of Optometry).
Gross Value - \$20,000.00.
- a33. 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 - New - Department of Mechanical Engineering).
Gross Value - \$39,832.00.
- a34. Rome Air Development Center, Griffiss Air Force Base, New York, Influence of Prolonged Viewing on Large Scale Displays on Extraction of Information (to be known as Rome Air Development Center Project No. 2208 - New - Department of Psychology).
Gross Value - \$39,985.00.
- a35. National Science Foundation, Washington, D. C., Endocrine Control of Metamorphosis in Larval Shrimp (to be known as National Science Foundation Project No. 2212 - New - Department of Biology, Wright State Campus).
Gross Value - \$12,200.00.
- a36. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Study and Evaluate Methods Disinfecting Inhalation Therapy Equipment (to be known as Bureau of State Services Project No. 2215 - New - Departments of Surgery and Pathology).
Gross Value - \$25,000.00.
- a37. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., Engineering Properties of Farm Wastes (to be known as Bureau of State Services Project No. 2216 - New - Department of Agricultural Engineering).
Gross Value - \$18,627.00.
- a38. National Science Foundation, Washington, D. C., Choice Behavior in Multiple Cue Situations (to be known as National Science Foundation Project No. 2217 - New - Department of Psychology).
Gross Value - \$46,400.00.
- a39. National Science Foundation, Washington, D. C., To Establish a Program of Information Science (to be known as National Science Foundation Project No. 2218 - New - Division of Information Science).
Gross Value - \$415,700.00.

July 14, 1966 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)

- a40. National Science Foundation, Washington, D. C., Highly Reactive and Highly Strained Sulfur-Containing Molecules (to be known as National Science Foundation Project No. 2219 - New - Department of Chemistry).
Gross Value - \$39,000.00.
- a41. National Science Foundation, Washington, D. C., Number Theory (to be known as National Science Foundation Project No. 2220 - New - Department of Mathematics).
Gross Value - \$8,400.00.
- a42. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Concurrent Tracking of Three Response Systems (to be known as National Institutes of Health Project No. 2221 - New - Department of Psychology).
Gross Value - \$4,569.00.
- a43. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Corrosion Cracking of Metallic Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2223 - New - Department of Metallurgical Engineering).
Gross Value - \$50,000.00.
- a44. Department of Health, Education and Welfare, Bureau of State Services, Community Health, Washington, D. C., Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Bureau of State Services Project No. 2224 - New - Department of Pathology).
Gross Value - \$74,696.00.
- a45. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Treated and Untreated Potential Delinquents (to be known as National Institutes of Health Project No. 2225 - New - Department of Sociology and Anthropology).
Gross Value - \$35,946.00.
- a46. Department of Health, Education and Welfare, Office of Education, Washington, D. C., An Exploratory Investigation of the Relationship Between Thresholds of Visual Perception and Language Abilities in Adolescent Deaf Children (to be known as Office of Education Project No. 2226 - New - Department of Speech).
Gross Value - \$8,726.00.

July 14, 1966 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)

- a47. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Verbo-tonal System of Auditory Training in the Public Schools (to be known as Office of Education Project No. 2227 - New - Department of Speech).
Gross Value - \$61,953.00.
- a48. 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 - New - School of Education).
Gross Value - \$122,031.00.
- a49. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Psychophysics of Inter-modal Perceptual Equivalence (to be known as National Institutes of Health Project No. 2229 - New - Department of Psychology).
Gross Value - \$3,907.00.
- a50. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C. , Graduate Training Program in Medical Technology (to be known as Bureau of State Services Project No. 2230 - New - Department of Pathology).
Gross Value - \$17,600.00.
- a51. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, The Development of Experimental Testing Programs to Verify Thermal Stress Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2231 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$17,600.00.
- a52. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Development of a Membrane Oxygenator (to be known as National Institutes of Health Project No. 2232 - New - Department of Surgery).
Gross Value - \$24,844.00.
- a53. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Development of Adolescent Personality Descriptions (to be known as National Institutes of Health Project No. 2233 - New - Department of Psychiatry).
Gross Value - \$27,327.00.

July 14, 1966 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)

- a54. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Study of Spoken Russian: Syntax (to be known as Office of Education Project No. 2237 - New - Department of Slavic Languages and Literatures).
Gross Value - \$33,459.00.
- a55. National Science Foundation, Washington, D. C. , Botanical Survey of Marie Byrd Coast Land (to be known as National Science Foundation Project No. 2238 - New - Institute of Polar Studies).
Gross Value - \$19,500.00.
- a56. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Regeneration of the Nephron (to be known as National Institutes of Health Project No. 2239 - New - Department of Pathology).
Gross Value - \$15,992.00.
- a57. National Aeronautics and Space Administration, Washington, D. C. , Ranking Problems in Multivariate Normal (Statistical) Populations (to be known as National Aeronautics and Space Administration Project No. 2241 - New - Department of Mathematics).
Gross Value - \$9,151.00.
- a58. National Science Foundation, Washington, D. C. , Banach Spaces with the Extension Property (to be known as National Science Foundation Project No. 2242 - New - Department of Mathematics).
Gross Value - \$8,300.00.
- a59. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Influence of Adrenal Hormones on Muscle Receptors (to be known as National Institutes of Health Project No. 2243 - New - Department of Physiology).
Gross Value - \$7,895.00.
- a60. National Science Foundation, Washington, D. C. , Isotopic Investigation of CO₂ Dark-fixation in Succulent Plants (to be known as National Science Foundation Project No. 2244 - New - Department of Botany and Plant Pathology).
Gross Value - \$8,800.00.
- a61. National Science Foundation, Washington, D. C. , Relationship of the Productivity of Scientists and Technologists and Their Informational Environments (to be known as National Science Foundation Project No. 2245 - New - Department of Psychology).
Gross Value - \$94,300.00.

July 14, 1966 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)

- a62. 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. 2246 - New - Department of Chemical Engineering).
Gross Value - \$26,100.00.
- a63. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Developmental Conference to Establish Guidelines for Pilot Programs for Teaching the Concepts of Art Appreciation Which Are Basic in the General Education of All Public School Students (to be known as Office of Education Project No. 2247 - New - School of Education).
Gross Value - \$22,653.00.
- a64. Air Force Office of Scientific Research, Washington, D. C. , Commodity Theory of Selective Communication (to be known as Air Force Office of Scientific Research Project No. 2248 - New - Department of Psychology).
Gross Value - \$69,400.00.
- a65. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , The Nature and Range of School Counselor Sub-Roles (to be known as Office of Education Project No. 2249 - New - School of Education).
Gross Value - \$6,036.00.
- a66. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251 - New - Department of Psychiatry).
Gross Value - \$34,745.00.
- a67. National Science Foundation, Washington, D. C. , Spectral Characteristics of Mira Variable Stars (to be known as National Science Foundation Project No. 2252 - New - Department of Astronomy).
Gross Value - \$14,500.00.
- a68. 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. 2253 - New - Department of Astronomy).
Gross Value - \$35,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a69. National Science Foundation, Washington, D. C., Incomplete Frequency Redistribution of Line Radiation (to be known as National Science Foundation Project No. 2255 - New - Department of Astronomy).
Gross Value - \$30,800.00.
- a70. National Science Foundation, Washington, D. C., Algebra, Arithmetics and the Geometry of Numbers (to be known as National Science Foundation Project No. 2256 - New - Department of Mathematics).
Gross Value - \$29,000.00.
- a71. National Science Foundation, Washington, D. C., Nonlinear Transformations (to be known as National Science Foundation Project No. 2257 - New - Department of Mathematics, Wright State Campus).
Gross Value - \$10,400.00.
- a72. National Science Foundation, Washington, D. C., Number Theory, Group Theory and Geometry of Numbers (to be known as National Science Foundation Project No. 2258 - New - Department of Mathematics).
Gross Value - \$37,300.00.
- a73. National Science Foundation, Washington, D. C., Minimal Polynomial Sequences and the Polynomial Basis Problem (to be known as National Science Foundation Project No. 2261 - New - Department of Mathematics).
Gross Value - \$10,700.00.
- a74. National Science Foundation, Washington, D. C., Glaciological Studies at the Plateau Station, Antarctica (to be known as National Science Foundation Project No. 2262 - New - Institute of Polar Studies).
Gross Value - \$60,200.00.
- a75. National Science Foundation, Washington, D. C., Glaciological Investigations of a Cold Glacier (to be known as National Science Foundation Project No. 2263 - New - Institute of Polar Studies).
Gross Value - \$33,700.00.
- a76. National Science Foundation, Washington, D. C., Geology of the Central Transantarctic Mountains, Antarctica (to be known as National Science Foundation Project No. 2265 - New - Institute of Polar Studies).
Gross Value - \$41,900.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a77. U. S. Department of the Interior, Fish & Wildlife Service, Bureau of Sport Fisheries & Wildlife, Washington, D. C., Neutron Activation Analyses to Determine Natal Areas of North American Waterfowl (to be known as Bureau of Sport Fisheries & Wildlife Project No. 2266 - New - Department of Zoology and Entomology).
Gross Value - \$7,300.00.

TOTAL - Government Contracts - Federal \$2,922,290.00

2. Industrial and Other Contracts

- a1. 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 - Checks Nos. C312829, K33926, C312391 - Department of Surgery).
Gross Value - \$1,297.50.
- 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. 029029 - Department of Surgery).
Gross Value - \$1,375.00.
- a3. The Jockey Club, Inc., The New York Racing Association, Inc., Harness Racing Institute, New York, New York, Equine Clinical Research (to be known as The Jockey Club, Inc. Project No. 2000 - 5/26/66 - Department of Veterinary Medicine).
Gross Value - \$50,000.00.
- a4. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Joining of Uranium and Refractory Materials for Nuclear Manufacturing (to be known as Union Carbide Corp. Project No. 2199 - New - Department of Welding Engineering).
Gross Value - \$37,000.00.
- a5. Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, Recording of Normal and Abnormal Physical Findings of the Lung Fields (to be known as Tuberculosis Society of Columbus and Franklin County Project No. 2202 - New - Department of Medicine).
Gross Value - \$1,601.00.

TOTAL - Industrial and Other Contracts \$91,273.50

July 14, 1966 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)

The foregoing eighty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$3,013,563.50.

Upon motion of Mr. Bricker, seconded by Mr. France, 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 May 27, 1966 through June 30, 1966, 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 285X A Study of Roadside Maintenance and Plant Establishment, Ohio Department of Highways, Ohio Departments Building, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$135,240.00.

EES 254X Visual Information Needed by the Driver at Night, National
Ext. #1 Academy of Sciences--National Research Council, Division
of Engineering and Industrial Research, 2101 Constitution
Avenue, Washington, D. C.
Gross Value - \$20,700.00.

TOTAL - Government Research Contracts \$155,940.00

2. Industrial Research Contracts

EES 282X Study of the Flow of a Flashing Fluid Through Spring
Loaded Orifices, National Board of Boiler and Pressure
Vessel Inspectors, 1155 North High Street, Columbus,
Ohio 43201.
Gross Value - \$3,438.00.

EES 284X Evaluation of Lift Coefficients and Pressure Gradients
on Rotor Blades, The Boeing Company, Vertol Division,
Morton, Pennsylvania.
Gross Value - \$3,983.00.

TOTAL - Industrial Research Contracts \$7,421.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$163,361.00.

July 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. The Ohio State University and the State Department of Education,
Division of Vocational Education and Division of Special Education

It was recommended that the agreements between The Ohio State University and the State Department of Education, Division of Vocational Education and Division of Special Education, be continued for the fiscal year 1966-67 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.

By unanimous consent the above recommendations were approved.

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IV. GRANTS AND GIFTS

A. Administered Through the Office of Business and Finance

1. \$144,650.00 from the Federal Aviation Agency for Construction
of Fire-Crash and Rescue Building and Aircraft Apron

On March 11, 1965, the Board of Trustees authorized the President to sign a formal application to the Federal Aviation Agency for Federal funds to support the construction of a fire-crash rescue building and an aircraft apron. The FAA under the date of June 9, 1966, offered to the University a grant in the amount of \$144,650.00 for the above stated purpose subject to approval of the Grant Agreement (Project 9-33-044-C602, Contract No. FA-EA-671) by the Board of Trustees and execution by the President of the University on or before June 30, 1966,

After consultation with the Legal Counselor for the University, who examined the said Grant Agreement, the Secretary contacted each member of the Board of Trustees by telephone and secured a unanimous vote of approval by the Board and the President was authorized to execute the Grant Agreement on behalf of the Board of Trustees.

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

1. \$144,650.00 from the Federal Aviation Agency for Construction of Fire-Crash and Rescue Building and Aircraft Apron (continued)

The Grant Agreement has been executed, and it is now recommended that the above action be ratified. Said Grant Agreement, attached hereto and made a part hereof, is in accordance with the action of the Board of Trustees on July 14, 1966.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote ratified the action approving the above referred to Grant Agreement with the Federal Aviation Agency.

Federal Aviation Agency

GRANT AGREEMENT

Part 1 - Offer

Date of Offer June 9, 1966

Ohio State University Airport

Project No. 9-33-044-C602

Contract No. FA-EA-671

TO: Board of Trustees of The Ohio State University, Columbus, Ohio
(herein referred to as the "Sponsor")

FROM: The United States of America (acting through the Federal Aviation Agency,
herein referred to as the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated August 19, 1965*, for a grant of Federal funds for a project for development of the Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the "Project") consisting of the following-described airport development:

Land acquisition - Parcels 15, 16, 19, 21; construct fire-crash and rescue building; construct aircraft apron

all as more particularly described in the property map attached as Exhibit "A" to the Project Application and in the plans and specifications as approved for this project by the Chief, Airports Branch, FAA, Eastern Region, Cleveland, Ohio, all of which are hereby incorporated herein by reference and made a part hereof;

*and letters dated May 18 and 31, 1966 from the President, Board of Trustees

July 14, 1966 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U. S. C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION AGENCY, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 per centum of all such costs.

This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be \$144,650.00.
2. The Sponsor shall:
 - (a) begin accomplishment of the Project within sixty days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
 - (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
 - (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57-151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: Provided, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.

July 14, 1966 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

5. The Sponsor shall operate and maintain the Airport as Provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before June 30, 1966 or such subsequent date as may be prescribed in writing by the FAA.
8. In addition the sponsor shall:
 - (a) Incorporate or cause to be incorporated in each advertisement for bids and each contract for construction work under the project, or any modification thereof, the equal opportunity clause incorporated by reference in Section 151.54 of the Federal Aviation Regulations and as set forth in Section 60-1.3(b)(1) of the regulations of the President's Committee on Equal Employment Opportunity (41 CFR 60-1);
 - (b) Incorporate or cause to be incorporated in each advertisement for bids or proposal for construction work under the project the provisions prescribed by Section 151.54(d)(1) of the Regulations;
 - (c) Be bound by said equal opportunity clause in any construction work under the project which it performs itself other than through its own permanent work force directly employed or through the permanent work force directly employed by another agency or government;
 - (d) Cooperate actively with the FAA and the President's Committee on Equal Employment Opportunity in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations and relevant orders of the Committee;
 - (e) Furnish the FAA and the Committee such information as they may require for the supervision of such compliance and will otherwise assist the FAA in the discharge of its primary responsibility for securing compliance;

July 14, 1966 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

- (f) Refrain from entering into any contract or contract modification subject to Executive Order 11114 with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and Federally assisted construction contracts pursuant to Part III, subpart D of Executive Order 10925;
- (g) Carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the FAA or the Committee pursuant to Part III, subpart D of Executive Order 10925; and

In the event that the sponsor fails or refuses to comply with its undertakings, the FAA may cancel, terminate or suspend in whole or in part any contractual arrangements it may have with the sponsor, may refrain from extending any further assistance under any of its programs subject to Executive Order 11114 until satisfactory assurance of future compliance has been received from such applicant, or may refer the case to the Department of Justice for appropriate legal proceedings.

- 9. By its acceptance of this Grant Offer the sponsor agrees that insofar as is within its powers and to the extent reasonable, the sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations including landing and take-off of aircraft.
- 10. The sponsor's financial records of the project established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151), will also be available to representatives of the Comptroller General of the United States.
- 11. The Sponsor covenants and agrees with respect to the clear zones shown on the airport master plan layout approved April 7, 1964, by the Chief, Airports Division, FAA, Eastern Region, and on future revisions of such plan, if any, that the Sponsor will maintain the land in such clear zones as to which the Sponsor holds fee simple title free and clear of all structures, except those required as aids to air navigation, unless otherwise authorized by the FAA.
- 12. It is understood and agreed that the reference to "Section A of FAA Technical Standard Order Number N-18 dated April 26, 1950, as amended," or, "Advisory Circular AC No. 150/5300-1", whichever is applicable, as contained in Part III, Paragraph 7 of the Project Application, be deleted and the following language substituted: "Section 77.23, as applied to Section 77.27, Part 77 of the Federal Aviation Regulations".
- 13. The Federal Government does not now plan or contemplate the construction of any structure, in addition to an air traffic control tower, pursuant to Paragraph 9 of Part III - Sponsor's Assurances of the Project Application dated August 19, 1965, and, therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any additional areas or rights without cost to the Federal Government under this Grant Agreement.

July 14, 1966 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

- 14. It is understood and agreed that the typewritten description of airport development appearing in the second paragraph on Page 1 of the Project Application is hereby deleted and the typewritten description of airport development appearing in the second "WHEREAS" clause on Page 1 of the Grant Offer is substituted in its place and stead.

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Federal Airport Act, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA
 FEDERAL AVIATION AGENCY

By _____
 (TITLE)
 Acting Director, Eastern Region

Part II - Acceptance

The Board of Trustees of The Ohio State University does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this 27th day of June, 1966.

Board of Trustees of
 The Ohio State University
 (Name of Sponsor)

By _____

(SEAL)

Title President

Attest: _____

Title: Secretary

July 14, 1966 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

CERTIFICATE OF SPONSOR'S ATTORNEY

I, Huntington Carlile, acting as Attorney for Board of Trustees of The Ohio State University, (herein referred to as the "Sponsor") do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Ohio, and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio this 28th day of June, 1966.

Title Special Counsel to the Attorney General of Ohio for Ohio State University

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IV. GRANTS AND GIFTS (continued)

The following grants to the University were among those received since June 9, 1966, 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 (continued)

- 2. \$1,384,133.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the construction of facilities consisting of a Biological Sciences Building having six stories in central core with five mezzanines and one mechanical penthouse on the roof plus a smaller building connected by covered walkways, with a total of approximately 166,584 gross square feet. This grant agreement is made under Title II, Public Law 88-204. (Project No. 2-1765)
- 3. \$173,500.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the program entitled "Geography and the Teaching of Geography." This grant agreement is made under Title V-C, Higher Education Act of 1965. (Grant No. OEG-3-6-600732-1450)
- 4. \$136,750.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Veterinary Pathology," under the direction of Dr. Clarence R. Cole, Department of Veterinary Pathology, for the period July 1, 1966 through June 30, 1967. (Grants Nos. 5 T01 GM01052-04 and 3 T01 GM01052-04S1)

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$135,168.00 from National Science Foundation to the University for "Administration of Institutional Grants for Science, 1966." (GU-1892)
6. \$111,944.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program," under the direction of Dr. John R. Wilson, Dean of the College of Dentistry, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T02 CH 1106-01)
7. \$111,066.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program," under the direction of Dr. Lloyd R. Evans, Assistant Dean of the College of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T02 CH 1004-01)
8. \$75,519.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Medical Cardiology," under the direction of Dr. James V. Warren, Department of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T1 HE 5546-06)
9. \$75,000.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "The Natural History of Disability," under the direction of Dr. Saad Z. Nagi, Department of Sociology and Anthropology, for the period June 1, 1966 through June 30, 1967. (Grant No. RD-2292-G-66)
10. \$70,280.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Pharmacology," under the direction of Dr. Bernard H. Marks, Department of Pharmacology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 GM01417-02)
11. \$68,498.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Postdoctoral Trainees in Surgery," under the direction of Dr. Robert M. Zollinger, Department of Surgery, for the period May 1, 1966 through June 30, 1967. (Grant No. 1 T01 GM01539-01)
12. \$65,439.00 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 Professor Frederick H. Shillito, Department of Preventive Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. PHT 5-25A-66)

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

13. \$63,604.00 granted under Title VI of the Higher Education Act of 1965 for equipment and materials to improve undergraduate instruction. (Project No. Ohio 6-0027)
14. \$48,600.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Oral Surgery, Periodontics and Prosthodontics," under the direction of Dr. William A. Bruce, College of Dentistry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 DE 00004-10)
15. \$45,882.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Research Training in Social Sciences," under the direction of Professor Raymond F. Sletto, Department of Sociology and Anthropology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH07853-05)
16. \$41,472.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of Dr. Ian W. Gregory, Department of Psychiatry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH08458-03)
17. \$41,007.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work," under the direction of Professor Everett C. Shimp, School of Social Work, for the period July 1, 1966 through June 30, 1967. (Grants Nos. 5 T01 MH06530-10 and 3 T01 MH06530-10S1)
18. \$40,741.00 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 Dr. George J. Hamwi, Department of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 AM05118-10)
19. \$39,894.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of Professor Everett C. Shimp, School of Social Work, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH08254-04)
20. \$38,426.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology Fellowships," under the direction of Dr. Torrence A. Makley, Jr., Department of Ophthalmology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 NB05461-02)

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$38,108.00 granted by The Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C. 20202, to the University for "Training in Water Supply and Pollution Control," under the direction of Dr. Charles A. Dambach, Director of the Natural Resources Institute, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T1-WP-39-03)
22. \$36,012.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of Dr. Charles E. Mengel, Department of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T01 CA05192-01)
23. \$35,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Training," under the direction of Dr. Robert T. Trippy, College of Dentistry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T2 DH 5044-05)
24. \$31,934.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program," under the direction of Dr. Glenn A. Fry, Director of the School of Optometry, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T02 CH 1165-01)
25. \$29,571.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology Fellowships," under the direction of Dr. James Norman Allen, Department of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T08 NB10031-02)
26. \$27,918.00 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 Dr. John C. Ullery, Department of Obstetrics and Gynecology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 AM05403-04)
27. \$26,935.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Study of Carcinogenesis of the Female Reproductive Organs," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5-K3-GM-15,104-10)
28. \$26,302.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental General Psychology," under the direction of Dr. Delos D. Wickens, Department of Psychology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH08526-03)

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

29. \$25,704.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery," under the direction of Dr. William E. Hunt, Department of Surgery, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T01 NB05529-01)
30. \$23,328.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Pathology," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 GM01062-04)
31. \$22,787.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Multidisciplinary Cardiology Training Grant," under the direction of Dr. Robert L. Hamlin, Department of Veterinary Physiology and Pharmacology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 HE05659-02)
32. \$20,485.00 granted under Title VI of the Higher Education Act of 1965 for campus-wide closed-circuit television equipment for undergraduate instruction. (Project No. Ohio 7-0007)
33. \$19,483.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry Training," under the direction of Dr. Ian W. Gregory, Department of Psychiatry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T02 MH05924-16)
34. \$19,146.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "In vivo and in vitro Metabolism of Steroids," under the direction of Dr. John C. Ullery, Department of Obstetrics and Gynecology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 K3 HD 22,534-03)
35. \$15,752.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology," under the direction of Dr. Donald R. Meyer, Department of Psychology, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH06748-09)
36. \$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 Professor Merriss Cornell, School of Social Work, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH07507-06)

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

37. \$1,600.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric - Senior Stipend," under the direction of Dr. Ian W. Gregory, Department of Psychiatry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T01 MH10056-02)

TOTAL - Through the Office of Business and Finance \$3,313,582.00

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the acceptance of the above grants was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

B. Received Through the Development Fund

1. \$403,025.00 in Two Grants from The John A. Hartford Foundation, Inc.

The trustees of The John A. Hartford Foundation, Inc. have approved two grants to the University in the amounts and for the purposes as indicated below subject to formal acceptance by the Board of Trustees:

\$301,709.00 granted to the College of Medicine of The Ohio State University for support of the study of the premature onset of labor.

\$101,316.00 granted to the College of Medicine of The Ohio State University for a study and evaluation of cryogenic surgical techniques in cancer therapy.

It was recommended therefore that the above identified grants be accepted and administered in accordance with the conditions set forth in the grant agreements between The John A. Hartford Foundation, Inc. and The Ohio State University.

Upon motion of Mr. France, seconded by Mr. Jones, the Board of Trustees by unanimous voice vote accepted the above grants from The John A. Hartford Foundation, Inc.

The following gifts to the University were among those received since June 9, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

2. \$10,000.00 from the Bremer Foundation for the Bremer Foundation Fund in the College of Medicine.
3. \$7,000.00 from General Foods Fund, Inc. for support of doctoral fellowships in the School of Home Economics for 1966-67.

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$5,500.00 from The Edward Orton, Jr. Ceramic Foundation--\$3,500.00 for the John L. Carruthers Fellowship Fund and \$2,000.00 for the Edward Orton, Jr. Ceramic Foundation in Ceramic Engineering.
5. \$5,206.10 by a bequest from Edith M. Dakin for the establishment of the Edith M. Dakin Memorial Fund.

Edith M. Dakin Memorial Fund

The Edith M. Dakin Memorial Fund was established June 28, 1966, by a bequest from Edith M. Dakin, B. Sc. in Agriculture '20.

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

Principal and/or income is to be used for research and educational purposes in the Department of Psychiatry of the College of Medicine, as recommended by the Chairman of the Department of Psychiatry and approved by the Dean of the College of Medicine.

In the event of a reorganization of colleges and departments within The Ohio State University, then the disbursements from this fund shall be made as recommended by the appropriate administrative official in charge of medical education at the University.

6. \$5,000.00 from Rabbi Morris Silverman for the establishment of the Rabbi Morris Silverman Research Scholarship Fund.

Rabbi Morris Silverman Research Scholarship Fund

The Rabbi Morris Silverman Research Scholarship Fund was established May 27, 1966, by a gift through the Development Fund from Rabbi Morris Silverman (B. A. '16, L. H. D. Hon. '65).

The principal is to be invested in accordance with G. C. 3345.16.

The income is to be used for a research scholarship in the field of human relations.

7. \$3,700.00 from The Dow Chemical Company, Midland, Michigan--\$2,500.00 for the Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering and \$1,200.00 for the Dow Chemical Company Scholarship and Fellowship Fund in Chemistry.
8. \$3,400.00 from The Babcock & Wilcox Company, New York, New York 10017, to be applied to engineering and technical education.
9. \$3,085.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$2,418.00 from the family and friends of Dr. Vincent J. Ellerbrock for the establishment of the Vincent J. Ellerbrock Memorial Fund.

Vincent J. Ellerbrock Memorial Fund

The Vincent J. Ellerbrock Memorial Fund was established June 1, 1966, by gifts through the Development Fund in memory of Dr. Vincent J. Ellerbrock, B.Sc. in Optometry '40, M.S. '41, and Ph.D. '47, former Professor in the School of Optometry.

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 by the School of Optometry for students' recognition or welfare.

11. \$2,250.00 from Alcoa Foundation for the Alcoa Foundation Scholarship Fund.
12. \$2,000.00 from Smith, Kline & French Laboratories for research in nephrosis and allied kidney diseases.
13. \$2,000.00 from J. Gilbert Reese for the establishment of the J. Gilbert Reese Scholarship Fund.

J. Gilbert Reese Scholarship Fund

The J. Gilbert Reese Scholarship Fund was established June 22, 1966, by a gift through the Development Fund from J. Gilbert Reese, B.A. '49 and LL.B. '52.

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 scholarships in the College of Law at The Ohio State University and to be made upon the recommendation of the Dean of said College.

In the event the need for such scholarship should cease to exist or so diminish as to create unused income, then such income shall be used by the Board of Trustees of The Ohio State University for some purpose in the field of law upon recommendation of the administrative officer then in charge of legal education at The Ohio State University.

14. \$1,612.34 from Josephine S. Failer representing Antique Show receipts with the purpose to be designated at a later date.

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. \$1,429.19 from The Ohio State University Nurses Alumnae Association for the establishment of The Mildred E. Newton Scholarship Fund.

The Mildred E. Newton Scholarship Fund

The Mildred E. Newton Scholarship Fund was established June 9, 1966, by gifts through the Development Fund from The Ohio State University Nurses Alumnae Association in honor of Dr. Mildred E. Newton, Director of the School of Nursing.

The principal is to be invested in accordance with rules and regulations therefor 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 for scholarships to senior nursing students until such time as income may be sufficient to support either a named professorship or an endowed chair in the name of Mildred E. Newton.

16. \$1,200.00 from the 1966 graduating class for the establishment of the 1966 Senior Class Memorial Scholarship Fund.

1966 Senior Class Memorial Scholarship Fund

The 1966 Senior Class Memorial Scholarship Fund was established June 22, 1966, by gifts through The Ohio State University Development Fund from members of the graduating class of 1966.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as the occasion dictates.

The income is to be added to principal until such time as there is a minimum of \$375.00 available annually. Thereafter the income is to be used to provide one or more scholarships annually of not less than \$375.00 each per academic year. These scholarships are to be available to any student of The Ohio State University, first preference, however, to be given to children of members of the Class of 1966.

17. \$1,100.00 from Harold F. Zieg--\$1,000.00 for the Ophthalmology Teaching Fund and \$100.00 to the College of Commerce and Administration.
18. \$1,000.00 from Koppers Company, Inc. for the Koppers Company Competition Fund.

TOTAL - Received Through the Development Fund \$460,925.63

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

In May, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,056	\$ 47,300.37
Individuals other than alumni	162	4,166.22
Nonprofit organizations	34	54,472.95
Business concerns	<u>21</u>	<u>31,338.47</u>
	1,273	\$137,278.01

Of these gifts, 530 totaling \$6,831.39 were undesignated and 743 totaling \$130,446.62 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 overhead expenses on Research and Training Grants 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 1965-66.

National Science Foundation

310005	Geology - Pincus	\$ 139.21
310008	Education - Richardson	8,603.63
310010	Education - Trimble	119.27
310011	Education - Trimble	205.66
310012	Physics - Riley	855.34
310016	Aeronautical and Astronautical Engineering - Mallett	8.55
310017	Animal Science - Cline	4.33
310020	Zoology and Entomology - Fisk	1,287.41
310024	Geography - Taaffe	1,198.28
310026	Mathematics - Riner	3,306.16
310027	Education - Summer Institutes - Richardson	1,930.38
310028	Geology - Spieker	1,359.01
310029	Engineering - Yarrington	1,653.72
310030	Mathematics - Ross	<u>2,846.74</u>
	Total National Science Foundation	<u>\$ 23,517.69</u>

U. S. Department of Health, Education and Welfare

320014	NIH - Development Award - Hollander	\$ 1,264.44
320015	NIH - Training in Water Supply and Pollution Control - Dambach	1,005.31

July 14, 1966 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)

320016	NIH - Graduate Training Clinical Psychology - Stack	\$ 3,928.06
320017	NIH - Graduate Training Arthritis and Metabolic Diseases - Hamwi	2,486.72
320018	NIH - Graduate Training Social Science - Sletto and Nagi	2,376.84
320019	NIH - Graduate Training in Endocrinology - Ullery	1,342.19
320020	NIH - Graduate Training Social Work - Prince	2,431.65
320021	NIH - Undergraduate Training Psychiatric Nursing - Newton	1,386.83
320023	NIH - Graduate Training Dental - Wilson	3,315.24
320024	NIH - Graduate Training Social Work Corrections - Daykins	2,782.56
320025	NIH - Graduate Training Social Work - Cornell	48.00
320026	NIH - Graduate Training Physiological Psychology - Meyer	1,175.44
320027	NIH - Training Tropical Medicine and Parasitology - Wharton	1,054.00
320028	NIH - Graduate Training General Psychology - Wickens	1,513.47
320029	NIH - Graduate Training Psychiatry - Ristine	839.83
320030	NIH - Development Award - Scarpelli	1,592.00
320031	NIH - Training Cardiology - Warren	4,597.97
320033	NIH - Graduate Training Psychiatry Residency - Ristine	1,400.00
320034	NIH - Training Occupational Health - Shillito	2,912.42
320035	NIH - Training Food Technology and Nutrition - Johnson	2,292.85
320036	NIH - Undergraduate Training Dental - Wilson	2,471.96
320037	NIH - Graduate Training Veterinary Pathology - Cole	3,471.92
320038	NIH - Graduate Training Experimental Pathology - von Haam	1,022.50
320039	NIH - Graduate Training Biochemistry - Deatherage	1,458.85
320040	NIH - Graduate Training Microbiology and Immunology - Birkeland	1,554.28
320041	NIH - Career Development - Besch	1,148.00
320042	NIH - Development Award - Weissler	1,656.00
320043	NIH - Training Otolaryngology and Audiology - Saunders	5,943.02
320044	NIH - Undergraduate Training Psychiatry - Patterson	1,922.34
320045	NIH - Cancer Training - von Haam	1,884.79
320046	NIH - Cancer Training Dental - Wilson	371.11
320048	NIH - Undergraduate Training Clinical - Warren	1,520.10
320053	NIH - Development Award - Nelson	1,675.81
320057	NIH - Development Award - Hamlin	1,129.88

July 14, 1966 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)

320001	NIH - Supply Grant - Ogden and Roldan	\$ 24.84
320004	NIH - Training Cardiology - Warren	600.00
330002	Child Development - Knobloch	2,503.53
330003	Child Welfare Training - Schneiderman	1,833.41
330005	VRA - Speech Pathology and Audiology - Schlanger	1,309.22
330006	VRA - Teaching and Traineeships in Rehabilitation Medicine - Johnson	4,663.75
330008	VRA - Teaching for Physical Therapy - Woods	524.85
330009	VRA - Teaching and Traineeships in Sociology - Nagi	1,077.29
330011	Public Health Service Dentistry - McGiffert	158.44
330013	OE - NUEA - Barnes	32,722.35
340003	OE - Counseling and Guidance Training Institute AY - Peters	21,899.00
340009	OE - East Asian Languages - Ching	4,700.00
340010	OE - Summer Institute French - Allen	10,999.00
340012	OE - Counseling and Guidance Summer Institute - Robinson	6,193.00
340013	OE - Educational Media Specialist Summer Institute - Miller	5,496.00
340017	OE - Geography - Summer Institute - Brown	4,322.00
340018	OE - English - Summer Institute - Eberhart	8,289.00
	Total U. S. Department of Health, Education and Welfare	<u>\$174,292.06</u>

Miscellaneous

390004	Service Charge India	\$ 2,580.00
390006	AID Secondary Education	23,940.20
390028	AID India	9,145.13
390034	AID Punjab	6,536.99
390035	AID - UDAI - Purdue	6,304.52
390030	Bureau of Employment Security Conference - Riccio	1,210.89
	Conference	9,335.89
531049	Radio Corporation of America	1,652.95
330012	OASI - Rehabilitation Center	7,278.75
390013	Veteran's Administration - 10%	100.11
531090	Sloan Foundation - Gaines	1,125.00
531096	A M Geological Institute - Shrum	1,103.29
531105	Sloan Foundation - Paquette	1,050.00
531037	Continental Casualty Company	18,338.25
	Total Miscellaneous	<u>\$ 89,701.97</u>
	GRAND TOTAL	<u>\$287,511.72</u>

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

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July 14, 1966 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Dayton Branch - Phase II (Science Building)	\$ 5,879.38
2. Physics and Astronomy Building	7,136.00
3. Pharmacy Building	1,088.00
4. Taylor Tower	6,176.84
	<u>\$20,280.22</u>

B. Summary of Extra Orders Approved by the President

On October 12, 1962, the Board of Trustees authorized the President to approve all individual change orders on projects where said orders do not exceed \$500.00 each, with the understanding that such actions thus taken are to be reported to the Board upon completion of each of the respective projects and that the said reports should be in total amounts and not in detail. Therefore, a summary of the change orders which have been approved by the President, as authorized by the Board of Trustees, were reported for the following projects:

Antenna Laboratory - Control Facility at the Saucer Laboratory (B/A 801034)	\$ 109.36
Electrical Engineering Research Facilities (B/A 801023) (Item 026, S. B. 370)	237.08
Garage, Phase I (B/A 801040)	109.33
Ohio Union - West Terrace Dining Room Expansion (B/A 801049)	2,358.90
Modernization of Orton Hall and Mendenhall Laboratory (Item 021, S. B. 370)	743.88
Modernization of Commerce and Administration Buildings Page and Hagerty Hall (Item 024, S. B. 370)	512.00
Physiological and Experimental Psychology (B/A 801043)	589.20
Research Space, East Side of Stadium, Phase III (B/A 801020)	568.00
University Hospital Corridor Repairs (B/A 801056 - H. B. 711)	292.00
Pulsed Van de Graaff Accelerator Facility (Item 029, S. B. 370)	1,755.00
Repairs to Married Student Housing Community Building (B/A 920600)	610.50
Houck House (Building No. 7) (B/A 801037)	1,158.30
Nosker and Archer Houses (Buildings 8 and 9) (B/A 801037)	(303.25)
North Commons (Dining Facility Northwest) (B/A 801026)	748.97
Total	<u>\$ 9,489.27</u>

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

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July 14, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS

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

A. Wiseman Hall - Replacement of Incinerator

This project provides for complete removal of the existing incinerator and stack, relocation of building water service and other electrical and piping services, and excavation, new incinerator stack and complete installation of the new incinerator, including electrical and mechanical connections.

Funds for this project will be provided from Budget Account 801085.

B. Wiseman Hall - Installation of Gas Line

This project provides for the installation of a gas line to supply gas to the new incinerator to be installed in Wiseman Hall.

Funds for this project will be provided from Budget Account 121658.

C. Research Space - East Side of Stadium, Phase IV

This project is an extension of the research space for one more bay to provide an additional gross area of 13,625 sq. ft. on two floor levels (structural portion only).

Funds for this project will be provided from Budget Account 801020.

D. Jones Graduate Tower

This project is a thirteen-story dormitory building to provide housing for 500 graduate students.

Funds for this project will be provided from Dormitory Construction Funds.

E. Center for Tomorrow - Phase I

This phase of the project is a new two-story building with laboratories, offices, auditorium and other facilities for studies and research in telecommunications.

Funds for this project will be provided from Budget Account 801035.

F. Addition to Wiseman Hall

This project is a two-story addition to Wiseman Hall to provide space for research in preventive medicine and environmental health.

Funds for this project will be provided from Item 016, S. B. 370 and Item 042, H. B. 202, and National Institutes of Health grants.

July 14, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

G. Marion Branch Campus, Phase I

This project is a three-story building to be used as a general academic facility to provide offices, classrooms, laboratories and other facilities.

Funds for this project will be provided from Item 038, H. B. 949.

H. University Hospital and Upham Hall Gas Fired Entrance Heating

This project provides snow melting and patient protection at the Front and Emergency Entrances of University Hospital and the East and West Entrance of Upham Hall.

Funds for this project will be provided from Budget Account 921400.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, 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 for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Completion of Curl Drive

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>General Contract</u> (2 bids received 6-10-66) The Floyd H. Baker Corp. (Columbus)		
Base Bid	\$ 26,629.00	\$ 32,000.00
Alt. H-1 Sidewalk Replacement	900.00	3,000.00
Total Contract	<u>\$ 27,529.00</u>	<u>\$ 35,000.00</u>

Funds for this project will be provided from Item 003, H. B. 202.

July 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Ohio Union, Third Floor Addition, South Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-20-66)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$ 322,700.00	\$ 360,000.00
Substitution - Flooring	- 1,000.00	---
Total	<u>\$ 321,700.00</u>	<u>\$ 360,000.00</u>
<u>Plumbing Contract</u>		
(4 bids received 6-15-66)		
O'Brien Plumbing & Heating Co. (Columbus)	14,000.00	22,000.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 6-20-66)		
Limbach Company (Columbus)	70,874.00	85,000.00
<u>Electrical Contract</u>		
(2 bids received 6-15-66)		
Claggett Electric Company (Columbus)	<u>40,280.00</u>	<u>47,500.00</u>
<u>Total Contracts</u>	<u>\$ 446,854.00</u>	<u>\$ 514,500.00</u>

Funds for this project will be provided from Budget Account 801039.

C. Hughes Hall Auditorium - Repairs to Lighting

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 6-21-66)		
Reco Electric, Inc. (Columbus)		
Base Bid	\$ 12,950.00	\$ 13,500.00
Alt. E-1 Additional Dimmers	1,035.00	1,500.00
Alt. E-2 Rewiring of Stage Lighting Controls	<u>5,420.00</u>	<u>5,000.00</u>
Total Contract	<u>\$ 19,405.00</u>	<u>\$ 20,000.00</u>

Funds for this project are provided from Budget Account 121658.

D. Food Facility - Phase III

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 6-9-66)		
E. J. Will & Company (Columbus)	\$ 34,635.00	\$ 65,000.00

July 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Food Facility - Phase III

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 6-9-66)		
Huffman-Wolfe Company (Columbus)	\$ 59,770.00	\$ 60,000.00
<u>Plumbing Contract</u>		
(3 bids received 6-9-66)		
Piping Contractors Co. (Columbus)	27,516.00	30,000.00
<u>Electrical Contract</u>		
(3 bids received 6-24-66)		
Electrical Contractors, Inc. (Columbus)	74,646.00	82,000.00
<u>Kitchen Equipment Contract</u>		
(3 bids received 6-9-66)		
Wasserstrom Fixture & Supply Co. (Columbus)	15,090.00	35,000.00
<u>Total Contracts</u>	<u>\$ 211,657.00</u>	<u>\$ 272,000.00</u>

Funds for this project are provided from Dormitory Revenue.

E. Additional Stacks for Main Library

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Bookstack Contract</u>		
(1 bid received 6-22-66)		
Virginia Metal Products Co. (Orange, Virginia)		
Base Bid	\$ 188,043.00	\$ 200,000.00
Alt. BS-1 Folio Cases	4,979.00	6,800.00
Total Contract	\$ 193,022.00	\$ 206,800.00
<u>Heating and Ventilating Contract</u>		
(4 bids received 6-22-66)		
Kuempel Co. (Columbus)	11,720.00	16,000.00
<u>Plumbing Contract</u>		
(3 bids received 6-22-66)		
Kuempel Co. (Columbus)	4,720.00	6,000.00
<u>Electrical Contract</u>		
(2 bids received 6-29-66)		
Mid-City Electric Co. (Columbus)	59,971.00	67,000.00
<u>Total Contracts</u>	<u>\$ 269,433.00</u>	<u>\$ 295,800.00</u>

Funds for this project are provided from Budget Account 801073.

July 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Roof Repairs for 1966

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 7-5-66)		
Geo. Shustick & Sons, Inc. (Columbus) \$	74,986.00	\$ 107,800.00

Funds will be provided from Budget Accounts 121658 and 960200.

G. Lighting Improvements - Fifteenth Avenue Entrance

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-5-66)		
Jess Howard Electric Co. (Columbus) \$	15,747.00	\$ 20,000.00

Funds will be provided from Budget Account 121658.

H. Military Science - Modernization of Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 7-5-66)		
Jess Howard Electric Co. (Columbus) \$	16,797.00	\$ 25,000.00

Funds will be provided from Budget Account 121658.

I. Masonry Repairs for 1966

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 7-5-66)		
Charbetz Company (Columbus) \$	59,444.00	\$ 62,070.00

Funds will be provided from Budget Accounts 121658 and 998200.

J. Street Repairs for 1966

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 7-5-66)		
Max J. Zeller, Inc. (Columbus) \$	78,400.00	\$ 81,600.00

Funds will be provided from Budget Account 121658.

July 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

K. Electronics Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 6-22-66)		
Robert W. Setterlin & Sons Co. (Columbus)		
Base Bid	\$1,717,000.00	\$1,543,321.00
Alt. G-7 Convector Enclosures	14,800.00	12,460.00
Total Contract	<u>\$1,731,800.00</u>	<u>\$1,555,781.00</u>
<u>Plumbing Contract</u>		
(5 bids received 6-22-66)		
The Huffman-Wolfe Company (Columbus)		
Base Bid	\$ 144,440.00	\$ 143,750.00
Alt. P-3 Vacuum Cleaning System	10,150.00	5,000.00
Total Contract	<u>\$ 154,590.00</u>	<u>\$ 148,750.00</u>
<u>Heating and Ventilating Contract</u>		
(5 bids received 6-22-66)		
Limbach Company (Columbus)		
Base Bid	\$ 409,000.00	\$ 450,050.00
Alt. M-1 Perimeter Radiation	14,000.00	8,000.00
Total Contract	<u>\$ 423,000.00</u>	<u>\$ 458,050.00</u>
<u>Electrical Contract</u>		
(4 bids received 6-22-66)		
Electrical Contractors, Inc. (Columbus)		
Base Bid	\$ 421,369.00	\$ 462,879.00
Alt. E-2 Vacuum Cleaning System	876.00	550.00
Total Contract	<u>\$ 422,245.00</u>	<u>\$ 463,429.00</u>
<u>Total Contracts</u>	<u>\$2,731,635.00</u>	<u>\$2,626,010.00</u>

It will be noted that the General Contract and Plumbing Contract low bids are in excess of the filed estimate of cost. The Director of Public Works has recommended that these bids be accepted subject to the approval of the State Controlling Board.

Funds for this project are provided from Item 011, H. B. 202.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, 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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July 14, 1966 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 39 Approves the transfer of \$3,000.00 from University Branches, Item 006, to The Ohio State University - Newark Branch Campus, Item 039, H. B. 949, to cover the cost of test pits, test borings, site survey, plan inspection, advertising and miscellaneous expenses.
- 53 Approves the release of \$1,000,000.00 in Item 034, H. B. 949, for the acquisition of land for the Transportation Research Center.
- 62 Approves the release of \$2,553,000.00 from Item 002, H. B. 949, to provide funds for construction of "Science and Engineering Building, Phase IV" Wright State Campus.
- 63 Authorizes the expenditure of \$18,250.00 for the purchase of Lot 26, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, known as 132 West Tenth Avenue.
- 64 Approves the transfer and release of \$2,896,605.00 from Item 027, H. B. 202, to Item 012, H. B. 202, to provide construction funds for the project "Systems Engineering Building."
- 65 Approves the acquisition of Lot 2 except a 15' x 79' tract off the north-east corner, Elizabeth J. McMillen's University Addition, commonly known as 1598 Neil Avenue.

* * *

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Demolition of Buildings

Upon the recommendation of the President's Cabinet, it was recommended that the Vice President for Business and Finance be authorized to proceed with the demolition of all buildings located on the following property:

1105 West Lane Avenue

2442 Olentangy River Road

This demolition will be accomplished in the most economical manner.

Upon motion of Mr. Bricker, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

B. Employment of Engineers - University College, Utilities

It was recommended that the firm of Alden E. Stilson and Associates, Ltd., be employed to provide complete professional engineering services for the utilities for the above project including surveys, design, preparation of drawings, specifications, estimate of cost, bidding documents and complete field supervision of construction. The fee will also include six months' service of a resident engineer for supervision.

July 14, 1966 meeting, Board of Trustees

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

B. Employment of Engineers - University College, Utilities (continued)

The fee will be calculated on the basis of 7 1/2 per cent of the construction cost plus \$1,300.00 per month or \$60.00 per day for time less than one month for any additional supervision required on the part of the resident engineer.

Funds for this project will be provided from Item 037, H. B. 949.

C. Employment of Engineers - Stadium Dormitory Food Service Facility Remodeling

It was recommended that the firm of Loren J. Staker 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 8 per cent of the construction cost and funds will be provided from Student Facilities Fees.

D. Employment of Architects - Wiseman Hall - Replacement of Incinerator

It was recommended that the firm of Saltz & Forward be employed to provide the design and engineering service for the new incinerator stack and footing and lightning protection system, alteration and demolition of existing structure as required to accommodate the new work and the coordination of the work with the mechanical and electrical design and with the architect for the addition to the building presently in progress.

The fee will be calculated on the basis of \$12.00 per hour for principal's services and the actual rate times two for other employee time, or approximately \$2,400.00. Funds will be provided from Budget Account 801085.

E. Employment of Architects - Parking Ramp - Stadium Area

It was recommended that the architectural firm of Vogt-Ivers and Associates 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. Supervision of construction is not included.

The fee will be calculated on the basis of 4 per cent of the construction cost or approximately \$76,000.00. Funds will be provided from Parking Revenue.

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

July 14, 1966 meeting, Board of Trustees

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

F. Laundry Washer-Extractor Equipment - Internal Loan

To enable the use of modern equipment and methods in the new Laundry Facility, it was necessary to purchase new washer-extractor equipment in the amount of \$105,500.00 which will be self-liquidating. In order to implement the purchase, it was recommended that the sum of \$105,500.00 be transferred from Account 179992 to Account 911685 for this purpose and that repayments be made on the basis of 5 per cent interest payable upon the balance of the loan in accordance with accepted commercial practice. It was estimated that repayment will take five years.

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

G. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Robert Donald Clark be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Clark, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

By unanimous consent the above recommendation was approved.

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project

President Fawcett reported that Vice President for Business and Finance, Dr. Gordon B. Carson, in consultation with Bond Counsel, Squire, Sanders & Dempsey; the Chairman of the Finance and Investment Committee, Mr. Stanley C. Allyn; and administrative officers from Miami University and Wright State Campus, has developed a program for the financing of greatly needed student activity facilities on the Wright State Campus.

Whereupon Mr. Stanley C. Allyn, Chairman of the Finance and Investment Committee, presented the following resolutions providing for financing of the Wright State Campus Student Activity Center and the planning and development thereof:

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

1. Resolution Providing for the Issuance of \$950,000 Student Center Notes of 1966 for and on Behalf of the Wright State Campus and Its Successor, Wright State University and Its Board of Trustees

RESOLUTION

Providing for the issuance of \$950,000 Student Center Notes of 1966 for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, for the purpose of constructing and equipping a project comprised of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space at Wright State Campus.

WHEREAS, the Wright State Campus was created by Substitute Senate Bill No. 210, passed by the 106th General Assembly of Ohio, as an interim institution of higher education under the administration of the Boards of Trustees of The Ohio State University and Miami University, with the goal of developing a state university; and

WHEREAS, the Boards of Trustees of said Universities are directed by Revised Code Section 3352.10 to establish policies and goals for the purpose of preparing Wright State Campus to become a state university, and are empowered by Revised Code Section 3352.11 to do all things necessary for the creation, proper maintenance and successful operation of Wright State Campus with the goal of developing a state university; and

WHEREAS, the Wright State Campus Advisory Committee (herein called the Advisory Committee) has been established, pursuant to Revised Code Section 3352.12, for the purpose of consulting and advising with regard to policies for the development of Wright State Campus into a state university; and

WHEREAS, the Advisory Committee did at its January 20, 1966 meeting, by formal resolution find and determine that there is an urgent need at Wright State Campus to develop facilities to serve as a student activity center with dining and other areas to accommodate functions which are important to the successful operations of an institution of higher education and necessary to the development of Wright State Campus into a state university; and

WHEREAS, the Boards of Trustees of The Ohio State University and Miami University did at their meetings held February 10, 1966 and February 12, 1966, respectively, concur in such need and determined to assist in the development of such building; and

July 14, 1966 meeting. Board of Trustees

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

1. Resolution Providing for the Issuance of \$950,000 Student Center Notes of 1966 for and on Behalf of the Wright State Campus and Its Successor, Wright State University and Its Board of Trustees

WHEREAS, the Advisory Committee, upon further consideration, has determined and recommends that the said project should constitute a student activity center providing, among other things, space for student activities and recreation, and also dining facilities and bookstore space (hereinafter called the "Project"), presently estimated to cost approximately \$950,000; and

WHEREAS, the Board of Trustees of Wright State University, upon commencement of the exercise of its powers, pursuant to Substitute Senate Bill No. 210, will have authority under Revised Code Section 3345.11 to issue bonds or notes to repay moneys borrowed and advances made for the development of the Project; and

WHEREAS, The Ohio State University, by agreement with Miami University, has heretofore undertaken supervision of certain capital improvements at Wright State Campus; and

WHEREAS, extensive analysis by representatives of the Advisory Committee and of The Ohio State University have resulted in the conclusion that the most feasible way of providing for the development of the Project is through the borrowing of necessary funds by The Ohio State University, supported by guarantees, which funds would then be advanced to the Wright State Campus and its successor, Wright State University, and which borrowed and advanced funds are to be repaid from the proceeds of the issuance of bonds or notes by the Board of Trustees of Wright State University following the commencement of their exercise of powers as aforesaid; and

WHEREAS, pursuant to the recommendation and request made on behalf of the Advisory Committee, the Board of Trustees of Miami University did, on June 11, 1966, duly adopt a resolution concurring in such method of financing, concurring in the levy of a Student Center Fee to be pledged thereto and planning and development of the Project, and concurring in the exercise of all functions by the Board of Trustees of The Ohio State University and officers of said University designated by it, in the planning, development and financing of the Project; and

WHEREAS, by resolution adopted July 1, 1966, the Advisory Committee has advised and requested that the Board of Trustees of The Ohio State University cause the Project to be financed substantially in the manner provided in this resolution;

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

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

1. Resolution Providing for the Issuance of \$950,000 Student Center Notes of 1966 for and on Behalf of the Wright State Campus and Its Successor, Wright State University and Its Board of Trustees

Section 1. Pursuant to the resolutions of the Wright State Campus Advisory Committee and of the Board of Trustees of Miami University referred to above, it is hereby determined and declared that it is necessary to construct and equip the Project, and to issue notes as herein provided in the principal sum of \$950,000 pursuant to Section 3352.11 of the Revised Code of Ohio for the purpose of paying the costs of the Project, and thereby provide for the maintenance and successful operation of Wright State Campus with the goal of developing a state university.

Section 2. Said notes shall be payable from (a) the Student Center Fees assessed upon students at The Wright State Campus and other revenues of the Project financed hereby which are pledged thereto subject to application thereof to pay costs of the Project and subject to any pledge thereof to secure bonds or notes issued by Wright State University and its Board of Trustees, pursuant to Section 3345.11 of the Revised Code of Ohio, to repay the moneys borrowed for the below mentioned Project evidenced by the notes of this issue and advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, and (b) the proceeds of the sale of any such bonds or notes of Wright State University and its Board of Trustees, which proceeds shall be applied promptly to the payment or prepayment of such principal and interest; and neither the State of Ohio nor The Ohio State University, Wright State University, their respective Boards of Trustees, nor Wright State Campus 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 any of such institutions thereof, and this note is not the general obligation of the State or any such institutions and their full faith and credit are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment of the principal of or interest upon the notes of this issue.

Section 3. Said notes shall be designated "Student Center Notes of 1966", shall be dated as determined by the Fiscal Officer, and shall mature not later than eighteen months from their date, provided that the same may be prepaid at any time without penalty or premium. Said notes shall bear interest payable at maturity or upon prepayment of principal, at the rate or rates, not exceeding 3.75% per annum, as determined by the Fiscal Officer in his certificate awarding such notes. Said notes shall be in the denomination of \$50,000 and any multiples thereof, and may be represented by a single note, all as requested by the Original Purchaser thereof and approved by the Fiscal Officer.

July 14, 1966 meeting, Board of Trustees

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

1. Resolution Providing for the Issuance of \$950,000 Student Center Notes of 1966 for and on Behalf of the Wright State Campus and Its Successor, Wright State University and Its Board of Trustees

Said notes shall be payable as to both principal and interest at the place or places designated by the Original Purchaser and approved by the Fiscal Officer, and said notes shall be signed by the President or the Fiscal Officer of The Ohio State University, attested by the Secretary of the Board of Trustees of The Ohio State University, and shall be impressed with or bear a facsimile of the official seal of the University. Said notes shall be substantially in the form attached hereto as Exhibit A (page 54), the terms and covenants of which are incorporated herein, with such changes not detrimental to the University as the President or the Fiscal Officer may approve. For purposes of this resolution, Fiscal Officer shall mean the Vice President, Business and Finance, of The Ohio State University.

Section 4. Said notes are issued by The Ohio State University and its Board of Trustees solely for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, and not for or on behalf of The Ohio State University or its Board of Trustees nor for or on behalf of Miami University and its Board of Trustees, and all obligations hereunder shall be solely those of Wright State University and its Board of Trustees upon the commencement of the exercise of their powers pursuant to Chapter 3352 of the Revised Code of Ohio and Substitute Senate Bill No. 210 enacted by the 106th General Assembly whereupon the control of the aforesaid Project shall be transferred to the Board of Trustees of Wright State University; and prior thereto the sole obligation of The Ohio State University and its Board of Trustees, pursuant and subject to the authority aforesaid, shall be to fix and maintain Student Center Fees at The Wright State Campus in amount sufficient, with other revenues of said Project, to produce net receipts estimated to be adequate to permit the ultimate issuance of bonds by the Board of Trustees of Wright State University, under Section 3345.11 of the Revised Code of Ohio, in sufficient principal amount for the repayment of the notes of this issue as aforesaid, and to maintain the pledge of said Student Center Fees and other revenues as aforesaid to secure said issue of notes.

Section 5. The notes shall be sold by negotiation, solicitation of proposals or advertisement for bids, by the Fiscal Officer upon such terms and conditions, not inconsistent with this resolution, as he may determine, but at a purchase price of not less than par plus accrued interest, if any. The award of the notes by the Fiscal Officer shall be evidenced by a Certificate of Award signed by him (the purchasers designated therein being herein collectively called the "Original Purchasers"), and the President and Fiscal Officer of the University

July 14, 1966 meeting, Board of Trustees

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

1. Resolution Providing for the Issuance of \$950,000 Student Center Notes of 1966 for and on Behalf of the Wright State Campus and Its Successor, Wright State University and Its Board of Trustees

are each authorized to do all things necessary or proper for the delivery of said notes in accordance with such award and this resolution; PROVIDED, HOWEVER, that such notes shall not be delivered until and unless there is delivered to the Original Purchasers and to the University a guaranty or guarantees of the full obligation of said notes signed by or on behalf of a guarantor or guarantors satisfactory to the Original Purchasers and the Fiscal Officer substantially in the form attached hereto as Exhibit B (page 57), with such changes therein as such Original Purchasers and the Fiscal Officer may approve, his delivery of such notes and their acceptance of them to be conclusive evidence of such approvals.

Section 6. The proceeds of such notes shall be advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, by crediting such proceeds to an account clearly indicating the purpose thereof, and such proceeds shall be disbursed by the appropriate officers of the University to pay costs of the Project, including all costs relating to the planning, development and financing thereof. Until needed for such purposes said proceeds may be deposited and invested in such manner as the Fiscal Officer may determine. Any balance remaining in said account at the time of commencement of the exercise of powers by the Board of Trustees of Wright State University shall be transferred to Wright State University for application as aforesaid. The payment in full of said notes, with all interest due, by Wright State University and its Board of Trustees or by the aforesaid guarantors shall serve to discharge the aforesaid advance of funds by The Ohio State University.

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

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
Acting for and on behalf of Wright State Campus
and its Successor,
WRIGHT STATE UNIVERSITY

STUDENT CENTER NOTE OF 1966

No. § _____

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees, acting for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, for value received hereby promise that Wright State University and its Board of Trustees will pay, solely from the sources hereinafter set forth, to

or order, the principal sum of

DOLLARS

eighteen months from the date hereof, provided that the right is reserved to make prepayment of said principal sum at any time without penalty or premium, with interest thereon from the date hereof at the rate of per centum (%) per annum, payable at maturity or upon prepayment of the principal hereof. The principal sum and interest thereon are payable in lawful money of the United States of America at the principal office of

upon the presentation and surrender of this note. The principal and interest hereof are payable solely from (a) the Student Center Fees assessed upon students at The Wright State Campus and other revenues of the Project financed hereby pledged thereto pursuant to the below mentioned resolutions, subject to application thereof to pay costs of the Project and subject to any pledge thereof to secure bonds or notes issued by Wright State University and its Board of Trustees, pursuant to Section 3345.11 of the Revised Code of Ohio, to repay the moneys borrowed for the below mentioned Project evidenced by the notes of this issue and advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, and (b) the proceeds of the sale of any such bonds or notes of Wright State University and its Board of Trustees, which proceeds shall be applied promptly to the payment or prepayment of such principal and interest; and neither the State of Ohio nor The Ohio State University, Wright State University, their respective Boards of Trustees, nor Wright State Campus 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 any of such institutions thereof, and this note is not the general obligation of the State or any such institutions and their full faith and credit are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment of the principal of or interest upon the notes of this issue.

July 14, 1966 meeting, Board of Trustees

Student Center Note of 1966 (continued)

This note is issued for the purpose of constructing and equipping a project comprised of a student activity center providing, among other things, space for student activities and recreation, and also dining facilities and bookstore space, under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3352.11 of the Revised Code, and pursuant to a resolution of The Wright State Campus Advisory Committee adopted July 1, 1966, a resolution of the Board of Trustees of Miami University adopted June 11, 1966, and a resolution of the Board of Trustees of The Ohio State University adopted July 14, 1966.

In consideration of the loan evidenced by this note, The Ohio State University and its Board of Trustees covenant and agree, on behalf of Wright State University and its Board of Trustees, that Wright State University and its Board of Trustees will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of bonds or notes to repay, with all interest due, the moneys borrowed for the aforesaid Project and evidenced by the notes of this issue, pursuant to Section 3345.11 of the Revised Code, in such principal amount as shall be necessary to pay the principal of and interest on this note and all other notes of this issue, and 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 Wright State 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.

This note is issued by The Ohio State University and its Board of Trustees solely for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, and the proceeds thereof will be advanced to them for the aforesaid Project, all pursuant to the authority aforesaid, and not for or on behalf of The Ohio State University or its Board of Trustees nor for or on behalf of Miami University and its Board of Trustees, and all obligations hereunder shall be solely those of Wright State University and its Board of Trustees upon the commencement of the exercise of their powers pursuant to Chapter 3352 of the Revised Code of Ohio and Substitute Senate Bill No. 210 enacted by the 106th General Assembly whereupon the control of the aforesaid Project shall be transferred to the Board of Trustees of Wright State University; and prior thereto the sole obligation of The Ohio State University and its Board of Trustees, pursuant and subject to the authority aforesaid, shall be to fix and maintain Student Center Fees at The Wright State Campus in amount sufficient, with other revenues of said Project, to produce net receipts estimated to be adequate to permit the ultimate issuance of bonds by the Board of Trustees of Wright State University under Section 3345.11 of the Revised Code of Ohio, in sufficient principal amount for the repayment of the notes of this issue as aforesaid, and to maintain the pledge of said Student Center Fees and other revenues as aforesaid to secure said issue of notes. This note is executed on behalf of said Board of Trustees of The Ohio State University and Wright State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

July 14, 1966 meeting, Board of Trustees

Student Center Note of 1966 (continued)

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, 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, acting for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, have caused this note to be signed on their behalf by the _____ of The Ohio State University and to be attested by the Secretary of the Board of Trustees of said University, as of the _____ day of _____, 1966.

THE OHIO STATE UNIVERSITY and
THE BOARD OF TRUSTEES OF THE OHIO
STATE UNIVERSITY
Acting for and on behalf of
The Wright State Campus and Its Successor,
WRIGHT STATE UNIVERSITY and
THE BOARD OF TRUSTEES OF WRIGHT
STATE UNIVERSITY

By _____
of The Ohio State University

Attest _____
Secretary of the Board of Trustees
of The Ohio State University

(SEAL)

GUARANTY

This Guaranty given by the undersigned Guarantors to the below mentioned Original Purchasers, their successors and assigns and every subsequent holder of the within mentioned Notes (herein collectively called Noteholders).

WHEREAS, provided that this guaranty be given, The Ohio State University and its Board of Trustees (herein sometimes collectively called the University) will issue and deliver to the Original Purchasers \$950,000 aggregate principal amount of Student Center Notes (herein called the Notes) dated as of _____, 1966, maturing eighteen months from such date and bearing interest payable at maturity or upon prepayment at the rate of _____ per centum (_____%) per annum, and issued for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, for the purpose of constructing and equipping a project at Wright State Campus comprised of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space at Wright State Campus, the obligation of which notes is to be satisfied by Wright State University and its Board of Trustees; and

WHEREAS, provided that this guaranty be given, the Original Purchasers will accept and pay for said notes as follows:

<u>Note No.</u>	<u>Principal Amount</u>	<u>Original Purchasers</u>
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NOW, THEREFORE, in order to induce the University to issue and deliver the Notes to the Original Purchasers, and in order to induce the Original Purchasers to accept delivery and make payment for the Notes, the Guarantors do hereby jointly and severally unconditionally guarantee to the Noteholders, and each of them, irrespective of the genuineness, validity, regularity, or enforceability thereof, or of the obligation evidenced thereby, and irrespective of any other circumstance, that all sums stated therein to be payable on the Notes shall be promptly paid in full at maturity, and, in case of any extension of time of payment or renewal in whole or in part, all sums shall be promptly paid when due according to such extension or extensions, renewal or renewals, at maturity; and in case Wright State University and its Board of Trustees shall fail to pay or cause to be paid all or any part of the principal of and interest on the Notes when due, the Guarantors jointly and severally agree to pay to the Noteholders the amount due and unpaid in like manner as if such amounts constituted the direct and primary obligation of the Guarantors.

July 14, 1966 meeting, Board of Trustees

Guaranty (continued)

The Guarantors hereby consent that at any time, without notice to the Guarantors, payment of any sums payable on the Notes may be extended, or the Notes may be renewed in whole or in part, or the pledges and covenants securing the Notes may be waived or modified, all without releasing, discharging or in any way affecting the liability of the Guarantors.

The Guarantors hereby waive presentment, demand for payment by the Wright State University and its Board of Trustees or anyone else, protest and notice of non-payment, dishonor, or protest of the Notes, and all other notices and demands.

The Guarantors shall have no right of subrogation against Wright State University and its Board of Trustees as to any of the Notes unless the Noteholder thereof shall have received full payment thereon, and upon such full payment in part made by two or more of the Guarantors pursuant hereto, such Note shall be transferred to _____, as Escrow Agent for the Guarantors as their respective interests appear.

The Guarantors hereby acknowledge that The Ohio State University and its Board of Trustees shall have no obligation to the Guarantors under the Notes or pursuant to this Guaranty and waive any and all rights of subrogation against The Ohio State University and its Board of Trustees.

The Guarantors further agree that all liability hereunder shall continue notwithstanding the incapacity, lack of authority, death, or disability of any one or more of the Guarantors, and that any failure by the Noteholders to file or enforce a claim against the estate of any of the Guarantors shall not operate to release any other of the Guarantors from liability hereunder.

Executed as of _____, 1966.

GUARANTORS:

July 14, 1966 meeting, Board of Trustees

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

2. Resolution Providing for the Planning and Development of Project for Wright State Campus Composed of a Student Activity Center and Assessing a Student Center Fee at Wright State Campus

RESOLUTION

Providing for the planning and development of a project for Wright State Campus composed of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space, assessing a Student Center Fee at Wright State Campus, and matters incidental thereto.

WHEREAS, the Board of Trustees of The Ohio State University has this day adopted a resolution entitled "Resolution providing for the issuance of \$950,000 Student Center Notes of 1966 for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, for the purpose of constructing and equipping a project comprised of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space at Wright State Campus" (herein called the Note Resolution) all of the preambles of which are incorporated herein by reference as if fully set forth, and the term "Project" as used herein shall have the meaning ascribed to it in the Note Resolution; and

WHEREAS, pursuant to the June 11, 1966 resolution of the Board of Trustees of Miami University and the Wright State Advisory Committee Resolution of July 1, 1966, referred to in the Note Resolution, this Board desires to make provision for the planning and development of the Project and to take formal action concerning the Student Center Fees;

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

Section 1. Planning and Development of the Project. The President, Vice President, Business and Finance, and other appropriate officers of the University are each hereby authorized to supervise the planning, construction and completion of the Project in cooperation with the Director of Public Works, the State Architect and consulting architects and engineers, and in consultation with the Advisory Committee, and for such purpose to do all things necessary and appropriate for the selection and employment of consulting architects and engineers, the advertisement for bids on and the awarding, execution and performance of construction contracts, the provision of equipment and furnishings for the Project, and all other things necessary or appropriate to completing and placing the Project in operation; provided that upon the commencement of the exercise of powers by the Board of Trustees of Wright State University, as aforesaid, The Ohio State University and its officers

July 14, 1966 meeting, Board of Trustees

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

H. Wright State Campus - Program for Financing Student Activity Center and the Planning and Development of Said Project (continued)

2. Resolution Providing for the Planning and Development of Project for Wright State Campus Composed of a Student Activity Center and Assessing a Student Center Fee at Wright State Campus

shall be relieved of such responsibilities and such functions, responsibilities and obligations shall be assumed by the Board of Trustees of Wright State University and its authorized officers.

Section 2. Levy of Student Center Fee. Commencing with the first trimester of the 1966-1967 academic year, and until modified by appropriate authority, there is hereby levied and assessed, and shall be collected by usual procedures, a Student Center Fee in the amount of \$8 per student per trimester, with appropriate adjustments for separate terms of the third trimester and for part-time students, upon each student enrolled at The Wright State Campus, which fee shall be in lieu of the heretofore contemplated allocation of the registration fee for application to the Project. Such Student Center Fee shall be collected as part of the registration fee or general fee, until otherwise determined by appropriate authority, but is hereby specifically allocated therefrom on a pro-rata basis and shall be immediately earmarked for the purposes and applied as herein provided.

Section 3. Application of Student Center Fees. Following collection, all Student Center Fees shall be transferred to the account established for the Project pursuant to the Note Resolution and shall be deposited, invested and applied to the costs of the Project as provided with respect to note proceeds in the Note Resolution, any portion thereof not needed for costs of the Project shall be applied to the payment of the notes authorized by the Note Resolution, and any balance shall be transferred as appropriate to the financing or operations of the Project; all subject, however, to such pledge of said Student Center Fees, then on hand or thereafter collected, as may be made by the Board of Trustees of Wright State University to secure notes or bonds issued by it as referred to in the Note Resolution.

Section 4. Bank Accounts. The Vice President, Business and Finance, of the University is hereby authorized to establish such bank accounts and make, or cause to be made, such deposits thereto and withdrawals therefrom and to give such instructions with respect thereto as he shall from time to time deem advisable in connection with the Note Resolution and this resolution, and this Board does hereby adopt such forms of resolutions as may be required in that connection by any such depository bank.

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

July 14, 1966 meeting, Board of Trustees

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

President Fawcett then presented the following recommendation:

I. Wright State Campus - Food Facility Improvements in Allyn Hall

The Wright State Campus Advisory Committee has sent an urgent request to The Ohio State University to proceed with alterations in Allyn Hall which will provide food service facilities for the Wright State Campus for the Autumn Quarter, 1966.

Funds for this project are to be provided from the financing plan for the Student Activity Center and such monies used will constitute a deduction from funds available for the Center project. No Ohio State University funds are to be used for this purpose.

Because of the urgency expressed in the Advisory Committee action and the necessity to provide these facilities within less than 60 working days, it is clear that an emergency exists and that the only practical method by which the improvements can be accomplished is through the use of force account construction.

It was recommended therefore that the Board of Trustees approve the above request and authorize The Ohio State University, acting for and on behalf of the Wright State Advisory Committee, to proceed on an emergency basis through the State Board of Regents, Department of Finance, Department of Public Works and Controlling Board to secure the necessary approvals to implement a force account project to be known as "Food Facility Improvements in Allyn Hall."

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Charvat, Professor of English; John L. Carruthers, Professor Emeritus of Ceramic Engineering; and Harold K. Crow, Assistant Professor of Dentistry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. William Charvat

The Board of Trustees expresses its sorrow at the death on June 4, 1966, of William Charvat, Professor of English.

Professor Charvat was born July 15, 1905, in New York City. He held degrees from New York University and the University of Pennsylvania. He joined the faculty of The Ohio State University in 1944.

July 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. William Charvat (continued)

Professor Charvat served at The Ohio State University as a member of the Faculty Council, trustee of the Research Foundation, and chairman of the Library Council. He was a general editor of The Centenary Edition of the Works of Nathaniel Hawthorne.

Professor Charvat was a research associate at the Huntington Library in 1943 and received a similar grant for the Library of Congress Studies in American Civilization in 1945. He was a Guggenheim Fellow in 1943-44. In 1952 he was a Smith-Mundt lecturer in American literature at the University of Copenhagen. In 1962-63 he set up for Harvard University a chair of American literature at the University of Madrid.

Professor Charvat was a member of the editorial board of American Quarterly and American Literature. He served as chairman of the American Literature Group of the Modern Language Association; and he was a member of the Committee on International Exchange, the Fulbright Committee on Lectureships in American Studies, and the Grants-in-Aid Committee of the American Council of Learned Societies. He was president of the American Studies Association for 1962-63.

Professor Charvat delivered the Rosenbach Lectures at the University of Pennsylvania in 1958, which were published the following year as Literary Publishing in America, 1790-1850. He was co-editor of The Cost on Books of Tickner and Fields (1949). He was co-author of an influential text, Prentice-Hall Handbook for Writers (4th edition, 1965).

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. John L. Carruthers

The Board of Trustees expresses its sorrow at the death on July 5, 1966, of John L. Carruthers, Professor Emeritus of Ceramic Engineering.

Professor Carruthers was born in Lafayette, Colorado, on July 25, 1895. He received the degree of Bachelor of Ceramic Engineering from The Ohio State University in 1921, and he was employed by the Denver Terra Cotta Company and Harrop Ceramic Service Company of Columbus from 1921 to 1925. He was appointed Assistant Professor in the Department of Ceramic Engineering in 1925 and was successively Associate Professor, Professor and Chairman of the Department. He was at one time a member of the committee of three who administered the activities of the Engineering College during a vacancy in the Deanship.

July 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. John L. Carruthers (continued)

Professor Carruthers had a distinguished career of service in the American Ceramic Society, holding various divisional offices, and served as President of the Society in 1940-1941. He was a founder of the National Institute of Ceramic Engineers and served as President of that group in 1939-40. He was Manager of the Edward Orton, Jr. Ceramic Foundation from 1944 to 1964, and Trustee of that organization from 1946 to 1957.

Professor Carruthers was a registered Professional Engineer and a member of the following organizations: Society for the Promotion of Engineering Education, Association of Ceramic Educators, Ohio Ceramic Industries Association, Sigma Xi and Keramos.

Professor Carruthers is remembered by those who studied under him as an exacting but inspiring teacher. He was a competent engineer and the ceramic industry owes much of its engineering advancement during the last forty years to his contributions in the areas of factory design and heat processing equipment.

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.

C. Harold K. Crow

The Board of Trustees expresses its sorrow at the death on June 28, 1966, of Harold K. Crow, Assistant Professor of Dentistry.

Professor Crow was born in Cumberland, Ohio, on April 28, 1901. He attended the College of Agriculture at The Ohio State University before entering the College of Dentistry from which he was graduated with the degree of D. D. S. in 1930.

Professor Crow served as an Instructor in the Dental Clinic of the College of Dentistry from 1930 to 1942 when he was appointed Assistant Professor of Clinical Dentistry, a title which he held at the time of his death. He also conducted an active general practice of dentistry at Worthington, Ohio, during this time.

Dr. Crow was a member of The Columbus Dental Society; Ohio State Dental Association; American Dental Association; Omicron Kappa Upsilon, dental honor society and Psi Omega, dental fraternity. He served as a member of the Board of Education in the Worthington Public Schools and a trustee of the Worthington Presbyterian Church.

Professor Crow had a talent for guiding and inspiring students and gave them a sense of personal interest and friendship.

July 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Harold K. Crow (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.

* * *

XII. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 17, 1966

It was reported for information and the record that the Ohio Board of Regents at its meeting on June 17, 1966:

- (1) Awarded to The Ohio State University seven Regents' Professorships for 1966-67 on behalf of the following members of the faculty:
 - (a) Professor Melvin Newman, Department of Chemistry
 - (b) Professor Melville Wolfrom, Department of Chemistry
 - (c) Professor Robert M. Zollinger, Department of Surgery
 - (d) Professor Morgan L. Allison, College of Dentistry
(Division of Oral Surgery and Anesthesia)
 - (e) Professor John W. Black, Department of Speech
 - (f) Professor Glenn A. Fry, School of Optometry
 - (g) Professor Oskar Seidlin, Department of German

The first three Regents' Professors named above are renewals from 1965-66. Pursuant to the above action, The Ohio State University will receive a supplemental appropriation of State funds in the amount of \$175,000.00 to support the above Regents' Professorships.

- (2) Approved the following four proposals submitted by The Ohio State University under Title I of the Higher Education Act of 1965 (Community Service and Continuing Education Programs).

<u>Program Title</u>	<u>Amount of Grant</u>
(a) Management development program for government officials under direction of the College of Commerce and Administration	\$62,550.00
(b) An instructor training program for instructors in the water and wastewater operator training program under direction of the University's Water Resources Center	21,564.00

July 14, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 17, 1966 (continued)

<u>Program Title</u>	<u>Amount of Grant</u>
(c) Workshop on zoning innovations for community officials and attorneys under direction of City and Regional Planning Division of the School of Architecture	\$ 2,590.00
(d) An urban pollution clinic for municipal and other local administrators on air, water and solid waste pollution abatement procedures under direction of the University's Water Resources Center	2,925.00
(3) Authorized the release of \$25,000.00 to The Ohio State University for the purpose of making a study of and report on economic growth and industrial expansion through university-related research in Central Ohio. The report will cover the following areas:	
(a) A study of the research interests in which the industries look to the institutions of higher education for assistance.	
(b) An assessment of the capabilities of the various institutions of higher education in central Ohio to meet these industry needs.	
(c) Development of the strategy of university-industry relationships concerned with economic growth and industrial expansion.	
(d) Development of a program designed to meet the desired general objective of economic growth and industrial expansion.	
(e) Recommendation of physical facilities and operating budgets for the support of the proposed program.	

The above report was accepted by unanimous consent, and the Secretary was instructed to include the report in the minutes of this meeting.

B. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during 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. Report on Highlights of Campus Activities (continued)

1. Summer Quarter enrollment at The Ohio State University continued its upward trend with approximately 15,000 registered for summer 1966. In 10 years Summer Quarter attendance has more than doubled. It was 6,983 in 1956. The sizeable summer enrollment increases reflect definite accomplishment in the University's drive to provide equal educational opportunities for each of the four quarters, which are now each 11 weeks long.
2. As President of the Ohio College Association, President Fawcett has appointed a "Blue Ribbon" Committee to investigate possibilities for inter-institutional cooperation among members of the Association, and Vice President John E. Corbally, Jr. has been named as Chairman.
3. Governor James A. Rhodes used a specially-designed vibrating shovel to help Ohio State break ground for its new \$3.1 million Systems Engineering Building on Wednesday, June 27. The special ground-breaking shovel used in the program was developed by Ohio State welding department engineers to illustrate their current research on applications of ultrasonic energy to highway construction.
4. A significant event took place amid all the usual color of Ohio State's Spring Quarter Commencement on June 14. The 3,300 seniors and graduate students receiving degrees included the recipient of the 150,000th degree granted by this institution in less than 100 years. The degree, a Bachelor of Arts, went to Harry J. Halliday of Powell, Ohio. It was 77 years before Ohio State awarded its 100,000th degree in 1955. The 125,000th degree was given in 1961.
5. Ohio State electrical engineers, using an array of four 30-foot saucer antennas, tracked the seven communications satellites launched into a 20,000-mile high equatorial orbit by one Titan 3 rocket on June 16. Their signals were picked up at about 6 p. m. , June 17, and were tracked until about midnight.
6. A quality control test for asbestos brake linings of automobiles, which duplicates in about 12 minutes the braking power used in thousands of miles of driving, has been developed by a team of Ohio State University mechanical engineers. The work was performed at Ohio State by Professors S. M. Marco, Truman Foster, and Walter L. Starkey.

C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated June 30, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

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July 14, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, September 8, 1966, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 2, 1966

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The Recipients of the Distinguished Service Awards

HENRY L. WAGNER

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Loyal Alumnus and Effective Leader of Development Fund Programs

Henry L. Wagner has made a lasting contribution to The Ohio State University as a dedicated campaigner for the Development Fund and as an able contributor to the leadership of the Development Fund Board of Directors. His loyalty, hard work, and enlightened counsel have helped the development endeavors of this University grow and mature from modest beginnings to the major role they now play in support of the teaching and research programs.

Mr. Wagner received the Bachelor of Science degree in Business Administration from this University in 1926. Over the years, despite the growing responsibilities of his business career, Mr. Wagner has served his community and his alma mater in a variety of ways.

He began working for the Development Fund during its first campaign and he has been actively involved ever since. Mr. Wagner was area agent for the 1951 campaign in Franklin County and was also appointed to the Development Fund Board of Directors that same year. He served as general chairman of the Fund campaign in 1954, and in 1956 he was named chairman of the Development Fund Board of Directors. Since 1958, he has also served with distinction as chairman of the Board's Admissions and Allocations Committee.

A native of New Lexington, Ohio, Mr. Wagner spent 25 years with the Kroger Company in charge of real estate for the Columbus Division. He is now a real estate broker with his own firm.

CHARLEY F. MILLER

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Creative Innovator of Fiscal Programs and Former University Comptroller

Charley F. Miller served The Ohio State University with exceptional skill and dedication for nearly four decades. During those years, as assistant comptroller and comptroller, he was responsible for major innovations which laid the foundation for the University's present accounting system, its auditing program, and its budgeting procedures.

Under Mr. Miller's leadership, Ohio State was one of the first universities to introduce machine techniques to its accounting operation. He initiated a study of capital costs in higher education and also expressed early interest in measuring educational costs on a per-student basis long before the essential importance of these kinds of information to University budgeting was generally recognized.

As comptroller, he prepared and administered budgets on a sound, conservative basis, refusing to approve new programs unless the source of funds was certain. A man of impeccable integrity, unstinting in his efforts in behalf of Ohio State, Mr. Miller was admired and respected by his University associates and by his colleagues in the several national business organizations in which he served actively and was an influential leader.

Mr. Miller's great ability to assimilate new methods and techniques, while retaining those old procedures which met the test of time, made him ideally suited to the challenge of providing this University with effective budgetary practices during its period of greatest growth and change. To Mr. Miller must go a great share of the credit for creating a fiscal framework which insures that the individual endeavors of faculty, students, and staff are advanced smoothly and efficiently. During his long and productive career, Charley F. Miller has made a significant and lasting contribution to The Ohio State University.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Quazi Anwaruddin Ahmed.....Dacca, East Pakistan
B.Sc., M.Sc. (University of Dacca)
Dissertation: Part I. The Reactions of 2-Oximino-Cholesta-4, 6-Diene-3-One Part II. The Alkaloidal Constituents of *Tabernaemontana Rigida*
Field of Specialization: Chemistry
- James Efstathios Alatis.....Alexandria, Va.
A.B. (West Virginia University); M.A.
Dissertation: The American English Pronunciation of Greek Immigrants: A Study in Language Contact with Pedagogical Implications
Field of Specialization: English
- John David Anderson, Jr.....Pensacola, Fla.
B.A.E. (University of Florida)
Dissertation: The Effect of Radiative Emission and Self-absorption on the Flow Field and Heat Transfer Behind a Reflected Shock Wave in Air
Field of Specialization: Aeronautical and Astronautical Engineering
- Ruth Thompson Anderson.....Brookline, Mass.
B.Sc. in Edu., M.A.
Dissertation: A Study of the Career of Theodore II, Emperor of Ethiopia, 1855-1868
Field of Specialization: History
- William Averette Anderson.....Akron
B.A. (University of Akron); M.A. (Kent State University)
Dissertation: Disaster and Organizational Change: A Study of the Long-Term Consequences of the March 27, 1964, Alaska Earthquake
Field of Specialization: Sociology and Anthropology
- Joseph Thomas Bailey.....Clemson, S. C.
B.S., M.S. (Clemson University)
Dissertation: Kinetics of Formation and Properties of Magnesia-Alumina Spinel
Field of Specialization: Ceramic Engineering
- Philip Acton Barker.....Salem, Ore.
B.S. (Pennsylvania State University); M.Sc.
Dissertation: Effects of Wood Fragment Mulches and Differential Supplies of Nitrogen on the Growth and Chemical Composition of *Feijoa sellowiana*, *Ligustrum japonicum*, and Two Clones of *Chrysanthemum morifolium*
Field of Specialization: Horticulture and Forestry
- Stockton Gordon Barnett III.....Butler, N. J.
B.A. (Dartmouth College); M.S. (State University of Iowa)
Dissertation: Late Cayugan and Helderbergian Stratigraphy of South-eastern New York and Northern New Jersey
Field of Specialization: Geology
- Doratheia Karow Beard.....Stevens Point, Wis.
B.A. (Wellesley College); M.S. (University of Wisconsin)
Dissertation: The Salon of 1824
Field of Specialization: Art

- John Warren Bennion.....Salt Lake City, Utah
 B.S., M.A. (University of Utah)
Dissertation: The Formation of Federal Educational Policy in the
 Elementary and Secondary Education Act of 1965
Field of Specialization: Education
- Madelyn Ute Bergen.....Hartville
 B.A. (Hartwick College); M.A. (University of Arizona)
Dissertation: The Sachsenspiegel: Preliminary Studies for a Transla-
 tion
Field of Specialization: History
- William Edwin Bettridge.....Worthington
 A.B. (Capital University); M.A.
Dissertation: Griselda: Arne-Thompson Tale Type 887: Analogues of
 Chaucer's "Clerk's Tale"
Field of Specialization: English
- Wilma Walker Bidwell.....Orlando, Fla.
 A.B. (San Francisco State College); A.M. in Edu. (George Washington
 University)
Dissertation: A Study of Openness as a Factor in the Human Relations
 Training of Preservice Teachers
Field of Specialization: Education
- John Charles Birkimer.....Parma Heights
 B.A., M.A.
Dissertation: Sensory Preconditioning and Higher Order Conditioning
 with Discriminative Stimuli in Instrumental Reward Learning
Field of Specialization: Psychology
- Fred Clinton Bock II.....Akron
 B.A. (University of Akron); M.A.
Dissertation: A Scheme for Arena Theatre Lighting Grid Design in
 Terms of Grid Spacing, Walkway Space, and Masking by Louvres
Field of Specialization: Speech
- James William Boss.....Philadelphia, Pa.
 B.S. in Chem. (University of Pennsylvania)
Dissertation: Rational Approximations in Crystal Structure Analysis
Field of Specialization: Chemistry
- Andre Joseph Bouchard.....Ste-Foy, Que., Canada
 B.S.A. (Laval University); M.S. (Cornell University)
Dissertation: Training Needs of County Agricultural Extension Agents
 in Quebec, Canada
Field of Specialization: Agricultural Education
- Olin Capron Braids.....Durham, N. H.
 B.A., M.S. (University of New Hampshire)
Dissertation: A Study of the Lipid Fraction of Rifle Peat
Field of Specialization: Agronomy
- Isaac Leon Brandon.....York, S. C.
 B.S., M.S. (Clemson University)
Dissertation: Reaction Kinetics in the Solid-State Formation of Zinc
 Orthosilicate
Field of Specialization: Ceramic Engineering
- Paul Robert Brink.....Indianapolis, Ind.
 B.M. (Butler University); M.A.
Dissertation: The Archicembalo of Vicentino
Field of Specialization: Music

- Helen Hale Briwa.....Fort Collins, Colo.
 B.S. (Skidmore College); M.S. (Smith College)
Dissertation: A Study of the Comparative Effectiveness of Five-Foot Skis and Skis of Regular Length in Teaching Beginning Skiers
Field of Specialization: Physical Education
- Bill Ray Brubaker.....Sapulpa, Okla.
 B.S. in Edu., M.A. (Southern Illinois University)
Dissertation: The Political Appointment of American Writers
Field of Specialization: English
- Seymour Hirsch Cabin.....Chicago, Ill.
 B.S. (University of Illinois); M.A. (Bowling Green State University)
Dissertation: Ego Identity Status: A Laboratory Study of the Effects of Stress and Levels of Reinforcement upon Self and Peer Evaluations
Field of Specialization: Psychology
- Wayne M. Carle.....Orem, Utah
 B.A., M.E. (Brigham Young University)
Dissertation: Regional Production, Distribution, and Utilization of Instructional Television Programs: A Critical Assessment
Field of Specialization: Education
- Sambhudas Chaudhuri.....Burdwan, West Bengal, India
 B.Sc. (Calcutta University); M.Sc. (Jadavpur University); A.M. (Indiana University)
Dissertation: The Geochronology of the Keweenaw Rocks of Michigan and the Origin of the Copper Deposits
Field of Specialization: Geology
- Edward Coates.....Middleport, N. Y.
 B.S. in Ed. (State University College, Cortland, New York); M.A. (Columbia University)
Dissertation: The Relationship of the Ohio State University Physical Education Index to Achievement
Field of Specialization: Physical Education
- Richard Jennings Colchin.....Fort Wayne, Ind.
 B.S. (Purdue University); M.S. (University of Washington)
Dissertation: Studies of a Tenuous Crossed-Field Plasma Contained in a Magnetic Bottle
Field of Specialization: Physics
- Harold Douglas Covington.....Wellington
 B.S. (Central State College); M.A.
Dissertation: A Comparative Study of Children's Perceptions of Parental Acceptance and Their Educational Success
Field of Specialization: Education
- David Truman Crary.....Upper Sandusky
 B.Sc. in Bus. Adm., M.B.A.
Dissertation: An Analysis of the Interrelationships of Leverage, Taxation, and the Cost of Capital
Field of Specialization: Business Organization
- Darrell Crase.....Kingscreek, Ky.
 B.A. (Berea College, Kentucky); M.S. (University of Tennessee)
Dissertation: An Analysis of Professional Interests and Attitudes of Male Physical Education Teachers in the Public Secondary Schools of Ohio
Field of Specialization: Physical Education
- Joanna Davenport.....Marblehead, Mass.
 B.S. (Skidmore College); M.S. (Smith College)
Dissertation: The History and Interpretation of Amateurism in the United States Lawn Tennis Association
Field of Specialization: Physical Education

- Maynette Derr.....Alameda, Calif.
 B.S., M.S. (Texas Technological College)
Dissertation: Comparison of Home Economics Graduates and Drop-
 outs from the Freshman Classes of 1959 and 1962
Field of Specialization: Home Economics
- Charles Wesley Dohner.....Columbus
 B.S., B.Ed. (Seattle Pacific College); M.S. (Kansas State Teachers
 College)
Dissertation: The Relation of Non-intellective Factors to the Aca-
 demic Achievement of College Freshmen at The Ohio State University
Field of Specialization: Education
- Barbara Bender Dreher.....New Carlisle
 B.A. (University of Connecticut); M.A. (University of Illinois)
Dissertation: The Prediction of Children's Narrative and Directive
 Language
Field of Specialization: Speech
- George Eley, Jr.....Columbus
 B.Sc. in Edu., M.Edu.
Dissertation: The Differentiating Effect of a Questionnaire Based on
 Learning Perspectives
Field of Specialization: Education
- Louis Elfenbaum.....Winnipeg, Man., Canada
 B.S. (Bemidji State College, Minnesota); M.S. (University of North
 Dakota)
Dissertation: The Physiological Effects of Rapid Weight Loss Among
 Wrestlers
Field of Specialization: Physical Education
- Ronald Allan Engel.....Ashtabula
 B.S. (Baldwin-Wallace College); M.Sc.
Dissertation: Accumulation and Metabolism of DDT in the Crayfish
Orconectes Rusticus (Girard)
Field of Specialization: Zoology and Entomology
- Jeffery Graham Fairbrother.....Worthington
 B.Sc. (hons.) (University of New South Wales)
Dissertation: Volatile Flavor Compounds Involved in the Processing
 of Snap Beans (*Phaseolus Vulgaris* L)
Field of Specialization: Horticulture and Forestry
- Robert Bernard Fechter.....South Euclid
 A.B. (Western Reserve University)
Dissertation: Approaches to the Synthesis of 1, 2-Diphenyl-3, 4, 5,
 6-Tetrabrombenzocyclobutadiene
Field of Specialization: Chemistry
- Thomas Lee Feldbush.....Canton
 B.S. (Mount Union College); M.Sc.
Dissertation: Serologic Characterization of Antibodies to Ribonucleic
 Acid
Field of Specialization: Microbiology
- Anthony William Fiore.....Dayton
 B.S. in A.E., M.S. (University of Cincinnati)
Dissertation: An Investigation of Aerodynamic Controls at Hyper-
 sonic Mach Numbers
Field of Specialization: Aeronautical and Astronautical Engineering
- Carol Mae Fisher.....Springfield
 B.S. in Edu. (Wittenberg University); M.A. in Ed. (Ball State
 Teachers College)
Dissertation: A Personal Approach to Curriculum Theory
Field of Specialization: Education

- Edwin Clement Foudriat.....Hampton, Va.
 B.S. (University of Illinois); M.Sc.
Dissertation: Analysis of the Design Procedures and Performance Predictions for Parameter Identification Systems Which Use Regression Techniques
Field of Specialization: Electrical Engineering
- Carol Shollenberger Fought.....Columbus
 B.S. (Pennsylvania State University); M.A. (Ed.) (Long Beach State College)
Dissertation: The Historical Development of Continuing Education for Women in the United States: Economic, Social, and Psychological Implications
Field of Specialization: Education
- Kentner Von Fritz.....Ames, Ia.
 B.S. (Iowa State University); M.A.
Dissertation: An Investigation into the Functional Relationships Underlying the Setting of Two Factor Analysis Termination Criteria
Field of Specialization: Psychology
- Stephen Warner Gilby.....Lebanon
 Met.E. (University of Cincinnati)
Dissertation: Determination of the Relative Thermodynamic Properties of the Iron-Chromium-Nickel System at Temperatures Near 1600°C
Field of Specialization: Metallurgical Engineering
- Tanwir Jehan Gorgani.....Karachi, Pakistan
 B.A., M.A., B.T., (University of Karachi); M.A.
Dissertation: Guidelines for Secondary School Curriculum Development in Pakistan
Field of Specialization: Education
- Malcolm Anstett Griffith.....Cincinnati
 A.B. (Oberlin College); M.A., M.A.
Dissertation: The Grotesque in American Fiction
Field of Specialization: English
- Sister Mary Evan Griffith.....Salina, Kans.
 B.S. in H.E. (Kansas State University); M.S. (Iowa State University)
Dissertation: A Study of the Small Home Economics Departments in the Catholic Liberal Arts Colleges in Relation to the American Home Economics Association's Proposals for Accreditation
Field of Specialization: Home Economics
- Barry Edward Gross.....Great Neck, N. Y.
 B.A. (City College, New York); M.S. (Cornell University)
Dissertation: The Novels of F. Scott Fitzgerald: "The Dominant Idea"
Field of Specialization: English
- Pensri Guptavanij.....Bangkok, Thailand
 B.S. (Chulalongkorn University); M.D. (University of Medical Sciences); M.Sc.
Dissertation: Post-Emergence Changes of the Oesophageal Diverticula in *Aedes triseriatus* (Say) (Diptera: Culicidae)
Field of Specialization: Zoology and Entomology
- Gordon Blaine Harding.....Shelbyville, Mich.
 B.S. (Western Michigan University); M.A.
Dissertation: Conditioned Inhibition in Eyelid Conditioning
Field of Specialization: Psychology
- Donald DeWayne Harper.....East Palo Alto, Calif.
 B.Sc. in Edu., M.A.
Dissertation: Effect of Interval and Conventional Training Programs on Fitness in Man
Field of Specialization: Physical Education

- Roger Davis Harrold.....Coshocton
 B.C.E., M.B.A.
Dissertation: The Control of Student Extracurricular Life in American Higher Education
Field of Specialization: Education
- Richard Blair Hartman.....Athens
 B.S. (Ohio University)
Dissertation: Photochemical and Ground State Reactions of Some Epoxycarbonyl Compounds
Field of Specialization: Chemistry
- Patrick Joseph Hawkins.....Storrs, Conn.
 B.A.Sc. (University of Toronto); M.Sc.
Dissertation: Stability Study of Nonlinear Sampled Data Systems
Field of Specialization: Electrical Engineering
- Jan Lawson Hinely.....Wichita Falls, Tex.
 B.A. (Midwestern University); M.A.
Dissertation: The Sonnet Sequence in Elizabethan Poetry
Field of Specialization: English
- Lyman Sanford Holden.....Alton, Ill.
 A.B. (Oberlin College); M.A.
Dissertation: Motivation for Certain Theorems of the Calculus
Field of Specialization: Education
- John Edward Hopkins.....Columbus
 B.A. (Bethany College); M.A.
Dissertation: A National Survey of Collective Negotiations in Public School Systems with Advanced Negotiation Agreements
Field of Specialization: Education
- Gary S. Horowitz.....Hollis, N. Y.
 B.A. (City College, New York); M.A.
Dissertation: New Jersey Land Riots, 1745-1755
Field of Specialization: History
- Rodger Doak Humm.....Zanesville
 B.Sc., M.A.
Dissertation: Response Inhibition as a Function of Interstimulus Interval, Stimulus Intensities, and Relationship Between Responses
Field of Specialization: Psychology
- Roger Griffith Iddings.....Taylor, Mich.
 A.B. (Hanover College); M.Ed. (Wayne State University)
Dissertation: A Comparison of the Effectiveness of Selected Physical Science Courses for Non-Science Majors
Field of Specialization: Education
- Laurence Wile Jacobs.....Columbus
 B.S. (University of Pennsylvania); M.B.A.
Dissertation: Advertising Objectives: Proper Setting and Use
Field of Specialization: Business Organization
- James Pence James.....St. Charles, Ill.
 B.A. (Northern Illinois University); M.S. (Oklahoma State University)
Dissertation: Effectiveness of Learned Reinforcement as a Function of Primary Reward Percentage and Number of Primary Pairings
Field of Specialization: Psychology
- Thomas Otto Karst.....Toledo
 B.Sc. in Edu., M.A.
Dissertation: The Imitation of Aggressive and Affectionate-Affiliative Behavior as a Function of Children's Personality Characteristics
Field of Specialization: Psychology

- Stanley Broughton Kay.....Lakewood
 A.B. (Western Reserve University); A.M. (University of Michigan)
Dissertation: Kant on the Existence of God: From the Beweisgrund to the Critical Philosophy
Field of Specialization: Philosophy
- Divaker Bhalchandra Kenkare.....Mahim, India
 B.Sc. (University of Poona); M.Sc.
Dissertation: Changes in the Alpha-Casein Complex at Elevated Temperatures
Field of Specialization: Dairy Technology
- Jack Ellis Kile.....North Canton
 B.S. in Edu. (Ashland College); M.A.
Dissertation: Predicting Consonantal Responses to Filtered Syllables
Field of Specialization: Speech
- Richard Hughes Kindsvatter.....Steubenville
 B.Sc. in Edu., M.A.
Dissertation: The Dynamics of Change in Marking Systems in Selected Innovative and Non-innovative High Schools of Ohio
Field of Specialization: Education
- Algin Braddy King.....Williamsburg, Va.
 B.A. (University of South Carolina); M.S. in Ret. (New York University)
Dissertation: The Marketing of Phonograph Records in the United States: An Industry Study
Field of Specialization: Business Organization
- Norman William King.....Columbus
 A.B. (Capital University); M.A.
Dissertation: Task Selection Following Failure Relative to the Motive to Succeed and Personal Competence
Field of Specialization: Psychology
- Jerome Alan Kramer.....Barberton
 A.B. (John Carroll University)
Dissertation: Milton Biography in the Romantic Era
Field of Specialization: English
- June Marie Krutza.....Charleston, Ill.
 B.A. (Manchester College); A.M.T., M.F.A. (Indiana University)
Dissertation: Lithium in Stoneware Glazes
Field of Specialization: Fine Arts
- Robert Leland Lair.....Gloversville, N. Y.
 B.A., M.A. (Bob Jones University); M.A. (Middlebury College)
Dissertation: Emily Dickinson's Fracture of Grammar
Field of Specialization: English
- Charles William Lamb.....Oberlin
 A.B. (Oberlin College); M.A.
Dissertation: Forms of Need for Variety: Differential Expression Following Arousal and Boredom
Field of Specialization: Psychology
- Richard Ralph Lanese.....Columbus
 B.A., M.A.
Dissertation: Expectancy for Delayed Reward, Situational Trust, and Responses to Temptation
Field of Specialization: Psychology

- Shung-Yan Lee.....Hong Kong, China
 B.S. (University of Wisconsin); M.Sc.
Dissertation: Kinetics and Mechanisms of the Reactions of Hydrazoic Acid with Aliphatic and Alicyclic Carboxylic Acids
Field of Specialization: Chemistry
- Duane Henry Lipe.....Lincoln, Neb.
 A.B. (Nebraska Wesleyan University); M.A.
Dissertation: Physiological and Attitudinal Responses to Variation in Arousal Stimulation in Negotiation
Field of Specialization: Psychology
- Ying-Hsin Liu.....Chilung, Taiwan, China
 B.Sc. (Taiwan Provincial Cheng Kung University); M.Sc.
Dissertation: Diffusion-induced Defect Interaction in the Gold-Silver System
Field of Specialization: Metallurgical Engineering
- Ernest Eugene Lohman.....Norwalk
 B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: A Study of the Effect of Pre-Service Training in Interaction Analysis on the Verbal Behavior of Student Teachers
Field of Specialization: Education
- James Rolf Lowry.....Mansfield
 B.Sc. in Bus. Adm., B.Sc. in Edu., M.B.A.
Dissertation: An Evaluation of the Current Status and Future Outlook of Leased Departments as an Important Aspect of Discount Merchandising
Field of Specialization: Business Organization
- John Stevens Lytle.....Batavia
 B.Sc. in Agr., M.Sc.
Dissertation: An Optimal Pattern of Shipment for Grain in Ohio with Projections to 1970
Field of Specialization: Agricultural Economics and Rural Sociology
- Ralph Anthony Maggio.....Pittsburgh, Pa.
 A.B. (Boston University); M.S. (Rutgers University); M.B.A. (University of Pittsburgh)
Dissertation: A Simulation Model for Open Hearth Steelmaking
Field of Specialization: Business Organization
- Robert Bruce Mahaffey.....Worthington
 B.A., M.A.
Dissertation: A Computer Method for Spectral Analysis of Time Series in Speech
Field of Specialization: Speech
- Michael Charles Malmisur.....Kent
 A.B. (Heidelberg College); M.Ed. (Bowling Green State University)
Dissertation: Selected Physical Characteristics of Junior Davis Cup Players and Their Relation to Success in Tennis
Field of Specialization: Physical Education
- Theresa Mary Malumphy.....Richmond, Mass.
 B.S. in Ed. (State College at Bridgewater); M.S. (University of Wisconsin)
Dissertation: The Personality and General Characteristics of Women Athletes in Intercollegiate Competition
Field of Specialization: Physical Education
- Jerome Herbert Mandel.....University Heights
 A.B. (Oberlin College); M.A.
Dissertation: Studies in the Structure of Old English Poetry
Field of Specialization: English

- Clyde Van Marion.....Cleveland
 B.S. (Kent State University); M.Sc.
Dissertation: Oxidation of Sodium Lauryl Sulfate, Alkyl Benzene Sulfonate and Chemically Related Compounds by *Alcaligenes Faecalis*
Field of Specialization: Microbiology
- Peter Howard Martorella.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Arrangement of Content in a Secondary United States History Course: A Concept-oriented Model
Field of Specialization: Education
- Gilbert Lander Mathis.....Lawrenceburg, Ky.
 B.S. in Agr., M.S. in Ed. (University of Kentucky)
Dissertation: Managerial Perception and Success in Farming
Field of Specialization: Agricultural Education
- Shyam Lal Mathur.....Sojatcity, Rajasthan, India
 B.Sc., M.Sc. Ag. (University of Rajasthan)
Dissertation: The Role of Cooperative Extension Personnel and Advisory Committees in the Adoption of Program Innovations
Field of Specialization: Agricultural Education
- LaVerne Joseph Meconi.....Williamsport, Pa.
 B.S. in Edu. (West Chester State College, Pennsylvania); A.M. (University of Pennsylvania)
Dissertation: An Experimental Study of Concept Learning and Retention in Mathematics.
Field of Specialization: Education
- Robert Leon Meeks II.....Ashland
 B.S. (Michigan State University); M.Sc.
Dissertation: The Cycling of Chlorine-36 Ring-labeled DDT in a March Ecosystem
Field of Specialization: Zoology and Entomology
- Fred William Meitzer.....Akron
 B.A., M.A. (Kent State University)
Dissertation: The Duluth Playhouse: A Case Study in Community Theatre Structure, Policy, and Practice
Field of Specialization: Speech
- Rudy Chris Melfi.....Columbus
 B.A., D.D.S., M.Sc.
Dissertation: The Prenatal Development of the Human Mandible and Temporomandibular Joint (Role and Fate of Meckel's Cartilage)
Field of Specialization: Anatomy
- Merrill Jay Melnick.....New York, N. Y.
 A.B. (Hunter College); M.Ed. (Pennsylvania State University)
Dissertation: The Effects of Overlearning on the Retention of a Gross Motor Skill
Field of Specialization: Physical Education
- Allan Reed Millett.....Oxford
 B.A. (DePauw University); M.A.
Dissertation: The Politics of Intervention: The Military Occupation of Cuba, 1906-1909
Field of Specialization: History
- Robert Charles Mings.....Hammond, Ind.
 B.S. in Ed., A.M.T. (Indiana University)
Dissertation: The Role of the Commonwealth Government in the Growth and Development of the Puerto Rico Tourist Industry
Field of Specialization: Geography

- Edwin Lewis Morse.....Wildwood Crest, N. J.
 A.B. (Wittenberg University); M.A.
Dissertation: An Exploratory Study of Personal Identity Based on the
 Psychology of Personal Constructs
Field of Specialization: Psychology
- Rowe Leigh Mortimer.....Jefferson City, Mo.
 A.B., A.M. (University of Missouri)
Dissertation: Verbal Aggression in Adolescent Delinquents as a
 Function of Hostility-Guilt and Verbal Attack by Competitor
Field of Specialization: Psychology
- David Victor Myton.....Springfield
 B.R.E. (Malone College); B.A. (Youngstown University); M.Ed.
 (University of Pittsburgh)
Dissertation: The Development of Evaluation in Modern Christian
 Education
Field of Specialization: Education
- Mohamed Adnan Najjar.....Hama, Syria
 B.A. (Damascus University); M.B.A.
Dissertation: Planning in Small Manufacturing Companies: An Em-
 pirical Study
Field of Specialization: Business Organization
- †Taki Negas.....Oxford
 A.B. (Washington University); M.S. (Miami University)
Dissertation: Phase Equilibria Studies in the Systems PbO-Cr₂O₃-O₂
 and PbO-SrO-O₂
Field of Specialization: Mineralogy
- David Leigh Nichols.....Orono, Me.
 B.A., M.A. (University of Maine)
Dissertation: The Relative Impact on Student Teacher Behavior of
 Two Patterns of Organization for Student Teaching
Field of Specialization: Education
- Richard L. Ober.....Garrett, Ind.
 B.S. (Manchester College)
Dissertation: Predicting Student Teacher Verbal Behavior
Field of Specialization: Education
- Edward Carl Olson.....Columbus
 B.A. in Ed. (Arizona State University); M.A. (Northwestern Univer-
 sity)
Dissertation: Identification of Personality Differences Among Male
 Tennis Champions
Field of Specialization: Physical Education
- Jack Roger Olson.....Portland, Ore.
 B.A. (Pacific University); M.S. (Oregon College of Education)
Dissertation: A Factor Analytic Study of the Relation Between the
 Speed of Visual Perception and the Language Abilities of Deaf
 Adolescents
Field of Specialization: Speech
- Richard Dale Osborne.....Springfield
 B.S. in Ed. (Wittenberg University); M.A.
Dissertation: The Theoretical Writings of Abbè Pierre-Joseph Rous-
 sier
Field of Specialization: Music
- Randolph Harvey Ott.....Columbus
 B.S.E.E. (University of Wisconsin); M.Sc.
Dissertation: The Scattering by a Two-dimensional Periodic Array of
 Plates
Field of Specialization: Electrical Engineering

† Degree granted in cooperation with Miami University

- Norman Vance Overly.....Jefferson
 B.S. in Edu., M.A. (Kent State University)
Dissertation: The Development of a System for the Classification of
 Learner Behavior Possibilities
Field of Specialization: Education
- Aristobulo V. Pardó.....Bogota, Colombia
Dissertation: Esquema Morfológico del Leonés Antiguo en el Fuero
 de Zamora
Field of Specialization: Romance Languages
- Louis Patsouras.....Akron
 B.A., M.A. (Kent State University)
Dissertation: Jean Grave: French Intellectual and Anarchist, 1854-
 1939
Field of Specialization: History
- Robert Ellis Patterson.....Cambridge
 B.A. (Muskingum College); B.Sc. in Edu., M.A.
Dissertation: Thomas Sheridan: Pioneer in British Speech Technology
Field of Specialization: Speech
- Michael James Patton.....Payette, Idaho
 B.S. (Ed.) (University of Idaho); M.A.
Dissertation: Attraction, Discrepancy, and Responses to Psychological
 Treatment
Field of Specialization: Psychology
- Joseph James Pear.....University Park, Md.
 B.S. (University of Maryland); M.A.
Dissertation: A Free-Operant Test of Response Transfer
Field of Specialization: Psychology
- Samuel Frank Pisano.....Sunnyvale, Calif.
 A.B. (San Jose State College); M.A.
Dissertation: The Modeling of Defensive Behavior Under Sympathetic,
 Neutral, and Interpretive Conditions
Field of Specialization: Psychology
- Carol Michaels Price.....Washington, Pa.
 A.B. (Marietta College); M.A.
Dissertation: The Effect of Knowledge of the Stimulus Word on the
 Evaluation of Consonantal Sounds
Field of Specialization: Speech
- George Rappaport.....Dayton
 B.S. (University of Miami, Florida); M.Sc.
Dissertation: Chlorophyll a: A Study of Its Aggregation in Carbon
 Tetrachloride
Field of Specialization: Chemistry
- Frederick Duxtater Reese, Jr.....Ridgetown, Ont., Canada
 B.A. (Ohio Wesleyan University); B.Sc. in Edu., M.A.
Dissertation: School-Age Suicide: The Educational Parameters
Field of Specialization: Education
- Eldon Lee Reeves.....Ft. Collins, Colo.
 B.S. in Agr., M.S. (Colorado State University)
Dissertation: Transformation of the Entomophilic *Bacillus Finitimus*
 Heimpel and Angus by the DNA from the Entomophilic *Bacillus*
Thuringiensis Berliner
Field of Specialization: Zoology and Entomology
- Ralph Ressler.....Wayne, N. J.
 B.A., M.A. (Montclair State College)
Dissertation: Recruitment of Industrial Arts Teachers in the State of
 Ohio
Field of Specialization: Education

- Jon Lee Reynolds.....Anthon, Ia.
 B.S. in Edu. (Nebraska State Teachers College); M.A. in Chem.
 (State University of South Dakota)
*Dissertation: Studies of the Mechanisms of Reactions of Organic
 Halides and Lithium*
Field of Specialization: Chemistry
- Rodney Allen Rhoades.....Greenville
 B.S., M.S. (Miami University)
*Dissertation: Metabolic Changes in Animals Exposed to a Helium-Oxy-
 gen Environment*
Field of Specialization: Physiology
- Kenneth Harris Roberts.....New York, N. Y.
 A.B. (Denison University); M.A.
Dissertation: The Lincoln Center Repertory Theatre, 1958-1965
Field of Specialization: Speech
- Margaret Mills Roberts.....Columbus
 B.A., M.A.
Dissertation: The Pronunciation of Vowels in Negro Speech
Field of Specialization: Speech
- Richard Stanley Roberts.....Dayton
 B.B.A. (University of Cincinnati); M.B.A.
Dissertation: Accounting for Industrial Research Expenditures
Field of Specialization: Accounting
- William Joseph Robertson.....Columbus
 B.E.E., M.Sc.
Dissertation: A Low Noise UHF Interferometer
Field of Specialization: Electrical Engineering
- Kent Robinson.....Boone, N. C.
 B.S., M.A. (Appalachian State Teachers College)
*Dissertation: The Professional and Scientific Preparation of Element-
 ary Teachers in North Carolina, 1965-1966*
Field of Specialization: Education
- Edward Browning Roche.....Indianapolis, Ind.
 B.S., M.S. (Butler University)
*Dissertation: Use of the Hückel-MO Theory with the Omega Technique
 in the Study of the Electronic Structure of Sydnones*
Field of Specialization: Pharmacy
- Ward Charles Roman.....Dayton
 B.M.E. (Rensselaer Polytechnic Institute); M.Sc.
*Dissertation: Investigation of Electric Arc Interaction with Aero-
 dynamic and Magnetic Fields*
Field of Specialization: Mechanical Engineering
- David Albert Sabatino.....Frazeysburg
 B.Sc. in Edu., M.A.
*Dissertation: Experimental Tests Designed to Assess the Auditory Per-
 ceptual Function of Neurologically Impaired and Normal Children
 Under Controlled Conditions*
Field of Specialization: Education
- John Alan Seeger.....Pomona, Calif.
 B.A. (Pomona College); M.S. (University of California)
*Dissertation: Magnetic Compression of Axially Symmetric Brillouin-
 focused Electron Beams*
Field of Specialization: Electrical Engineering

- Lowell William Shank.....Scottdale, Pa.
 B.A. (Goshen College); M.Sc.
Dissertation: A Wet Method for Analyzing Gold-Silver Alloys of High Gold Content
Field of Specialization: Chemistry
- Curtis Franklin Sheley, Jr.....Nacogdoches, Tex.
 B.S., M.S. (University of Wisconsin)
Dissertation: Enolization Route to Substituted Cyclopentadienones
Field of Specialization: Chemistry
- Walter Kenneth Sherwin, Jr.....Columbus
 B.A. (University of Notre Dame); M.A.
Dissertation: Reconstruction of the Text of the Archetype and Studies in Method of Composition of the Anonymous De Viris Illustribus
Field of Specialization: Classical Languages
- Charles Simonian.....Los Angeles, Calif.
 B.A. (Fenn College); M.A. (State University of Iowa)
Dissertation: A Descriptive Analysis of Male Freshmen Majoring in Physical Education at The Ohio State University
Field of Specialization: Physical Education
- Devendra Singh.....New Delhi, India
 B.A., M.A. (Agra University)
Dissertation: Resistance to Extinction as a Function of Differential Levels of Drive and Effortfulness of Response
Field of Specialization: Psychology
- Carl Edward Skeen.....Wellston
 B.S. Ed. (Ohio University); M.A.
Dissertation: John Armstrong and the Role of the Secretary of War in the War of 1812
Field of Specialization: History
- David Harold Smith.....Hayesville
 B.Sc. in Edu.; M.A. (Northwestern University)
Dissertation: An Experimental Study of Communication Restriction and Knowledge of the Opponent's Minimum Disposition as Variables Influencing Negotiation Outcomes
Field of Specialization: Speech
- Edgar Ray Smith.....Cape Girardeau, Mo.
 B.S. (Southeast Missouri State College); M.S. (University of Tennessee)
Dissertation: A Comparison of the Learning Difficulty of Forkner Alphabet Shorthand and Gregg Shorthand (DJ)
Field of Specialization: Education
- Roy Emerson Smith.....Platteville, Wis.
 B.S. (Wisconsin State Teachers College, Eau Claire); M.S. (University of Wisconsin)
Dissertation: The Effectiveness of a Procedure for Teaching Quantitative Physical Science in Grades Six Through Eight Which Employs a Conceptual Scheme Involving Dimensional Description Coupled with Unit Operator Analysis
Field of Specialization: Education
- Lorenzo Hess Snow.....Brigham, Utah
 A.B. (Brigham Young University); M.A. (Northwestern University)
Dissertation: Role Relationships and Marital Integration
Field of Specialization: Sociology
- Robert Ray F. Speers.....Sandusky
 B.S. (University of Michigan); M.Sc.
Dissertation: Excess Charge Carrier Lifetime Degradation in Silicon as Caused by Monoenergetic Neutron Irradiation
Field of Specialization: Electrical Engineering

- Ramon Frederick Steinen.....Gates Mills
 B.A., M.A. (New Jersey State Teachers College at Montclair)
Dissertation: An Exploratory Study of the Results of Providing Increased Feedback to Student Teachers of Mathematics
Field of Specialization: Education
- William Sickman Stinson, Jr.....Clinton
 B.Sc. in Agr., M.Sc.
Dissertation: Absorption and Removal of Simulated Fallout (SR⁹⁰) from Potatoes
Field of Specialization: Horticulture
- William Anthony Strauss.....Cleveland
 B.M.E., M.Sc.
Dissertation: Investigation of the Detonation of Aluminum Powder-Oxygen Mixtures
Field of Specialization: Aeronautical and Astronautical Engineering
- Alfred Wright Stuart.....Roanoke, Va.
 B.S. (University of South Carolina); M.S. (Emory University)
Dissertation: The Suburbanization of Manufacturing in a Small Metropolitan Area; Roanoke, Virginia
Field of Specialization: Geography
- David Ira Suchman.....New York, N. Y.
 B.A. (Hobart College); M.A.
Dissertation: Responses of Subjects to Two Types of Interviews
Field of Specialization: Psychology
- Robert Anderson Sweeney.....Roosevelt, N. Y.
 B.S. (State University of New York, Albany); M.Sc.
Dissertation: Some Interactions of Lindane and *Chlorella vulgaris* Beijerinck, *Chlorococcum wimmeri* Rabenhorst, *Chlamydomonas reinhardtii* Dangeard, and *Botrydiopsis alpina* Vischer
Field of Specialization: Botany and Plant Pathology
- Jack Paul Taylor.....Crestline
 B.S. in Edu., M.S. in Edu. (Bowling Green State University)
Dissertation: Community Factors That Affect the Salary Level of the Professional Public School Staff in Ohio Cities of Twenty to Fifty Thousand Population
Field of Specialization: Education
- John McLellan Titchener.....Columbus
 B.A. (Kenyon College); A.M. (University of Michigan)
Dissertation: The Concept of the Sense-Datum in the Perceptual Essays of G. E. Moore
Field of Specialization: Philosophy
- Helmut Meinrad Tribus.....Innsbruck, Austria
Dissertation: Thomas Mann's *Buddenbrooks*
Field of Specialization: German
- Michael George Van Winkle.....Rocky River
 B.Sc., M.Sc.
Dissertation: Production and Serologic Properties of Iso-Antibodies to Human Leukocytes
Field of Specialization: Microbiology
- William John Vastine.....Blanchester
 B.Sc in Agr., M.Sc.
Dissertation: An Analysis of Present and Future Roles of Store Managers and Supervisors in the Retail and Wholesale Food Industry
Field of Specialization: Agricultural Economics and Rural Sociology

- Joseph Vincent Vorsteg, Jr.....Lynn, Mass.
 B.S. (University of Maryland); M.Sc., M.B.A.
Dissertation: The Selection, Periodic Review, and Post-Appraisal of
 Research and Development Projects in American Industry
Field of Specialization: Business Organization
- Jerry Lynn Walke.....Jackson
 B.S. in Ed. (Capital University); M.Ed. (Ohio University)
Dissertation: A Study of the Academic Deanship in Selected Small
 Liberal Arts Colleges, with an Emphasis upon Actual and Ideal Duties
 and Responsibilities as Perceived by the Dean
Field of Specialization: Education
- Bill L Wallace.....St. Louis, Mich.
 B.S., M.A. (Central Michigan University)
Dissertation: Vibratory Stimuli Presented at the Fingertips as Per-
 ceived by Educable Mentally Retarded and Normal Children
Field of Specialization: Speech
- Morgan Stuart Waugh.....Louisville, Ky.
 B.E.E. (University of Louisville)
Dissertation: Synthesis of a Class of Radar Ambiguity Functions
Field of Specialization: Electrical Engineering
- Warren Loraine Webber.....Cedarville
 B.A., B.Mus. (Central College, Iowa); M.M.E. (Drake University)
Dissertation: Communications in the Internal Governance of Small
 Church-related Liberal Arts Colleges
Field of Specialization: Education
- Fredric Weizmann.....Warren
 A.B. (Hiram College); M.A.
Dissertation: A Developmental Study of Preference for Novelty
Field of Specialization: Psychology
- †Carl Milo Whipple.....Oxford
 B.S. in Ag. Ed. (Iowa State University); M.S. in Edu. (Drake Uni-
 versity)
Dissertation: Property Tax Burden and Leadership Behavior of School
 Superintendents
Field of Specialization: Education
- †Eldon Lee Wiley.....Oxford
 B.S. in Edu., M.Edu. (Miami University)
Dissertation: A Study of the Role of the School Administrator in State-
 Level Politics
Field of Specialization: Education
- Rosemary Wood Williams.....Canton
 B.S.H.E., M.S. (West Virginia University)
Dissertation: Role of the Home Economics College Supervisor of Stu-
 dent Teachers
Field of Specialization: Home Economics
- Marcella Darlene Woods.....Granite City Ill.
 B.S. in Edu. (Illinois State Normal University); M.Ed. (University of
 North Carolina)
Dissertation: An Exploration of Developmental Relationships Between
 Children's Body Image Boundaries, Estimates of Dimensions of Body
 Space, and Performance of Selected Gross Motor Tasks
Field of Specialization: Physical Education

† Degree granted in cooperation with Miami University

Regina Marie Yando.....Columbus
B.S. in Mus. Edu. (College of Saint Mary of the Springs); M.A.
Dissertation: The Effect of Teachers' Cognitive Tempo on Children
Field of Specialization: Psychology

Richard Perry Yantis.....Westerville
B.S. (United States Naval Academy); M.A. (University of North Carolina)
Dissertation: Integer Programming Solutions for a Special Case of the Multiple Choice
Field of Specialization: Industrial Engineering

Bulent Erturk Yoldas.....Yozgat, Turkey
B.Cer.E., M.Sc.
Dissertation: Electrochemistry of Glass-Refractory Interfaces and Refractory Corrosion
Field of Specialization: Ceramic Engineering
(One hundred and sixty-seven candidates)

Certificate of Specialist in Educational Administration

Kenneth Wilbur Bame.....Findlay
B.S. (Findlay College); M.S. (Indiana University)

William Edward English.....Pleasant City
A.B. (Miami University); M.A.

Richard Neil Stacy.....Medina
B.Sc. in Edu., M.A.

David Earl Way.....Waverly
B.Sc. in Edu., M.Edu.
(Four candidates)

Master of Accounting

John Maxwell Cline.....Jerry City
B.S. in B.A. (Bowling Green State University)
Field of Specialization: Accounting

John Wilson Dickhaut, Jr.....Columbus
B.A. (Duke University)
Field of Specialization: Accounting

Michael Edward Gagel.....Maria Stein
B.S.B.A. (University of Dayton)
Field of Specialization: Accounting

Phillip Ernest Meyer.....Baltimore, Md.
B.S. (University of Maryland)
Field of Specialization: Accounting

Adolph Alvin Neidermeyer.....Benwood, W. Va.
B.S.B.A. (West Virginia University)
Field of Specialization: Accounting

Arnold James Pahler.....Bay Village
B.B.A. (Kent State University)
Field of Specialization: Accounting

George Edward Shute.....Springfield
B.Sc. in Bus. Adm.
Field of Specialization: Accounting

John Bartlett Snyder.....Utica, N. Y.
B.B.A. (University of Notre Dame)
Field of Specialization: Accounting

(Eight candidates)

Master of Arts

Mary Dennis Abbott.....Columbus
B.A., B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)

Thomas Charles Agin.....Steubenville
B.Sc. in Edu.
Field of Specialization: Psychology

Stuart Marvin Albert.....Englewood, N. J.
B.A. (Lehigh University)
Field of Specialization: Psychology

Michael Dean Alexander.....Columbus
B.Sc.
Field of Specialization: Psychology

John Harris Allen, Jr.....Grove City
B.S.Ed. (Ohio University)
Field of Specialization: Education

Tina Kruelski Ammon.....Akron
B.S. in Ed. (University of Akron)
Field of Specialization: Education

James Fernand Andris.....Marietta
B.S. (Marietta College)
Field of Specialization: Education

Ileana Villiers Araujo.....Hartford, Conn.
Field of Specialization: Romance Languages (Spanish)

Alvin Eugene Arens.....Borger, Tex.
B.S. (University of Oklahoma)
Field of Specialization: Education

Robert Lee Arledge.....Lancaster
B.A. (Otterbein College)
Field of Specialization: Education

- Damon Floyd Asbury.....Madison
 B.A.
Field of Specialization: Psychology
- Rosella Main Ault.....Sunbury
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Sandra Jane Babione.....Worthington
 B.Sc. in Edu.
Field of Specialization: History
- Mary Rilling Baer.....Springfield
 B.S. (Wittenberg University)
Field of Specialization: Education
- Dean Richard Baldwin.....Ashland
 A.B. (Capital University)
Field of Specialization: English
- Rose Ann Ballangee.....Columbus
 B.A. (Marshall University)
Field of Specialization: Education
- Sally Gibbs Ballou.....Rocky River
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- William Paul Barnes.....Lancaster
 B.Mus.Edu. (Capital University)
Field of Specialization: Music
- Clifford Vernon Barr.....Hillsdale, Mich.
 B.A. (Western Michigan University)
Field of Specialization: Romance Languages (French)
- James Bruce Bauer.....Winona, Minn.
 B.S. (Winona State College, Minnesota)
Field of Specialization: Education
- Carol Lou Baum.....Tiffin
 B.A. (Kent State University)
Field of Specialization: Education
- Mary Timmins Bavis.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Beach.....Irvington, N. J.
 A.B. (Capital University)
Field of Specialization: English
- Carl Benedetti.....Columbus
 B.S.Sec. Ed. (West Virginia University)
Field of Specialization: Education

- Ronald Lee Bingaman.....Portsmouth
 B.A.
Field of Specialization: Journalism
- Regis Anthony Birckbichler, Jr.....Westerville
 B.Sc. in Edu.
Field of Specialization: History
- George Theodore Blaho.....Zanesville
 B.Sc. in Occ. Ther.
Field of Specialization: Education
- Mary Merritt Boggins.....Geneva
 B.A.
Field of Specialization: Journalism
- Arthur David Boronow.....Brooklyn, N. Y.
 A.B. (City College, New York); M.S. (Yeshiva University)
Field of Specialization: Education
- Robert Richard Boyd.....Reynoldsburg
 B.Sc. in Agr.
Field of Specialization: Education
- Carolyn Lentz Braddom.....Columbus
 B.S. (Manchester College)
Field of Specialization: Psychology
- Richard Curtis Bradstreet.....Genoa
 B.S.Ed. (Ohio University)
Field of Specialization: Music
- J. C. Brandenburg.....Blanchester
 A.B. (Berea College)
Field of Specialization: Education
- Rennie William Brantz.....Crete, Nebr.
 B.A. (Doane College)
Field of Specialization: History
- Carolyne June Broyles.....Waverly
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Burton Budd.....Perrysburg
 B.Sc. in Edu.
Field of Specialization: Education
- Mabel Pauline Burket.....East Freedom, Pa.
 A.B. (Heidelberg College)
Field of Specialization: Sociology
- Angela Jane Buttar.....Youngstown
 B.S. in Speech (Marquette University)
Field of Specialization: Speech

- Charlotte Ann Butterfield.....Canton
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Speech
- Sister Mary Olga Callis.....Cleveland
 B.S.E. (Saint John College)
Field of Specialization: Education
- Joseph Louis Campbell.....Newark
 B.S. (Shurtleff College, Illinois)
Field of Specialization: Education
- Richard Lee Canary.....Columbus
 A.B. (Denison University); B.Sc. in Edu.
Field of Specialization: English
- John Edward Carter.....Columbus
 B.S. (Bluefield State College, West Virginia)
Field of Specialization: Education
- Tyrone Joseph Castellarin.....Columbus
 B.A.
Field of Specialization: Art
- Jun Shu Chang.....Taipei, Taiwan, China
 B.A. (National Cheng-Chi University)
Field of Specialization: Political Science
- Arthur Ernest Chapman.....Roseworth, Stockton-on-Tees, England
Field of Specialization: Physical Education
- John Ciochina.....Indianapolis, Ind.
 B.S. in Ed., M.S. in Ed. (Indiana University)
Field of Specialization: Education
- Elaine Sue Clark.....Wilmington
 B.S. (Indiana State College)
Field of Specialization: Education
- Roger Delano Clark.....Houston, Tex.
 A.B. (Syracuse University)
Field of Specialization: Psychology
- Ronald David Clark.....Oberlin
 B.F.A. (Ohio Wesleyan University)
Field of Specialization: Art
- Helen Dick Clymer.....Westerville
 A.B. (Otterbein College)
Field of Specialization: Education
- Bonadine Wineland Cobb.....Findlay
 A.B. (Wittenberg University)
Field of Specialization: Education

- Stanley Wayne Cooper**.....Sturgis, S. Dak.
 B.A. (University of Wyoming)
Field of Specialization: Education
- Joan Fischer Cooperrider**.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Robert Carl Coppersmith**.....Mansfield
 A.B. (Heidelberg College)
Field of Specialization: Education
- Harold Glen Corbin**.....Bonham, Tex.
 B.A. (Tarkio College)
Field of Specialization: Education
- Dorothy Louise Webster Core**.....Rushsylvania
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Martin C. Coren**.....Van Nuys, Calif.
 B.A. (Whittier College)
Field of Specialization: History
- Ann Machovina Corfman**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Joseph French Cox**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- William Earl Craig**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Donis Ward Cramer**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Gertrude Squires Crooker**.....Worthington
 B.A. (Brown University)
Field of Specialization: Education
- Richard Jacob Daniels**.....Mariemont
 B.A.
Field of Specialization: English
- Jack Edwin Davis**.....Galion
 B.Sc. in Edu.
Field of Specialization: Education

- Noel H. Dentner.....Summit Station
 B.Sc. in Edu.
Field of Specialization: Education
- Patricia Ramona DeZelar.....Norwalk
 B.Sc. in Edu.
Field of Specialization: Romance Languages (French)
- Isabelle Harner Donahey.....New Vienna
 B.A.
Field of Specialization: Journalism
- Rosemary Downey.....Columbus
 B.Sc. in H.E.
Field of Specialization: Psychology
- Dale Norman Drake.....Westerville
 B.S. in Ed. (Ohio University)
Field of Specialization: Education
- Joyce Green Durham.....Dayton
 B.S.Ed. (Ohio University)
Field of Specialization: English
- Neil Thomas DuVernay.....Rocky River
 B.Sc.
Field of Specialization: Education
- Marilyn Gene Dwight.....Huntington, W. Va.
 B.A. (Marshall University)
Field of Specialization: Psychology
- Virginia Drayton Eberly.....Honolulu, Hawaii
 B.A. (Purdue University)
Field of Specialization: Psychology
- Jean Frank Emery.....Barberton
 B.Sc. in Edu.
Field of Specialization: Education
- Erma Smalley Epple.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Jane Erbaugh.....Dayton
 B.S. in Ed. (Miami University)
Field of Specialization: Physical Education
- Edward Henry Brownell Erick.....Newark
 B.S. in Ed. (Wittenberg University)
Field of Specialization: Education

- Rebecca Kay McCurdy Erlanger.....Marion
 B.Sc. in Edu.
Field of Specialization: Education
- Tatiana Serafimovna Erohina.....Seattle, Wash.
 B.A. (University of Washington)
Field of Specialization: Slavic Languages
- Patricia Lyons Evans.....Columbus
 A.B. (Indiana University)
Field of Specialization: Education
- George Leonard Feightner.....Wooster
 B.Sc. in Edu.
Field of Specialization: Education
- Christine Ann Fetter.....Richwood
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Thomas Raymond Fletcher.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Eugene Foster.....Columbus
 B.Sc. in Edu.
Field of Specialization: Geography
- Inez Cardozo Freeman.....Worthington
 B.Sc. in Edu.
Field of Specialization: Education
- Grace Liesenfelt Frenchik.....Dayton
 B.S. (Purdue University)
Field of Specialization: Education
- Carl Leroy Fulmer.....Russells Point
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education
- Andrew Bradford Gardner.....Winnetka, Ill.
 A.B. (Antioch College)
Field of Specialization: Art
- Susan Ross Gardner.....Columbus
 A.B. (Antioch College)
Field of Specialization: Art
- Philip Downs Gay.....Chillicothe
 B.Sc. in Agr., B.Sc. in Edu.
Field of Specialization: Education
- Jerry Earl Ginn.....Worthington
 B.A. (Otterbein College)
Field of Specialization: Romance Languages (French)

- Thelma Garfield Golden.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Thomas Edwin Gordon.....Cincinnati
 B.Sc. in Edu.
Field of Specialization: Psychology
- Martin Grebel.....New York, N. Y.
 B.S. (City College, New York)
Field of Specialization: Psychology
- Howard Sherman Green.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Lennis Harris Green.....Belle Center
 B.Sc.
Field of Specialization: Psychology
- Mary Elyn Gregory.....Arlington Heights, Ill.
 A.B. (University of Illinois)
Field of Specialization: Psychology
- Russell Marvin Grieger II.....Evansville, Ind.
 B.A. (Evansville College)
Field of Specialization: Psychology
- Margaret Virginia Grisseau.....Dayton
 B.Sc. in Edu.
Field of Specialization: Psychology
- William Ray Groce.....Zanesville
 B.S. in Edu. (University of Dayton)
Field of Specialization: Education
- Gwendolyn Kautz Gross.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Paul Erwin Grubbs.....Cambridge
 B.A. (Harding College, Arkansas)
Field of Specialization: Education
- John Edward Gurosko.....Avella, Pa.
 A.B. (West Liberty State College)
Field of Specialization: Journalism
- Agnes Heskett Gussett.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Francis Arthur Guzewicz.....Quarryville, Pa.
 B.S.Ed. (Millersville State College, Pennsylvania)
Field of Specialization: Art

- Barbara Gast Hack.....Columbus
 B.A. (North Central College, Illinois)
Field of Specialization: Education
- Atsuko Hamada.....Tokyo, Japan
 B.A. (Keio University, Japan)
Field of Specialization: Education
- Lyle Robert Hamilton.....Fremont
 B.S. (Marquette University)
Field of Specialization: Education
- Clair Philip Hammond.....Waynesboro, Pa.
 B.S.Ed. (Shippensburg State College, Pennsylvania)
Field of Specialization: Education
- Sandra Wilkinson Hammond.....Shelby
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Thomas Edward Harries.....Columbus
 B.A.
Field of Specialization: Speech
- Mary Ellen Movshin Hashmall.....St. Louis, Mo.
 B.A. (University of Chicago)
Field of Specialization: Romance Languages (French)
- Charles Thomas Hatton.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Matt Drexel Hayes.....Ashland, Ky.
 A.B. (Morehead State College, Kentucky)
Field of Specialization: English
- Judith Wagner Hearing.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Suzanne Therese Heinmiller.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Susan Donovan Henry.....Delaware
 B.A. (DePauw University)
Field of Specialization: Music
- Gerald Allen Hickman.....Newcomerstown
 B.S. (Ohio University)
Field of Specialization: Education
- Arnold Ray Highfield.....New Boston
 B.A.
Field of Specialization: History

- Maryanne Chovan Hildebrand.....Garfield Heights
 A.B. (Wheaton College)
Field of Specialization: Education
- Barbara Dawn Hite.....Findlay
 B.Sc. in Edu.
Field of Specialization: Music
- Judith Bennett Hornsby.....Mason
 B.S. (Ohio University)
Field of Specialization: Education
- Patricia Ball Hubbard.....New Lexington
 B.Sc.
Field of Specialization: Speech
- Robert Jacob Hubert.....Toledo
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Emily Frazier Inskeep.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- George Edwin Jacobs.....Carey
 A.B. (Heidelberg College)
Field of Specialization: Education
- Stephen Dunn Jacoby.....Crown Point, Ind.
 B.Mus.
Field of Specialization: Music
- Susan Dee Jahn.....Columbus
 A.B. (Sweet Briar College)
Field of Specialization: Romance Languages
- Thomas Leland Jeffers.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Carolyn Elaine Jennings.....Ravenna
 B.Sc. in Edu.
Field of Specialization: Political Science
- Mary Allen Johnson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- William Richard Johnson.....Marion
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education

- Helen Calloway Jones.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Paul Matthew Jurkowitz.....Middletown
 B.A., M.A. (The Athenaeum of Ohio, Cincinnati)
Field of Specialization: Classical Languages (Latin)
- Nancy Scott Kaiser.....Easton, Pa.
 B.A. (Swarthmore College)
Field of Specialization: Education
- David Lawrence Keller.....Bowling Green, Ky.
 B.M. (Western Kentucky State College)
Field of Specialization: Music
- Hazel Mae Keller.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard William Keller.....Delaware
 B.Sc. in Edu.
Field of Specialization: Education
- Robert George Kimball.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Pauline Yochman Kitchton.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Beverly McCauley Klecker.....Marietta
 B.Sc. in Edu.
Field of Specialization: Education
- Fredric Barry Kleiner.....Bronx, N. Y.
 B.S. (City College, New York)
Field of Specialization: Psychology
- John Barry Kleinline.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Martha Blackburn Knight.....Charleston, W. Va.
 B.S. in Edu. (Miami University)
Field of Specialization: Physical Education
- Carl Robert Knittle.....Mansfield
 B.A. (North Central College, Illinois); B.D. (Yale University
 Divinity School)
Field of Specialization: English
- Thelma Armintrout Koerner.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education

- Diane Jean Koss**.....Euclid
 B.Sc. in Edu.
Field of Specialization: Education
- Albert A. Kurtz**.....Marion
 B.S. (University of Pittsburgh)
Field of Specialization: Education
- Wayne Paul Lawson**.....Parma
 B.A.
Field of Specialization: English
- John Clark Lees**.....Marion
 B.A. (Marshall University)
Field of Specialization: Education
- Charles Adelbert Lesh**.....St. Louis, Mo.
 B.S. Agr. (University of Missouri)
Field of Specialization: Education
- Michael J. Leymaster**.....Wauseon
 B.Sc. in Edu.
Field of Specialization: Education
- Douglas Wayne Light**.....Hopkinsville, Ky.
 B.A. (Center College of Kentucky)
Field of Specialization: Political Science
- Margaret Lightbody**.....Stilfontein, South Africa
 B.A. (Rhodes University)
Field of Specialization: Physical Education
- Henrietta Cynthia Lipson**.....Rego Park, N. Y.
 A.B. (Queens College)
Field of Specialization: Speech
- Arthur Elery Lomax**.....Mansfield
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Ann Elizabeth Langdon Loxterman**.....Columbus
 B.A.
Field of Specialization: Classical Languages (Latin)
- Terry Dennis Lundgren**.....Homewood, Ill.
 B.S. (Illinois State Normal University)
Field of Specialization: Sociology
- Vincent Frank Lustig**.....Thompson
 B.Sc. in Edu.
Field of Specialization: Speech
- Nancy Parker MacGregor**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Art

- Bernadine Joanne Machock**.....Elyria
 B.Sc. in Edu.
Field of Specialization: Education
- Douglas Russell MacQueen**.....Newcomerstown
 B.M.E. (Baldwin-Wallace College)
Field of Specialization: Music
- Miriam Bauer Mandel**.....Hato Rey, Puerto Rico
 B.A. (Harpur College, New York)
Field of Specialization: English
- Elizabeth Rosnick Martin**.....Point Marion, Pa.
 B.S. (N.Ed.) (West Virginia University)
Field of Specialization: English
- Grace L. Martin**.....Orrville
 B.A. (Goshen College)
Field of Specialization: Music
- Marc David Matre**.....Hamilton
 A.B. (Miami University)
Field of Specialization: Sociology
- Peter Raleigh Mattis**.....Bayside, N. Y.
 A.B. (Queens College)
Field of Specialization: Psychology
- Jerome Chester Maxwell**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Music
- Nola Jacquelyn May**.....Shelby
 B.M. (Wittenberg University)
Field of Specialization: Music
- Thomas Marll McDonald**.....Poland
 B.A. (College of Wooster)
Field of Specialization: Education
- Judith Walen McDowell**.....Columbus
 B.A. (Maryville College, Missouri)
Field of Specialization: English
- Eileen Mary McEntee**.....Deal, N. J.
 B.A. (Georgian Court College)
Field of Specialization: Romance Languages
- Elizabeth Lodge McKee**.....Columbus
 B.A. (Mills College, California)
Field of Specialization: Romance Languages (French)
- Charles Houston McNelly**.....Dayton
 A.B. (Earlham College)
Field of Specialization: Psychology

- John Walbert Merriman.....Marysville
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Marilyn Halter Merriman.....Greenfield
 B.S. (Ohio University)
Field of Specialization: Education
- Larry Owen Metz.....Columbus
 B.S. (Capital University)
Field of Specialization: Education
- Hazeldean Meyers.....London
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Jacqueline Meriwether Miller.....Galesburg, Ill.
 B.A. (Cornell College, Iowa)
Field of Specialization: Education
- John Daniel Miller.....Houghton, N. Y.
 B.A. (Houghton College)
Field of Specialization: Linguistics
- Margaret Maria Miller.....Meadville, Pa.
 B.A. (College of Wooster)
Field of Specialization: Psychology
- Marilyn Harms Miller.....Rocky Hill, N. J.
 B.A. (Westminster College, Pennsylvania)
Field of Specialization: Psychology
- Richard Lamar Miller.....North Manchester, Ind.
 B.S. (Manchester College)
Field of Specialization: Education
- Thomas Ludwig Minnick.....Parma
 B.A.
Field of Specialization: English
- Mark George Minor.....South Bend, Ind.
 B.A. (North Central College)
Field of Specialization: English
- Jimmy Leroy Mitchell.....Wichita Falls, Tex.
 B.A. (Phillips University)
Field of Specialization: Psychology
- John Paul Morgan.....Shreve
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Weston John Naef, Jr.....Santa Barbara, Calif.
 B.A. (Claremont Men's College)
Field of Specialization: Art

- James Arthur Neff.....Bucyrus
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Margaret Van Ness Nelson.....Columbus
 B.S. (Miami University)
Field of Specialization: Education
- Harold Meredith Nestor.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Melanie Ullman Newfield.....Birmingham, Ala.
 A.B. (Indiana University)
Field of Specialization: Speech
- Thurman Dean Noblet.....Mt. Victory
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Mary Kubik Noonan.....Cedar Rapids, Ia.
 B.A. (Beloit College)
Field of Specialization: Psychology
- Thomas Michael Nozica.....Powhatan Point
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Margot Schenet Nyitray.....Antioch, Ill.
 B.A. (Northern Illinois University)
Field of Specialization: Political Science
- William Leo Ochsenwald.....Columbus
 B.A.
Field of Specialization: History
- Harriet Grener Offenberg.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John Alfred Oguich.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Edward Okel.....Olmsted Falls
 B.Sc.
Field of Specialization: Psychology
- Walter Eli Oliu.....Hubbard
 B.A.
Field of Specialization: English
- George Elwood Overholt.....Springfield
 B.Sc. in Edu.
Field of Specialization: Education

- Eleanor Jean Sprenger Page.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- William Joseph Palmer III.....Akron
 B.A. (University of Notre Dame)
Field of Specialization: English
- Phyllis Smith Payden.....Cleveland
 B.Edu. (Washburn University of Topeka, Kansas)
Field of Specialization: Education
- James Arthur Payton.....Westerville
 B.A. (Bennington College)
Field of Specialization: Physical Education
- James Coady Pearson.....Pierrefonds, Que., Canada
 B.A. (Loyola College, Canada)
Field of Specialization: Education
- Duane Chester Pelkey.....Columbus
 B.S. (Capital University)
Field of Specialization: Education
- Selma Lee Perlmutter.....Belleville, Ill.
 B.S. (University of Minnesota)
Field of Specialization: Education
- Charles Richard Pfeifer.....Columbus
 B.S. (Capital University)
Field of Specialization: Education
- Betty Park Pimentel.....Worthington
 B.Sc. in Edu.
Field of Specialization: Education
- Harry Everett Plank.....Everett
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert Louis Poland.....Richmond, Ind.
 B.A., B.D. (Wittenberg University)
Field of Specialization: Education
- Martha Anne Potter.....Worthington
 B.A.
Field of Specialization: Sociology (Anthropology)
- Harry Howe Price.....Youngstown
 B.Mus.
Field of Specialization: Music
- Anita Kazol Psomas.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education

- Richard Allen Rainsberger.....Painesville
 A.B. (Mount Union College)
Field of Specialization: Education
- Penny Blackford Rakestraw.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Josephine Price Ramsay.....Newark
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Carol Louise Ramsey.....Bridgeville, Pa.
 B.S.Sec.Ed. (West Virginia University)
Field of Specialization: Speech
- Roger Belden Rattan.....Zanesville
 B.A.
Field of Specialization: History
- Susan Brandt Reiner.....Hamilton
 B.A. (DePauw University)
Field of Specialization: Romance Languages (French)
- Nolan Wilbor Rhea.....Chagrin Falls
 B.A. (College of Wooster)
Field of Specialization: Economics
- Anne Mae Rickard.....Columbus
 A.B. (Ohio University)
Field of Specialization: English
- Paul Eugene Ridenour.....London
 B.S. Com. (Ohio University); B.Sc. in Edu.
Field of Specialization: Education
- Elaine Spreckelsen Rodrigues.....River Edge, N. J.
 B.S. (Pennsylvania State University)
Field of Specialization: Art
- Grant C. Rudisill.....Columbus
 B.S. (West Virginia State College, Institute)
Field of Specialization: Education
- David Elmer Rump.....West Jefferson
 B.S. in Mus. Edu. (University of Dayton)
Field of Specialization: Music
- William Benedict Ruth.....Worthington
 B.S. (Pennsylvania State University)
Field of Specialization: Education

- Lee Ann Sadler.....New Concord
 B.S. in Ed. (Wittenberg University)
Field of Specialization: Physical Education
- James Raleigh Satterfield.....Jeffersonville, Ind.
 A.B. (Morehead State College, Kentucky)
Field of Specialization: Education
- Margaret Elizabeth Sayers.....Edison
 A.B. (Capital University)
Field of Specialization: Romance Languages (Spanish)
- Mary Swander Sayre.....Sidney
 A.B. (Western Reserve University)
Field of Specialization: Education
- Barry Myron Schiller.....San Francisco, Calif.
 A.B. (University of California, Berkeley)
Field of Specialization: Sociology
- Jack John Schmidt.....Lima
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Glenn Schneider.....Columbus
 B.A. and B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Jeanne Northrup Schoedinger.....Cincinnati
 B.Sc. in Edu.
Field of Specialization: Education
- Ronald Eugene Schuyler.....Greenville, Miss.
 B.A. (Delta State College, Mississippi)
Field of Specialization: Music
- Robert Frederick Schwartz.....Columbus
 B.F.A.
Field of Specialization: Art
- Dorothy Morris Sears.....Columbus
 B.S. in Ed. (Wittenberg University)
Field of Specialization: Education
- Joyce Georgalis Selmon.....Columbus
 A.B. (Glenville State College, West Virginia)
Field of Specialization: Education
- Jane Virginia Sessler.....Locust Valley, N. Y.
 A.B. (Cornell University); M.S. (University of Bridgeport)
Field of Specialization: Education
- JoAnne Settles.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education

- Virginia Prindle Shaefer.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jeanette Johns Shallop..... Athens
 B.S. in Edu. (Pennsylvania State College, Edinboro)
Field of Specialization: Education
- Larissa Alexandra Shevchuk.....Cleveland
 A.B. (Oberlin College)
Field of Specialization: Slavic Languages
- Don Gerald Shkolnik..... Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Doris Teitelbaum Shnider.....Dayton
 B.Sc. in Edu.
Field of Specialization: Speech
- William John Shondel.....Clinton
 B.A.
Field of Specialization: History
- Rosalind Ribyat Silverstein.....Columbus
 A.B. (University of Michigan)
Field of Specialization: English
- William Lewis Simmons.....Utica
 B.Sc. in Bus.Adm., B.Sc. in Edu.
Field of Specialization: Education
- Charles Kenneth Simpson.....Levittown, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Psychology
- Carolyn Gerry Smith.....Arlington, Va.
 B.A. (College of William and Mary)
Field of Specialization: Education
- Jo Ann Watkins Smith.....Smithfield
 B.Sc. in Edu.
Field of Specialization: Education
- Eloise Cole Snyder.....Chillicothe
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Joseph Spinelli.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Geography
- James Raymond Staten.....Byesville
 B.Sc. in Edu.
Field of Specialization: Music

- Gordon Ray Stauffer.....Stone Creek
 A.B. (Los Angeles State College)
Field of Specialization: Education
- David Stavsky.....Columbus
 B.A. (Yeshiva University)
Field of Specialization: Psychology
- Terry Alan Steele.....Creston
 B.Sc. in Edu.
Field of Specialization: Education
- Karen Karla Stein.....Southington
 B.S.Ed. (Kent State University)
Field of Specialization: Psychology
- Barbara Dern Stoodt.....Bellville
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Grant Ensign Strickland.....Youngstown
 B.A., B.Sc. in Edu.
Field of Specialization: English
- Ruth Mitchell Strong.....Birmingham, Ala.
 B.S. (Miles College, Alabama)
Field of Specialization: Education
- Clara Lee Sweeney.....Worthington
 B.S. (Columbia Union College)
Field of Specialization: Education
- Robert Howard Sweitzer II.....Cuyahoga Falls
 B.A. (Kent State University)
Field of Specialization: English
- Ray Charles Swihart.....Goshen, Ind.
 B.S. (Manchester College)
Field of Specialization: Education
- Diane Lee Tenenbaum.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Speech
- Donna Lee Tenenbaum.....University Heights
 B.Sc. in Edu.
Field of Specialization: Speech
- Richard Duane Termeer.....Dublin
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Shirley Oney Thompson.....Westerville
 B.Sc. in Edu.
Field of Specialization: Education

- Dale Martin Tippet.....Sunbury
 B.Sc. in Agr.
Field of Specialization: Education
- Gloria Dean Toliver.....El Paso, Tex.
 B.A. (Southern University)
Field of Specialization: Speech
- Sylvia Ann Tracy.....Springfield
 A.B. (Wittenberg University)
Field of Specialization: Romance Languages (Spanish)
- Robert Earl Traul, Jr.....Findlay
 B.S. (Bowling Green State University)
Field of Specialization: Physical Education
- Roger Eugene Turvy.....London
 B.S. in Ed. (Miami University)
Field of Specialization: Education
- William Eugene Unger.....Mt. Morris, Ill.
 B.A.
Field of Specialization: English
- Judith Ann Valentine.....Petersburg
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- William Paul Varga.....Columbus
 B.A. (Otterbein College)
Field of Specialization: History
- Frederick Porter Veidt.....Lancaster
 B.Sc. in Edu.
Field of Specialization: Slavic Languages
- Andrew Franklin Veres.....Lorain
 A.B. (University of Dayton)
Field of Specialization: Education
- Anita Louise Voden.....Youngstown
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education
- Michael Claude Walker.....Sherman, Tex.
 B.A. (Austin College)
Field of Specialization: Economics
- Rosemary Lea Walker.....Ashland
 B.S. Sec. Ed. (West Virginia University)
Field of Specialization: Education

- Charles Burton Wallace.....Cadiz
 B.Sc. in Edu.
Field of Specialization: Education
- Barry James Ward.....Libertyville, Ill.
 B.A. (Lake Forest College)
Field of Specialization: English
- Charles Robert Warne.....Columbus
 B.S. (University of Corpus Christi)
Field of Specialization: Education
- Lois DeVoe Weis.....Lewisville
 B.S. Ed. (Ohio University)
Field of Specialization: Education
- Susanna Welker.....New Lexington
 B.Sc. in Bus. Adm.
Field of Specialization: Education
- John Louis Westinghouse.....Columbus
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Judith Chase Whalen.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Norman Dean Wheatcraft.....Canton
 B.A.
Field of Specialization: English
- Betty Bobby White.....Amsterdam
 B.Sc. in Edu.
Field of Specialization: Education
- Wynn Wilmot Wiess.....Columbus
 B.A. (Olivet College); B.Sc. in Edu.
Field of Specialization: Education
- Anna Kathleen Williams.....Columbus
 B.A. (Baylor University)
Field of Specialization: Education
- Shelton Odell Williams.....Marion
 B.Sc. in Edu.
Field of Specialization: Psychology
- Dorothy Etta Willis.....Minerva
 B.Th. (Malone College); B.S. in Ed. (Kent State University)
Field of Specialization: Education

- Howard Francis Wilson.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Roger Kohler Winger.....Mansfield
 B.S. (Ashland College)
Field of Specialization: Speech
- Charles Robert Winthrop.....Columbus
 B.A.
Field of Specialization: Romance Languages (French)
- Camilla Howes Wolak.....St. Louis, Mo.
 A.B. (Maryville College of the Sacred Heart, Missouri)
Field of Specialization: Speech
- Henry Lawrence Wolf, Jr.....San Jose, Calif.
 B.Sc. in Edu.
Field of Specialization: Education
- Robert James Wolf, Jr.....Dayton
 B.S. in Mus.Ed. (University of Dayton)
Field of Specialization: Music
- Lanny Lavon Wolfe.....Columbus
 B.Sc. in Edu.
Field of Specialization: Business Organization
- Marianne Wolfe.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Roger Dale Wolfe.....Circleville
 B.S. Edu. (Ohio Northern University)
Field of Specialization: Education
- Carolyn Thomas Wood.....Columbus
 A.B. (Connecticut College)
Field of Specialization: History
- John Thomas Woodrow.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Gloria Lewis Woods.....Columbus
 B.S.S.S. (Ohio University)
Field of Specialization: Education
- Joyce J. Yakos.....Euclid
 B.S. in Edu. (University of Dayton)
Field of Specialization: Education

- Ronald Ulrich Young**.....Ridgeway
 B.Sc. in Edu.
Field of Specialization: Education
- Velma Reed Young**.....Columbus
 A.B. (Wilmington College)
Field of Specialization: Education
- Wallace Joseph Zielinski**.....Lakewood
 B.S. in Ed. (Pennsylvania State Teachers College, California)
Field of Specialization: Education

(Three hundred and fourteen candidates)

Master of Business Administration

- Michael John Babbidge**.....New York, N. Y.
 B.S.B.A. (University of Arkansas)
Field of Specialization: Business Organization
- David Lee Beamer**.....Homeworth
 B.E.E.
Field of Specialization: Business Organization
- Kenneth Albert Begalke**.....Euclid
 A.B. (Physics) (Oberlin College)
Field of Specialization: Business Organization
- John Thomas Bender**.....Columbus
 B.A.
Field of Specialization: Business Organization
- Homer Hamilton Best**.....Gainesville, Tex.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Glenn Bowman, Jr.**.....Worthington
 B.S. in I.M. (Georgia Institute of Technology)
Field of Specialization: Business Organization
- James Terry Burkey**.....Millersburg
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Tod Jordan Butler**.....Lima
 B.S. in Bus. Adm. (Bowling Green State University)
Field of Specialization: Business Organization
- John Samuel Coleman**.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

- Bruce Alan Conard.....Chillicothe
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- William John Curnow, Jr.....Columbus
 B.S. (Ohio University); M.Sc.
Field of Specialization: Business Organization
- Jack Lee Dech.....Columbus
 B.S. in B.A. (Kent State University)
Field of Specialization: Business Organization
- Stephen Frank Demidovich.....Youngstown
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Gary Richard Dicks.....Clay Center, Kans.
 B.S. in Bus. Adm. (Kansas State University)
Field of Specialization: Business Organization
- Robert Alan Dunton.....Washington C. H.
 B.I.E.
Field of Specialization: Business Organization
- Robert Burton Dusterberg.....Columbus
 B.S. in M.E. (University of Notre Dame)
Field of Specialization: Business Organization
- Alfred Edmund Flocke.....Ellsworth AFB, S. Dak.
 B.B.A. (University of Texas)
Field of Specialization: Business Organization
- John Edward Geuss.....Youngstown
 B.I.E.
Field of Specialization: Business Organization
- Gary Allan Glass.....Bay Village
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Michael Gehres Gould.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Joe Graham.....Mt. Vernon
 B.S. (Oklahoma State University)
Field of Specialization: Business Organization

- Victor John Grubenhoff, Jr.....Solon
 B.S.E.E. (Ohio Northern University)
Field of Specialization: Business Organization
- James Jeffery Gurin.....Dayton
 B.Sc. in Edu.
Field of Specialization: Business Organization
- Russell Lowell Heizer.....Springfield
 B.I.E.
Field of Specialization: Business Organization
- Thomas Joseph Herold.....Toledo
 B.B.A. (University of Toledo)
Field of Specialization: Business Organization
- Gayle Walton Hill.....Seattle, Wash.
 B.A. in Bus. Adm. (University of Washington)
Field of Specialization: Business Organization
- Kent Rogers Kelly.....Bay Village
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Victor Jere Koser.....Mt. Joy, Pa.
 B.S. (Elizabethtown College, Pennsylvania)
Field of Specialization: Business Organization
- Edward Glenn Lazur.....Fairborn
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Burnell Matthews.....Athens
 B.S.C. (Ohio University)
Field of Specialization: Business Organization
- William Arthur McDaniel.....Columbus
 B.S.E.E. (Purdue University)
Field of Specialization: Business Organization
- Reza Moinpour.....Tehran, Iran
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Joseph Oliva.....Willingboro, N. J.
 B. of Gen. Edu. (University of Omaha)
Field of Specialization: Business Organization

- Luther Hart Parmelee.....Kent
 B.C.E.
Field of Specialization: Business Organization
- Allen Keith Rachel.....San Antonio, Tex.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- Billy Ray Ratledge.....Greensboro, N. C.
 B.S. in Bus. Adm. (University of North Carolina)
Field of Specialization: Business Organization
- Bernard George Richards.....Discovery, Transvaal, South Africa
 B.Com. (University of Witwatersrand)
Field of Specialization: Business Organization
- Meshulam Riklis.....Kings Point, N. Y.
 B.A.
Field of Specialization: Business Organization
- Hubert D. Songer, Jr.....Fairfield, Ill.
 B.S. (Southern Illinois University)
Field of Specialization: Business Organization
- John Howard Steele.....Yellow Springs
 B.S. (Antioch College)
Field of Specialization: Business Organization
- Richard Melvin Weinberg.....Selfridge AFB, Mich.
 B.S. (University of Tampa)
Field of Specialization: Business Organization
- David Ignatz Weiss.....Cleveland
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- John Taylor Wertheim.....Manhasset, N. Y.
 B.B.A. (Kent State University)
Field of Specialization: Business Organization
- Charles Brittain Zehnder.....Chagrin Falls
 B.S.M.E. (Case Institute of Technology)
Field of Specialization: Business Organization
- Dirk Eugene Zeiters.....Shelby
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

(Forty-five candidates)

Master of City Planning

David Eldon Durham.....Dayton
B.Arch. (Ohio University)
Field of Specialization: Architecture (City Planning)
(One candidate)

Master of Education

Harry Alexander Baumgardner, Jr.....Mifflintown, Pa.
B.S. in Edu. (Shippensburg State College, Pennsylvania)
Field of Specialization: Education

Robert Lee Westfall.....Mentor
B.S. (Berea College)
Field of Specialization: Education
(Two candidates)

Master of Fine Arts

Diane Claire Badian.....Forest Hills, N. Y.
B.A. (Pennsylvania State University)
Field of Specialization: Fine Arts (Painting)

Kenneth Joe Brown.....Columbus
B.F.A. (Ohio University)
Field of Specialization: Fine Arts (Sculpture)

Roger Charles Hendricks.....Bedford
B.F.A. (Cleveland Institute of Art)
Field of Specialization: Fine Arts (Painting)

Russell Allen Maddick.....Campbell
B.A. (Youngstown University)
Field of Specialization: Fine Arts (Painting)

Donald Keith McNamee.....Moose Jaw, Sask., Canada
B.A. (University of Saskatchewan); M. A.
Field of Specialization: Fine Arts (Painting)

Chuck Brannon Tomlins.....Broken Arrow, Okla.
B.F.A. (Oklahoma State University)
Field of Specialization: Fine Arts (Sculpture)
(Six candidates)

Master of Medical Science

John Peter Minton.....Columbus
B.Sc., M.D.
Field of Specialization: Surgery
(One candidate)

Master of Science

- Christian Nnedum Aneke.....Lagos, Nigeria
B.Sc. (Eng.) (Battersea College of Technology)
Field of Specialization: Civil Engineering
- Louis John Angelo.....Pittsburgh, Pa.
B.S. in Edu. (Indiana State College, Pennsylvania)
Field of Specialization: Mathematics
- Robert Kwaku Anim.....Nkawkaw, Ghana
B.S. (Ag.) (Tuskegee Institute)
Field of Specialization: Agricultural Education
- Albert Antebi.....Mexico, D. F., Mexico
B.A. (Kenyon College)
Field of Specialization: Chemistry
- Fredric Carl Arnold.....Fairborn
B.Ch.E.
Field of Specialization: Chemical Engineering
- Suzanne Bratton Badenhop.....Delta
B.Sc. in H.E.
Field of Specialization: Home Economics
- Donald Gene Beane.....Wooster
B.A. (Iowa Wesleyan College); A.M., Ph.D. (University of Illinois)
Field of Specialization: Mathematics
- Paul Frederick Benson.....Lorain
B.S.C.E. (Ohio Northern University)
Field of Specialization: Civil Engineering
- Werner Gerhard Bergen.....Mineral City
B.Sc. in Agr.
Field of Specialization: Animal Science
- Robert William Betts.....Lynchburg, Va.
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Carol Rodabaugh Binger.....Lancaster
B.Sc. in Nurs.
Field of Specialization: Nursing
- Kathryn Irene Bonini.....Cleveland Heights
B.S. (Pennsylvania State University)
Field of Specialization: Home Economics
- Patricia Buffenmyer Braden.....Toledo
B.S. in Edu. (Ashland College)
Field of Specialization: Home Economics
- Katherine Hughes Brimmer.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics

- Homer Squires Brown.....Sugarcreek
 B.S. Agr. (West Virginia University)
Field of Specialization: Agricultural Education
- Paul Jennings Brown.....Fairfax Station, Va.
 B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- George Henry Bruns III.....Lafayette, Calif.
 B.S. (United States Air Force Academy)
Field of Specialization: Engineering Mechanics
- Bruce Otto Burnham.....Berlin Heights
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Mary Lucile Burns.....Irwin
 B.Sc. in H. E.
Field of Specialization: Home Economics
- Fred King Buscher.....Cleveland
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Orey Robert Buzzelli.....Cleveland
 B.S. (University of Dayton)
Field of Specialization: Chemistry
- Janis Graham Campbell.....Garfield Heights
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Mary Jo Campbell.....Earle, Ark.
 B.S. (Mississippi State College for Women)
Field of Specialization: Home Economics
- Neil Lester Carlson.....Rocky River
 B.E.E.
Field of Specialization: Electrical Engineering
- James Vernon Chambers.....Willoughby
 B.Sc.
Field of Specialization: Dairy Technology
- Braj Kishore Chaubey.....Ghazipur, U. P., India
 B.Sc. (University of Allahabad); M.Sc. (Agra University)
Field of Specialization: Agricultural Education
- Ping Kuen Chen.....Taipei, Taiwan, China
 B.S.E. (National Taiwan University)
Field of Specialization: Civil Engineering

- Roy Elmer Christen.....Luckey
 B.S. in Edu. (Bowling Green State University) ; B.E.E.
Field of Specialization: Electrical Engineering
- *John Hsieh-Yu Chu.....Springfield
Field of Specialization: Electrical Engineering
- Gerald LeRoy Clampet.....Sesser, Ill.
 B.S. in Agr. (Southern Illinois University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Sloan Clifford.....Euclid
 B.S. (University of Dayton)
Field of Specialization: Physics
- Ronald Waylon Cochran.....Union City, Tenn.
 B.S.M.E. (University of Tennessee)
Field of Specialization: Metallurgical Engineering
- Kirk Ward Cofran.....Rochester, N. Y.
 B.S. (Baldwin-Wallace College)
Field of Specialization: Pathology
- Arthur Glenn Como.....Youngstown
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- *Dale Osborne Condit.....Columbus
Field of Specialization: Metallurgical Engineering
- *Robert Lee Cowan II.....Worthington
Field of Specialization: Metallurgical Engineering
- Marvin Ernest Cress.....Miamisburg
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Noreen Helaine Crowley.....Brockton, Mass.
 B.S.Ed. (State College, at Framingham, Massachusetts)
Field of Specialization: Home Economics
- Herbert Wayne Crown.....Nashport
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Gary Lynn Denman.....Piqua
 M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
- David Harold Denner.....Zanesville
 B.Sc.
Field of Specialization: Physics
- James Kenneth Detling.....Orinda, Calif.
 A.B. (University of California, Berkeley)
Field of Specialization: Botany and Plant Pathology

* Two degrees

- Boonchoo Disyavanich.....Bangkok, Thailand
 B.E., B.S.A., M.E., M.P.A. (Thammasat University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Gary James Doyle.....Middletown
 B.M.E.
Field of Specialization: Mechanical Engineering
- James Vincent Dunn.....New York, N. Y.
 B.S. (United States Naval Academy)
Field of Specialization: Geodetic Science
- Lynn Alan Ebersole.....Findlay
 A.B. (Wittenberg University)
Field of Specialization: Zoology
- Elizabeth Teresa Edmunds.....West Hartford, Conn.
 B.A. (Saint Joseph College)
Field of Specialization: Chemistry
- Farouk Shaaban El Feraly.....Alexandria, Egypt
 B. Phar. (Alexandria University)
Field of Specialization: Pharmacy
- John Fayi Elliott.....Freetown, Sierra Leone, West Africa
 B.C.E.
Field of Specialization Civil Engineering
- Richard Meyer Emery.....Toledo
 B.Edu. (University of Toledo)
Field of Specialization: Zoology
- Helen Butterfield Engel.....Gahanna
 B.Sc. in Agr. Biochem.
Field of Specialization: Zoology
- Linda Ella Evans.....Navarre
 B.S.Ed. (Otterbein College)
Field of Specialization: Preventive Medicine
- Allison Foulds Fentiman, Jr.....New Concord
 B.S. (Muskingum College)
Field of Specialization: Chemistry
- Norman Harvey Fischer.....Cleveland
 B.S. in Math. (Case Institute of Technology)
Field of Specialization: Mathematics
- Thomas Edward Fitz.....Cuyahoga Falls
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Janice Bahler Fitzgibbons.....New Philadelphia
 B.Sc. in Nurs.
Field of Specialization: Nursing

- Douglas Jerome Fleckner.....Columbus
 B.S. (Massachusetts Institute of Technology)
Field of Specialization: Mathematics
- Humphrey Sek-Ching Fong.....Kowloon, Hong Kong
 A.B. (Carroll College, Montana)
Field of Specialization: Mathematics
- Michael Miles Fulton.....Cheshire
 B.Sc. in Agr. Biochem.
Field of Specialization: Agricultural Biochemistry
- Olivia Turner Gandy.....Creston
 B.S. in Edu. (Ashland College)
Field of Specialization: Home Economics
- Larry Eugene Gardner.....Worthington
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Judith Graham Gebhart.....Brookville
 B.S. (Otterbein College)
Field of Specialization: Mathematics
- Glenn Willard George, Jr.....Jamestown
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Valentina Agnes Gladd.....Hubbard
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Ludlow Gregory.....Williamsville, N. Y.
 B.A. (Ohio Wesleyan University)
Field of Specialization: Chemistry
- Albert William Guenther.....Cincinnati
 A.B. (Miami University)
Field of Specialization: Entomology
- Donald James Hahn.....Lorain
 B.S. in Agr. (University of Kentucky)
Field of Specialization: Agricultural Education
- David Clark Haines.....Lowellville
 B.A. (College of Wooster)
Field of Specialization: Mathematics
- Allen Wallace Hall.....East Liverpool
 B.A., D.D.S.
Field of Specialization: Dentistry

- John Edwin Haney.....Twinsburg
 B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Budihardjo Hardjowijono.....Jogjakarta, Indonesia
 B.Sc. (University of Gadjah Mada)
Field of Specialization: Geodetic Science
- Walter Edward Henry.....Zanesfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Carolyn Dean Herrington.....Columbus
 B.S. (Oklahoma Baptist University)
Field of Specialization: Nursing
- Burkhard Erich Horn.....Katzwang, Germany
Field of Specialization: Civil Engineering
- George David Huffman.....Dayton
 B.E.S. (Marshall University)
Field of Specialization: Mechanical Engineering
- George Howard Hyatt.....Pavonia
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mohamed Ismail.....Hassan, Mysore, India
 B.E.(University of Mysore)
Field of Specialization: Civil Engineering
- Hussein Ismail Issa.....Baghdad, Iraq
Field of Specialization: Dentistry
- Shyamala S. Iyengar.....Bombay, India
 B.Pharm. (University of Bombay)
Field of Specialization: Pharmacy
- Robert Allen Jacob.....Cleveland
 A.B. (Western Reserve University)
Field of Specialization: Microbiology
- Edward Forest Jefferis III.....Columbus
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Nicole Kessler Jeffers.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Margaret Ann Jennings.....Helena, Mont.
 B.A. (Montana State University)
Field of Specialization: Chemistry

- Jon Scott Jewell.....Centerburg
 B.A. (Texas Christian University)
Field of Specialization: Chemistry
- Charles Edwin Jobe.....Hazel Park, Mich.
 B.Aero.E. (University of Detroit)
Field of Specialization: Aeronautical and Astronautical Engineering
- Dale Carter Jones.....Columbus
 B.S. (California State Polytechnic College)
Field of Specialization: Industrial Engineering
- Lloyd Arnot Jones.....Weston
 B.Sc. in Agr.
Field of Specialization: Agronomy
- James William Kitzmiller.....Willoughby
 B.S.Engr. (Case Institute of Technology)
Field of Specialization: Electrical Engineering
- Gertrude Ellen Kramer.....Shiloh
 B.Sc. in Nurs.
Field of Specialization: Agricultural Economics and Rural Sociology
- Paul Steven Kurtzman.....Columbus
 B.M.E.
Field of Specialization: Mechanical Engineering
- Paul William Lantz.....Mansfield
 B.Arch.
Field of Specialization: Engineering Mechanics
- Mary Evelyn Lee.....Naperville, Ill.
 B.A. (College of Saint Catherine, Minnesota)
Field of Specialization: Chemistry
- Joel Edward Lichtenstein.....Granville
 B.E.E. (Cornell University)
Field of Specialization: Electrical Engineering
- Mikkel Gordon Mandt.....Columbus
 B.C.E.
Field of Specialization: Civil Engineering
- Nikola John Markov.....Battle Creek, Mich.
 A.B. (Syracuse University); D.D.S. (Howard University)
Field of Specialization: Dentistry
- Alexander Robert Martin.....Columbia Station
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Philip Thomas Martin.....Columbus
 B.E.E. (City College, New York)
Field of Specialization: Electrical Engineering

- Mary Katherine McClain.....Bremerton, Wash.
 B.S. (Linfield College, Oregon)
Field of Specialization: Home Economics
- Richard Charles McClelland.....Edmonton, Alta., Canada
 D.D.S. (University of Alberta)
Field of Specialization: Dentistry
- Glenn Louis McKee.....Frazeysburg
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Richard Lee Meehan.....Columbus
 B.A., D.D.S.
Field of Specialization: Dentistry
- Vinodrai Chunilal Mody.....Bombay, India
 B.E. (University of Bombay)
Field of Specialization: Industrial Engineering
- Neil Eugene Morris.....Lancaster
 B.E.E.
Field of Specialization: Electrical Engineering
- Timothy Hugh Muller.....Barberton
 B.A. (Thiel College)
Field of Specialization: Mathematics
- Daniel Robert Neagoy.....Cleveland
 B.S. (Baldwin-Wallace College)
Field of Specialization: Pathology
- Sylvester Nunez.....El Paso, Tex.
 B.S. in Met. Engr. (Texas Western College)
Field of Specialization: Metallurgical Engineering
- James Owen Nye.....Columbus
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Urban Theodore Oen.....St. Marys
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Leslie John Palkuti, Jr.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Susan Fowler Parker.....Madison
 B.Sc.
Field of Specialization: Botany and Plant Pathology

- Robert James Patton.....Dayton
 B.S.E.P. (University of Toledo)
Field of Specialization: Physics
- William Francis Peck.....Dresden, N. Y.
 B.S. (Rochester Institute of Technology)
Field of Specialization: Welding Engineering
- Dale Louis Perinetti.....Pittsburgh, Pa.
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Mathematics
- Stephen Nicholas Pucher.....South Bound Brook, N. J.
 B.S. (Pennsylvania State University)
Field of Specialization: Aeronautical and Astronautical Engineering
- William Leo Rettig.....Strabane, Pa.
 B.S.Ed. (California State College, Pennsylvania)
Field of Specialization: Mathematics
- Reta Hamilton Richardson.....Jefferson
 B.S. in Edu. (Kent State University)
Field of Specialization: Home Economics
- Richard Mack Riedel.....Urbana
 B.Sc.
Field of Specialization: Botany and Plant Pathology
- Michael Larry Rose.....Roanoke, Va.
 B.S. (Roanoke College)
Field of Specialization: Chemistry
- John James Russell.....Toledo
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- James Edward Saltsman.....Columbus
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Martin Louis Schneider.....Cleveland Heights
 B.Sc.
Field of Specialization: Anatomy
- Nasr Daniel Schnuda.....Cairo, Egypt
 M.B., B.Ch. (Cairo University)
Field of Specialization: Pathology
- James Robert Scott.....Columbus
 B.A.
Field of Specialization: Agronomy
- Jimmy E. Shaw.....Wichita Falls, Tex.
 B.S. (Midwestern University, Texas)
Field of Specialization: Geology

- Walter Allen Shaw.....Minerva
 A.B. (Asbury College)
Field of Specialization: Physiological Chemistry
- William Randall Sherman.....Moorefield, W. Va.
 B.S. (Madison College)
Field of Specialization: Pathology
- Neil Edward SmeckBaltimore
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Kenneth Roger Smith.....Lorain
 B.S. in Edu. (Bloomsburg State College, Pennsylvania)
Field of Specialization: Zoology and Entomology
- John Marshall Snowden.....Hattiesburg, Miss.
 B.S. in C. E. (Mississippi State University)
Field of Specialization: Geodetic Science
- Donald Duane Solter, Jr.....Wichita, Kans.
 B.Sc.
Field of Specialization: Geology
- William Harold Sprinsky.....Columbus
 B.S. (Polytechnic Institute of Brooklyn)
Field of Specialization: Geodetic Science
- Sanan Srirungrojana.....Samuthprakarn, Thailand
 B.S. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Cleveland Udell Staples.....Memphis, Tenn.
 B.S. (LeMoyne College)
Field of Specialization: Mathematics
- Joseph Dickson Stewart.....New Wilmington, Pa.
 B.S. (Westminster College)
Field of Specialization: Zoology and Entomology
- James Dwight Sullivan.....Kenton
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Winford Suter.....Dover
 A.B. (Bluffton College)
Field of Specialization: Chemistry
- Thomas Mark Sutliff.....Lakewood
 A.B. (Hiram College)
Field of Specialization: Chemistry
- Md Suzauddowlah.....Noakhali, Pakistan
 B.A., M.A. (University of Dacca)
Field of Specialization: Agricultural Economics and Rural Sociology

- Kenneth Arthur Taylor.....Cincinnati
 B.S. (Xavier University)
Field of Specialization: Mathematics
- Thomas Luther Thomas.....Findlay
 B.E.E.
Field of Specialization: Electrical Engineering
- Thomas Joseph Treloar.....Columbus
 B.A. (Northern Michigan College of Education); D.D.S. (University
 of Michigan)
Field of Specialization: Dentistry
- Jeffery Arthur Tripp.....Salt Lake City, Utah
 B.S. (University of Utah)
Field of Specialization: Ceramic Engineering
- Gary Lee Trusty.....Xenia
 B.S. in E. E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Leonard Lo-Ho Tsai.....Blacksburg, Va.
 B.E.E.
Field of Specialization: Electrical Engineering
- David Virgil Turner.....Lima
 B.S. (United States Merchant Marine Academy); B.Sc. in Edu.
Field of Specialization: Zoology and Entomology
- Duane Allan Van Sickle.....Sunbury
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Joseph Vorst.....Cloverdale
 B.Sc. in Agr.
Field of Specialization: Agronomy
- David Martin Whitacre.....Lebanon
 A.B. (Wilmington College)
Field of Specialization: Zoology and Entomology
- Paul Allen Whitacre.....Casstown
 B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Juanita Martin Willis.....Cleveland
 B.S. in Home Ec. (West Virginia State College, Institute)
Field of Specialization: Home Economics
- Ross Delbert Winegardner.....Thornville
 B.Agr.E.
Field of Specialization: Agricultural Engineering
- Cynthia Poon Yang.....Chillicothe
 B.A.Sc. (University of Toronto)
Field of Specialization: Mathematics

David John Yost.....Adena
B.E.E.
Field of Specialization: Electrical Engineering

George Albert Zarb.....Toronto, Ont., Canada
B.Ch.D. (Royal University of Malta); M.S., D.D.S. (University of Michigan)
Field of Specialization: Dentistry

Mark Zigoris.....Youngstown
D.D.S.
Field of Specialization: Dentistry

(One hundred and fifty-five candidates)

Candidates for Two Degrees

Jeri Caldwell Arent.....Wickliffe
Bachelor of Arts
Bachelor of Science in Education

John Hsieh-Yu Chu.....Springfield
Master of Science
Bachelor of Electrical Engineering

Dale Osborne Condit.....Columbus
Master of Science
Bachelor of Metallurgical Engineering (cum laude)

Robert Lee Cowan II.....Worthington
Master of Science
Bachelor of Metallurgical Engineering

Patrick Gilley Saunders.....New Lexington
Bachelor of Science in Agriculture
Bachelor of Science in Education

(Five candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Bobby Benson Anderson.....	Fleming
Larry Eugene Blanton.....	Franklin Furnace
Larry Eugene Chase.....	Sterling
Richard Oliver Chittum.....	Dayton
Joseph Walter Clutter.....	Sardinia
Ronald Edward Cronley.....	Ridgeway
Dzikamai Claudius Danha.....	Mashaba, Rhodesia
William Clarence Davidson.....	Wapakoneta
Larry Wilmer Dodds.....	Bellefontaine
Henry Joel Douglas.....	Euclid
Dennis Dean Edwards.....	Nankin
Wesley George Elford.....	Mentor
Charles William Epperson.....	Galion
Melvin Goldsmith.....	Bronx, N. Y.
James Eugene Hachtel.....	West Unity
Robert Thomas Harp.....	Sunbury
Richard George Horrocks.....	Euclid
Donald Fred Huston.....	Negley
Charles Walter Jack.....	Pierpont
Gerald Francis Johnson.....	Perrysburg
James Edward Kocher (with Distinction in Agricultural Economics)	
	Bucyrus
Joseph Andrew Lapp.....	West Liberty
John William McAnespie.....	Lancaster
Thomas Ralph McElroy.....	Lynn, Mass.
John Lemuel Morrison.....	Akron
Gordon Joseph Muller.....	Kitty Village, British Guiana
Donald Logan Newlon.....	Dayton
Don Frederick William Niehaus.....	Dublin
Ronald Crane Nietz.....	Bowling Green
Robert Richard Richardson.....	Westerville
Ernest Ellis Ross, Jr.....	Dennison
*Patrick Gilley Saunders.....	New Lexington
William Robert Schwendeman.....	Lancaster
John Joseph Steinberger, Jr.....	St. Paris
Dwight Daryl Strawser.....	Gahanna
Robert Jerry Svoboda.....	Parma
Thomas Saxton Terry.....	Alexandria
Keith Edmond Throckmorton.....	Marengo
Lawrence Gibson Vance.....	Orient
Lois Baker Wachtman.....	Elyria
Marvin Edward Wachtman.....	Defiance
Michael Robert Ward.....	DeGraff
Donald Eugene Watson.....	Salineville
David Albert Watts.....	Perry
Charles David Welsheimer.....	Fairborn
Wayne Lee Wiemken.....	Defiance
Larry Gene Wilson.....	Van Wert

(Forty-seven candidates)

* Two degrees

Bachelor of Science in Dairy Technology

Dannie Olen Keck.....Leipsic
David Kirk Schultz.....Hubbard

(Two candidates)

Bachelor of Science in Food Technology

Joseph Edmund Leathers.....Van Wert
Edwin William Schmidt, Jr.....Gahanna

(Two candidates)

School of Home Economics

Bachelor of Science in Home Economics

Jenny Lee Betz.....Minerva
Beverly Sue Call.....London
Marilyn Jane Cheatwood.....Wellsville
Sandra Murray Dildine.....Columbus
Ellen Marie Fisher.....Alexandria
Genevieve Marie Fresch.....Mansfield
Jutta Kay Hawk.....Canton
Mary Constance Hunter.....Fresno
Johanna Irwin Jenkins.....Marengo
Marjorie Eileen Kaiser.....Barnesville
Sally Schriver Kocher.....Grafton
Sylvia Wisneski Kruse.....Lorain
Charisma Madson Lindberg.....Galena
Mary Eleanor Noss.....Cleveland
Judy Carol Phillips.....Gahanna
Sharon Ann Pierce.....Columbus
Lois Carlotta Richards.....Diego Martin, Trinidad, West Indies
Patricia Matusik Sevits.....Grafton
Charlotte Beard Slack (summa cum laude).....Mt. Gilead
Martha Jane Wilkins.....Bluffton
Ann Louise Wolfe.....Columbus
Patricia Stockton Zook.....West Liberty

(Twenty-two candidates)

Bachelor of Science in Restaurant Management

Carol Eierman Rader.....South Euclid

(One candidate)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Jordy Lee Abele.....	Worthington
Roger Douglas Alty.....	Mechanicsburg
Robert Lewis Anderton.....	Worthington
*Jeri Caldwell Arent.....	Wickliffe
David Franklin Armstrong, B.F.A.....	Bucyrus
Michael Rodney Baldwin.....	Columbus
Anne Linn Baxter.....	Warren
Joseph Victor Bean.....	Hamilton
Vidvuds Zigismunds Beldavs.....	Marion
Carol DeLane Benson.....	Cincinnati
Stanley Alan Berke.....	Elyria
James Arthur Birckbichler.....	Westerville
Bernard Joseph Bonn III.....	Fairborn
Kenneth Leroy Bonnell.....	Wooster
Constance Snyder Bower.....	Canton
Kay Beth Brown.....	Bryan
Robert Alfred Brown.....	Port Clinton
John Nicholas Bruccoli.....	Youngstown
Ralph Irvin Brush.....	Columbus
Karen Krebs Burman.....	Columbus
Jon Michael Burns.....	Dayton
Lee Mark Butler.....	Columbus
Patrick Thomas Butterfield (cum laude).....	Ada
Michael David Campbell.....	Lancaster
Albert John Capalbo, Jr.....	Delaware
Sheldon Robert Casper.....	Middletown
Barbara Bain Chown.....	Columbus
Durand Sturdevant Clark.....	Bradford, Pa.
Sandra Krapf Collins.....	Columbus
Stephen Jerome Crummey.....	Cincinnati
Lawrence Hugh Curtis.....	Columbus
James Richard Dalrymple.....	Woodsfield
Michael William Davis.....	Columbus
Charles Thomas Deishley.....	Columbus
James Timothy Dittoe.....	Columbus
Helen Roth Dowden.....	Columbus
Darrell Lee Dreher.....	Coshocton
David William Eberle.....	Dover
Victoria Ann Emery.....	London
Kathleen Ann Emmett.....	Normal, Ill.
Margaret Exline.....	Columbus
Mary Anna Feick.....	Sandusky
Ronnie Lynne Feldman.....	Jericho, N. Y.
Anne Catherine Ferguson.....	Columbus
Gilbert Edward Feth, Jr.....	Toronto
George Oscar Fillingier II.....	Columbus
John William Fisher III.....	Mansfield
John Edward Fitch.....	Salem
Patrick Walter Flanigan (cum laude).....	Dayton

* Two degrees

William Joseph Frantz.....	Cleveland
Wanda Hiser Funk.....	Columbus
Georgianne Gabsella.....	Wintersville
Kennetha Hildebrand Gaebler.....	Mansfield
Harry Brian Gate.....	Columbus
Anda Solveiga Germanis.....	Columbus
Bruce Allen Gilbert.....	Columbus
Blaise Charles Giusto.....	Beachwood
John Richard Glaser.....	Bellaire
Charles Glinatsis.....	Campbell
Reesa Beth Goldsmith.....	Columbus
Donald Joseph Greco.....	Youngstown
Joseph Paul Greenberger.....	Cleveland
Sharon Lucille Groves.....	Lakewood
William Woodrow Haddad.....	Seven Hills
Martin Earl Hahn.....	Cincinnati
Sharon Alleen Harbold.....	Columbus
Judy Ann Harris.....	Hampton Beach, N. H.
Louis Jackson Henniger II.....	Beverly
Jimmy D. Henson.....	Bucyrus
Rita Mildred Herbst.....	Marion
Mary Anne Higgins.....	McLean, Va.
Carolyn Ann Hill.....	Dayton
Melvin Elliott Hill.....	Cleveland
Paul David Houston.....	Huntington, W. Va.
Leslie Anne Huddleston.....	Huntington, W. Va.
Ronald Eugene Ike.....	Columbus
James Richard Ireton.....	Chillicothe
Thomas Jay Iseman.....	Cleveland Heights
Lois Marilyn Jackson.....	Dayton
Bruce Louis Jay.....	Dayton
Jeneé Mel Jaynes.....	Wright Patterson AFB
Robert Lamont Kaiser.....	Pataskala
Sharon Marie Kammann.....	Cincinnati
Murray Timothy Kephart.....	Painesville
Kathleen Kittle.....	Columbus
Karen Ellen Klug.....	Columbus
Susan Mary Konet.....	Pittsburgh, Pa.
John Henry Kramer.....	Newark
George S. Krohn.....	Shaker Heights
Tahlman Krumm, Jr.....	Columbus
Peter Herbert Lawrence.....	Galion
Linda Charlene Leatherman.....	New Philadelphia
Chestora Irene Lee.....	Bidwell
Jack Lorentz Loschert.....	Dayton
Donald Steven Mark.....	Kent
Jonathan Walker Marshall.....	New Concord
David Paul Martin.....	Cleveland Heights
Stephen Ray Martin.....	Urbana
Marcia Leslie Mazer.....	Columbus
Kathleen Wynne McCarthy.....	Akron
Margaret Ross McGavran (cum laude).....	Columbus
Andrew Martin McGreevy.....	Columbus
Richard Allen McKee.....	Charleston, W. Va.
Suzanne Stephannie Merryman.....	Columbus
Ronald Allen Meyer.....	Dayton

Mary Frances Milligan.....	Cleveland
Terry William Mustar.....	Springfield
Richard Manly Nagel.....	Toledo
Allen Dean Nettlesingham.....	Dayton
Kathryn Marie Nied.....	Northfield
John Anthony O'Hara.....	Canton
Gerald William Oursler.....	Columbus
Derrell Leland Pate.....	Chillicothe
Nancy Ellen Patrick.....	Westlake
Sanford William Pollock.....	Columbus
Bruce Wallace Powell.....	Columbus
Judith Denise Powell.....	Dayton
John Henry Quilhot, Jr.....	Cincinnati
Maxine Frances Rafter.....	Columbus
Thomas Allen Randt.....	Bay Village
Marvin Kirby Roberts.....	Cleveland
Allen William Ross.....	Columbus
Roxana Louise Rousselle.....	Columbus
Mark Jeffrey Routman.....	Cleveland Heights
Elizabeth Ann Rovtar.....	Worthington
Judith Gail Ryan.....	Thornhill, Ont., Canada
Gloria Rae Sandman.....	Cincinnati
Susan Schipull.....	Arlington, Va.
William Knight Schmidt.....	Columbus
Lenore Yavitz Schneiderman.....	Columbus
Susan Reyla Schreter.....	Baltimore, Md.
James Stovall Schweickart.....	Georgetown
Stephen Charles Secaur.....	Kent
Harriet Frankel Simpson.....	Elkins Park, Pa.
Paul Wesley Smith.....	Yorktown Heights, N. Y.
Joel David Sommers.....	Cleveland
Joyce Ann Spatz.....	Dayton
William Dan Spitler.....	Fairborn
Earl Douglas Steinhoff.....	Cleveland
Michael Peter Stinziano.....	Cleveland
Fredric Henry Strickland.....	Warren
Kenneth Michael Taylor.....	Loveland
Rosalyn Janet Taylor.....	Canton
Paul Eugene Telerski.....	Columbus
Ona Teper (cum laude).....	Brooklyn, N. Y.
Sandra Sue Treece.....	Knoxville, Tenn.
Thomas Harvey Van Brunt.....	Toronto
David James VanDyke.....	Columbus
Baiba Ina Vilums.....	Columbus
Charles Allen Vince.....	Steubenville
James Jacob Weaver.....	Columbus
Lynette Adele Williams.....	Columbus
Terry Earl Williams.....	Martins Ferry
Timothy Stimson Williams.....	Columbus
Shirley Mae Winter.....	Oregon
Ruth Isobel Womersley.....	Dayton
Patricia Ann Zuber.....	Columbus
Leonard Francis Zuga.....	Warren

(One hundred and fifty-eight candidates)

Bachelor of Science

Stephen Anindo Alando.....	Yala, Kenya
Frederick Ernest Baden.....	Malinta
David Charles Becka.....	Cleveland
Rodney Wayne Bellows.....	Grant, Mich.
Ronald David Berger.....	South Euclid
Ronald James Bergman.....	Elyria
Royal Reagle Bevington.....	Akron
Cherryl Ann Bibler.....	Columbus
George Robert Boggs.....	Conneaut
Roger William Broseus.....	Columbus
Floyd Oscar Brown.....	Wheelersburg
William Kent Browning.....	Bethel Park, Pa.
Dennis John Carlo.....	Columbus
Claybourne Chesney.....	Reynoldsburg
Terry Charles Covert.....	Cincinnati
William Robert Cox, Jr.....	Akron
Robert Dean Crawford.....	Mansfield
Major Neal Crispin.....	Columbus
William Thomas Cushing.....	Columbus
Mary Ann Davis.....	Cleveland
William Lowell Dean.....	Westerville
William Mitchell Dolin.....	Shaker Heights
Arthur William Draut, Jr.....	Middletown
Mark William Eger.....	Coraopolis, Pa.
Kenneth Edwin Endicott.....	Van Wert
Fred Walter Fanning.....	Covington
Dennis Dale Fay.....	Cleveland
Stuart Brand Ferbrache.....	Coshocton
Andrew Fetzek, Jr.....	Columbus
Thomas Joseph Flocken.....	Columbus
Robert Houston French, Jr.....	Cincinnati
Harris Charles Friedman.....	South Euclid
David Goldberg.....	Shaker Heights
Gary Lee Goodman.....	Massillon
Russell John Gosnell (cum laude).....	Columbus
Soo Ja Lee Hahn.....	Seoul, Korea
Dean Hickman.....	Chillicothe
John Joseph Hinkle.....	Ashtabula
Douglas Raymond Hoefling.....	Kettering
Jon Bethel Hollett.....	Lorain
Donald George Hovancsek.....	Cleveland
Richard Harold Huffman.....	Columbus
William Allen Hunt.....	Worthington
Lawrence Joseph Irwin.....	Bedford
Robert Merle Jaynes.....	Columbus
Curt Lee Johnson.....	Burton
Harrison Clark Joseph.....	Plaquemine, La.
Guntis Kalnins.....	Bucyrus
Inara Kalnins.....	Bucyrus
James Jude Kerins.....	Columbus
Glen Edward King.....	Toledo
Edwin Carl Kinschner.....	Cleveland
Sharon Sue Kirkbride.....	Wakeman
Michael Andrew Klembara.....	Lisbon

Elizabeth Lewis Langstaff.....	Willard
Robert Harold Layman.....	Middletown
Ronald Harold Lewis.....	Euclid
Carol Bailey Macmillan.....	Bellingham, Wash.
Glenn Edward Martin.....	Nevada
Nicholas David Maul.....	Lancaster
Richard Young McConnell (summa cum laude).....	Bellefontaine
Richard Rankin Miller, Jr.....	Westerville
Stephen Brent Miller.....	Hamilton
Thomas Michael Mitchonie.....	Conneaut
Donna Mae Varnum Morris.....	Fairborn
John Gray Morse.....	Rocky River
Paul Dennis Murphy.....	Columbiana
Barton Ira Nedelman.....	Columbus
Norman Richard Nominee.....	Fostoria
James Jacob Nyland.....	Ashtabula
William Harold Osborne.....	Mt. Gilead
Mary Randall Pepple.....	Columbus
Gary Justino Procario.....	Canton
Samuel Howard Reese (with Distinction in Psychology).....	Cleveland
Robert Julius Reiner.....	Oregon
Stuart Edward Rupp.....	Cleveland
Frederick Marvin Schad.....	Columbus
Vernon Elwood Scott.....	Ironton
Richard Zolman Segall.....	Youngstown
John Charles Serijan.....	Westfield, N. J.
David Lawrence Shumaker.....	Galion
Jerome Albert Stas.....	Cleveland
John Kelsey Sterling.....	Brilliant
David William Stevens.....	Cincinnati
Charles Lynn Stratton.....	Dennison
Nikola Tomovich.....	Loznicz, Yugoslavia
Jerry Earl Truster.....	Columbus
Daniel Vernon Weakley.....	Newark
Harold Burnell Weiland.....	Bucyrus
Thomas Lloyd Wolfe.....	Millersburg
William Douglas Woods.....	Columbus
Susan Elizabeth Yoder.....	Wooster
Sandra Lynn Yoos.....	Lisbon
Julia Grothaus Zerbe (cum laude).....	New Bremen
Manuel Enrique Zuniga.....	Miami, Fla.

(Ninety-five candidates)

School of Journalism

Bachelor of Arts

William Henry Artis, Jr.....	Dexter, Mo.
George Abraham Becker.....	Shaker Heights
Mary Shepard Florio.....	Columbus
John Allen Ledingham, Jr.....	Springfield
Laurel Sheber Martin.....	University Heights
Donald Carl Pierson.....	Kent
Sandor Miller Polster.....	Columbus

Barbara Ann Reynolds..... Columbus
Nancy Lynn Rydman Stelling..... Dallas, Tex.
Michele Rae Wilson..... Columbus

(Ten candidates)

School of Optometry

Bachelor of Science in Optometry

Douglas Sherman Dachenbach..... Urbana
John Downey Hill..... Caldwell
Charles Stephen Koon..... Piqua
James Gerald Shover..... Columbus

(Four candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

David Lee Amicon.....	Cleveland
Lawrence Kauffman Bear, Jr.....	Columbus
Paul Louis Lencar Biddle.....	Miamitown
Gary Lee Blank.....	Cleveland Heights
Alan Randall Bonar.....	Hamilton
Jean Paul Borchers.....	Vandalia
Marilyn Bosler.....	Mansfield
James Arthur Braun.....	Cleveland
Don Ora Coleman.....	Tiffin
Carl Andrew Conley.....	Wilmington
Jeffrey Archer Covell.....	Columbus
Edward Joseph Dotter, Jr.....	Columbus
William Jack Dryfuse.....	Cleveland
Jeffrey Brian DuBois.....	Elmer, N. J.
William Glen Edwards, Jr.....	Columbus
Mark Howard Epstein.....	University Heights
Lawrence Joel Finkle.....	South Euclid
Lawrence Rice Fishman.....	Shaker Heights
Stephen Ray Foley.....	Northfield
Duane Alan Frey.....	Columbus
James Thomas Friel, Jr.....	Columbus
Dale Arthur Fultz.....	Akron
Robert William Gallon.....	Carrollton
Thomas Spencer Groeniger.....	Worthington
Barbara Jean Helsly.....	Blue Island, Ill.
Thomas Joseph Janatowski.....	Toledo
Joseph Gifford Johnston.....	Newark
Ronald Leo Jones.....	Columbus
Jeffrey Arnold Kolt.....	University Heights
Kenneth Wayne Krock.....	Bucyrus
Ronald Wayne Kroeker.....	Fairborn
Frank Louis Kudika, Jr.....	Mansfield
Richard Lawnhurst III.....	Roslyn Heights, N. Y.
Patrick Leonard.....	Columbus
James Leo Lindsay.....	Middletown
Jane Adkins Maurer.....	Plain City
James Donald McGeorge.....	DeWitt, N. Y.
John Cooper McKinney.....	Columbus
Patrick Joseph McNeeley.....	Cleveland
Samuel Edward Milliron (summa cum laude).....	Youngstown
Glen Laverne Mitchell.....	Davenport, Ia.
Richard Alan Mordarski.....	Hudson
Charles Nicholas Moser, Jr.....	Dayton
Jean Elizabeth O'Brien.....	Mansfield
James William Parker.....	Toronto
Ronald Edwin Parks.....	Marion
Ronald Eugene Pierson.....	Mt. Vernon
Robert Maurice Rector.....	Toronto, Ont., Canada

Terry Lee Robinson.....	Circleville
Theodore Frederick Rose.....	Kingsville
Charles James Sanitra.....	Amsterdam
Donald Malcolm Schindler.....	Fairview Park
Robert Jay Scholl.....	Columbus
Caroline Camille Sell.....	Tiffin
Joyce Adelle Serafini.....	Columbus
William Thomas Sharkey.....	West Carrollton
Thomas Stephen Sharp.....	Columbus
Barron Dean Shoffner.....	Bethlehem, Pa.
David Lloyd Shuster.....	Columbus
Lawrence Allen Singer, B.Sc.....	Springfield
Robert Douglas Slentz.....	Columbus
Joel Murray Smith (cum laude).....	Alliance
Gerald Edward Stayton.....	Salem
Jack Louis Subel.....	Cleveland
Dennis Ross Sutphen.....	Cuyahoga Falls
James Robert Swope.....	Columbus
John Patrick Taylor.....	Norwalk
Gerald Howard Teichman.....	University Heights
Jack Thomas Turner.....	Coshocton
Frank Joseph Uhrig.....	Chillicothe
Stephen Charles Vrabel.....	Parma
Paul Thomas Walters.....	Grove City
Ronald Douglas Wilson.....	Parma Heights
David Allen Winters.....	Marion
Janet Mae Wootton.....	Ottawa
Roger Stanley Zeefe.....	Beachwood

(Seventy-six candidates)

School of Social Work

Bachelor of Science in Social Welfare

Georgia Jean Anetzberger.....	Mansfield
Gregory Franklin Bixler.....	Lima
Kathryn Rose Chadwick.....	Blanchester
Marcia Barbara Cherney.....	North Bellmore, N. Y.
Anthony Joseph Elum.....	Columbus
Karin Elizabeth Erickson.....	Kettering
Marjorie Jane Gelbspan.....	Great Neck, N. Y.
Clare R. Greenberg.....	Rockville Centre, N. Y.
Mary Grim Honicky.....	Akron
Linda Waller Hundt.....	Dayton
Brenda Winstead Hyson.....	Washington, D. C.
Donald Eugene Johnson.....	Rockford
Linda Joyce Lavinson.....	Trenton, N. J.
Molly Smead Madsen.....	Madison
Judy Arlene Monday.....	Cincinnati
Anne Elizabeth Moore.....	Highland
Robert Phillip Moses.....	Columbus
Michael George Peppe.....	Columbus
Beverly Ann Reavling.....	Columbus
Betty Steininger.....	Tiffin

Lillian Mandsohn Stellman (summa cum laude).....Columbus
Norma Lee Vanscoy.....Columbus
Gretchen Louise Wolford.....Mansfield
Judith Carlene Young.....Columbus

(Twenty-four candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Joseph Ronald Deliman.....	Lorain
Larry Owen Hanna.....	Bryan
James McCallum Hargraves, B.A. (Kent State University).....	Kent
Thomas David Parkinson.....	Columbus
David James Van Oosten.....	Bay Village

(Five candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Renee Theresa Abraham.....	Cleveland Heights
Sharon Sue Alkire.....	London
Georgia Ruth Allen.....	Buford
Vida Louise Allweiss.....	Wilmette, Ill.
Lynn Marie Anderson.....	Pittsburgh, Pa.
Sandra Randolph Anderson.....	Carrollton, Mo.
James Bernard Annegan II.....	Chillicothe
Jerry Lynn Ansley.....	Belle Center
*Jeri Caldwell Arent.....	Wickliffe
Donald Louis Bailey.....	Columbus
James William Baker.....	Worthington
Linda Kennedy Ball.....	West Jefferson
Raymond Leon Battin, A.B. (Indiana University).....	Columbus
Barbara Lee Bazler.....	Newark
Kay Stout Bennett.....	Westerville
Kathleen Bernhard.....	Hollywood, Fla.
Keith Arlen Billhimer.....	Columbus
Stephen Birtalan.....	Salem
Mary Jo Blackburn.....	Columbus
Judith Benita Bochner.....	Cleveland
Kay Cora Bostdorf.....	Perrysburg
Helen Anne Brisker (cum laude).....	Wheelersburg
Elizabeth Dale Bravard Burch.....	Columbus
Edward Wilson Carpenter.....	Belpre
Christine Bannack Carter.....	Miami, Fla.
Lenora Jordan Carter.....	Columbus
John Otis Core, B.A.....	Washington C. H.
Carol Rhea Cotterman.....	Massillon
Susan Snider Cramer.....	Columbus
Nora Ludwick Cromley.....	Dayton
Eileen Hertzner Curran.....	Columbus
Nicholas Alexander Czaruk.....	Wintersville
Robert Carl Davis.....	Cleveland
Koneta Martin Dixon.....	Fostoria
Pamela Malley Dulin.....	Galion
Carol Ann Dunbar, B.A.....	Wauseon
Charles Benton Dygert.....	Columbus
Jack Owen Ehrick, B.A.....	Marion
Floyd Wayne Emery.....	Prospect
Gerald Van Emmons.....	Norwalk
Marjorie Anne Ems.....	Columbus
Margaret Fuhr Ewald.....	Toledo
Mary Jo Fackler.....	Willard
Charlene Marie Fankhauser.....	Columbus
Doris Wolford Farley.....	Columbus
Nancy Jane Fawcett.....	Columbus
Cheryl Mae Fenker.....	Norwood
Mary Ellen Ficocella, B.A.....	Columbus
Anne Doreen Field.....	Dayton

* Two degrees

Raymond Carl Fischer.....	Columbus
Linda Lou Fisher.....	Columbus
Roberta Louise Foss.....	Caledonia
Gayle Virginia Forster.....	Columbus
Carolyn Kline Fox.....	Ashland
Bette Marie Fraser.....	Circleville
David Owen Freese.....	Geneva
Richard Lee Frost.....	Chester
Edgar Harald Gehm.....	Lima
Kathleen Elizabeth Gerraty.....	Lakewood
Rozalyn Dolin Glazer.....	University Heights
Albert James Gonas.....	Lorain
Marti Rosenfield Goorey.....	Columbus
Ann Wood Graham.....	Lima
Judith Montgomery Griffith.....	Columbus
Fredric Otto Grimm.....	Columbus
Robert Gary Haas.....	Winchester
Cynthia Ann Harris.....	New Athens
Betty Oborn Hart.....	Marion
Marilyn Kay Hartman.....	Columbus
Frances Foote Hawthorne.....	Lorain
Donna Cline Hay.....	Columbus
Joan Eleanor Henderson.....	Ashtabula
Sharon Ward Henry.....	Columbus
James Wendell Herrick, B.A. (DePauw University).....	Columbus
Elizabeth Marie Herschler.....	Columbus
Karl Eugene Hesselbein.....	Cleveland
Shirley de Chabert Highfield.....	Columbus
Laurence Fredrick Hirschl.....	Cleveland Heights
Ruth Miller Hoover.....	Galena
Ronnie Eugene Hord.....	Kenton
Loretta Vance Horne.....	Grove City
Sarah Lynn Houston.....	Dayton
Robert Franklin Hurd.....	Urbana
Lillian Brokaw Hurlow.....	Galion
Jeanne Ruth Hurvitz.....	Highland Park, Ill.
Jacqueline Eileen Hynes.....	Youngstown
Judith Lee Jacobson.....	Shaker Heights
Susan Mitchell Jay.....	Rocky River
Barbara Ann Jones.....	Columbus
Lynne Dalee Jones.....	Columbus
Phyllis Sue Jones.....	Columbus Grove
Elsie Vigil Joseph.....	Columbus
Charlotte Ann Kastner (summa cum laude).....	Louisville
Mary Ellen Kelco.....	Stratford, Conn.
Karen Vesha Kindler.....	Cleveland
Merele Wayne Kinsey.....	Sugarcreek
Linda Louise Klatt.....	Columbus
Sharon Conlon Kling, B.Sc. in Agr.....	Dayton
Sandra Kochman.....	University Heights
Carol Helen Koenigsberg.....	Dayton
Alexander Joseph Kozimor.....	Lakewood
Bonnie Claire Kratzer.....	Lakewood
Ruth Ellen Kwiatt.....	North Olmsted
Glendon Leinhart Lakes.....	Xenia
Carol Carr Layne.....	Dayton

Susan Spencer Leamy.....	Camp Hill, Pa.
Patricia Ann Lindsey.....	Marion
Goefrey Edwin Lust.....	Columbus
Henry Michael Majeau.....	Montpelier
Pamela Sue Mason.....	Columbus
Sherri Ferguson Mason.....	Cridersville
Kristen Ree McKinney.....	Newark
Mary Susan McLaughlin.....	Urbana
Sue Carol McWilliams.....	Columbus
Dianne Vajnar Messick.....	Parma
Sharon Elaine Metzler.....	Zanesville
Betty Kay Miller.....	Bloomville
Carolyn Jean Miller.....	Groveport
Michael David Miller.....	Columbus
Mary McClure Milligan.....	Coshocton
Patricia Sue Mitchell.....	Ostrander
Lester Edward Moes.....	Cleveland
Carol Ann Moore.....	Columbus
Timothy David Morris.....	Columbus
Thomas James Morton.....	Medina
Emmy Witherell Mulbarger.....	Brookville
Thomas Alexander Naftzger.....	Steubenville
Judith Bolon Navarrete.....	Bethesda
Deborah Spurgeon Neely.....	Columbus
Betty Everett Nestor.....	Columbus
Nancy Ellen Norris (cum laude).....	Orrville
Maureen Kerr Norvell.....	Dayton
Ruth Elaine Ometer.....	Shelby
Kay Diane Oppenheim.....	Highland Park, Ill.
Carole Jean Orndoff.....	Logan
Jessica Johnson Patterson.....	Delaware
John Louis Pendleton.....	London
Winnifred Dean Pertee.....	Columbus
Albert Lincoln Peters.....	New Lebanon
Roberta Miralia Pflamer.....	Columbus
Sandra Holdsworth Phelan.....	Newcomerstown
Anita Louise Pickering.....	Ludlow Falls
Richard Anthony Presutti.....	Wellsville
Ann Louise Rarey.....	Westerville
Beverly Jean Rauch.....	Dayton
Michael Austin Rebillot.....	Louisville
James Douglas Retter.....	Troy
Wendy Cook Rhea.....	Lakewood
Virginia Applegate Rhoads.....	Bucyrus
Sue Alleshouse Richards.....	Norwalk
Craig Allen Riedel.....	Sycamore
Judith Faye Riethmiller.....	Circleville
Lynne Beverly Roberts.....	Cleveland
Merle Hamilton Roberts.....	Columbus
Everett Hines Roseberry.....	Columbus
Patricia Jeanne Rudy.....	Covington
*Patrick Gilley Saunders.....	New Lexington
Margaret Ann Sauner.....	Columbus
Phyllis Elizabeth Scheider.....	Columbus
Margaret Jane Schirtzinger.....	Columbus

* Two degrees

Hugh David Schuman.....	Hillsboro
Robert Peter Scott.....	Mentor
Carl Edward Shanahorn.....	Columbus
Linda Vandelia Singletary.....	Columbus
Franklin Paul Skoch.....	Cleveland
Evelyn Jean Sliwa.....	Cleveland
Donald Alfred Smathers.....	Columbus
Carolyn Backenstos Smith.....	Newark
Donna Delagrange Smith.....	Seville
John Arthur Snoddy.....	Wooster
Carolyn Sue Sowry.....	Union
Carole Eastman Spahr.....	Columbus
Deanna Vollmer Spiess.....	Delta
Carol Jean Starkey.....	Bolivar
Karen Jambor Stegh.....	Euclid
Mary Catherine Stewart.....	Columbus
Joanne Puntteney Stillwell.....	Portsmouth
Ann Thatcher Strausbaugh.....	Chillicothe
Karen Sue Strickle.....	Dayton
Alice Goler Sunshine.....	Columbus
Lucille Muto Tayama.....	Columbus
Timothy Davis Taylor.....	Newark
Harriet Wolstenholme Thompson.....	West Mansfield
Richard Vincent Timmins.....	Columbus
Harold Andrew Traver.....	Walbridge
Barbara Wilson Trent (cum laude).....	Columbus
Elwana Faye Tubb.....	Cincinnati
Joan Kay Ullmer.....	Prospect
Pauline Theresa Vandenberg.....	Rocky River
Margaret Walsh Vetter.....	Columbus
William Clarence Wall III.....	Cleveland
Jerry Lee Watson.....	Newark
Sharon Patten Weber.....	Columbus
Donald Richard Whalen, B.Sc.....	Cleveland
William Herbert White.....	Pepper Pike
Sharon Jean Whittaker.....	Ravenna
Becky Davies Wiard.....	Centerburg
Jo Ann Hartley Wiblin.....	New Carlisle
Montford Sater Will.....	Columbus
Patricia Ann Williamson.....	Columbus
Weldon Ray Willoughby.....	Willard
Connie Jean Wilson.....	Columbus
Ernie Lee Wolfe.....	Newark
Jane Alda Woodward.....	Norwalk
Jane Elizabeth Yeager.....	Cleveland
Christine Allen Yingst.....	Columbus
Linda Lou Kinker Zecher.....	Cincinnati

(Two hundred and seven candidates)

Bachelor of Fine Arts

Linda Smith Broiles.....	Ft. Worth, Tex.
Margaret Buxton Crosby.....	Columbus
Donald Allen Dell.....	Columbus
Don Willis Dickerson.....	Columbus
Pamela Lee Farris.....	Columbus
Kathleen Ann Gibb.....	Morrill

Paul David Huffer.....Lima
 Carol Ann Kazee.....Columbus
 Susan Cornelia Kerscher.....Columbus
 William Wilson Lamb, Jr.....Columbus
 George Robert Landes.....Columbus
 Janice Ruth Martin.....Mt. Vernon
 Thomas Aloysius McMahon.....Mineola, N. Y.
 Douglas George Miller.....Columbus
 Mollie Kinney Miller.....Dayton
 Sheila Jean Morse.....Chesterland
 Dennis Ray Pendleton.....Columbus
 Barbara Sue Robinson.....Wadsworth
 John Robert Swisher.....Columbus
 Detra Carr Tenenbaum.....North Canton
 Patricia Courtney Tice.....Columbus
 John Lockwood Wilkes.....Huron

(Twenty-two candidates)

Bachelor of Music

Ladd Harold McIntosh.....Clinton
 Janet Jenkins Zarb, A. B. (University of Michigan) Toronto, Ont., Canada

(Two candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Ralph David Arthur.....Waynesfield
Donald Eugene Ensign.....McComb
Todd Cletus Falor, Jr.....Toledo
Ronald Dale Murphy.....Lima
Paul Stanley Van Teslaar.....Barberton
James Edward White.....Reynoldsburg

(Six candidates)

Bachelor of Agricultural Engineering

John David Long, B.Sc. in Agr. (cum laude).....St. Paris
James Waldo Michael.....Sidney

(Two candidates)

Bachelor of Ceramic Engineering

Andre Ezis.....Findlay
Jerry Lou Planchock (cum laude).....Homeworth
James Anthony Woolley (summa cum laude).....Canton

(Three candidates)

Bachelor of Chemical Engineering

Frank John Dobscha, Jr.....Aurora, Ill.
Lawrence Douglas Mathew.....Columbus
Donald Philip Whiteman.....Mansfield

(Three candidates)

Bachelor of Civil Engineering

Anthony Robert Sesny.....Cleveland

(One candidate)

Bachelor of Electrical Engineering

*John Hsieh-Yu Chu.....Springfield
Howard Cleston Couch.....Newton Falls
Ronald Lee Cunning.....Mansfield
Joseph Anton Egger.....Sandusky
William Dean Gross.....Delaware
James Leonard Szarka.....Lorain
Laurence Edward Thrasher.....Garrettsville

(Seven candidates)

* Two degrees

Bachelor of Industrial Engineering

James William Austin.....Lima
William Lewis Hoover.....Troy
Michael Keith Lockwood.....Springfield

(Three candidates)

Bachelor of Mechanical Engineering

Gary Michael Allen.....Columbus
Richard Davis Godfrey.....Kent
William Herbert Lomax.....Mansfield

(Three candidates)

Bachelor of Metallurgical Engineering

*Dale Osborn Condit (cum laude).....Columbus
*Robert Lee Cowan II.....Worthington
Theodore Jesse Leczo.....Lorain

(Three candidates)

Bachelor of Engineering in Mining

Thomas William Bryan (cum laude).....Coshocton
James Leroy Huston.....Moorefield
James Louis Madson.....Cleveland

(Three candidates)

Bachelor of Science in Physics

Mark Dayhuff (cum laude).....Dellroy

(One candidate)

School of Architecture and Landscape Architecture

Bachelor of Architecture

Donald Allan Scheid.....Norwalk

(One candidate)

* Two degrees

College of Medicine

Dean: *Richard L. Meiling*

Doctor of Medicine

Vidvuds Bandrevics, B.S. (University of Toledo).....Toledo

Thomas Daniel Brown, A. B. (Miami University).....Piqua

(Two candidates)

School of Allied Medical Services

Bachelor of Science in Medical Technology

Paula Smith Allton.....Crooksville

Carolyn Cooper Anderson.....Anna

Lona Jane Bindbeutel.....Defiance

Diane Marie Bourquin.....Columbus Grove

Joanne Virginia Forrester.....Columbus

Alice Fuller Frazier.....Barberton

Mary Ellen Griffin.....Vermilion

Nancy Jo Kuyper (cum laude).....Cincinnati

Sandra Kay Romshe.....Wapakoneta

Nancy Louise Schultz.....Marion

Thomas Gerard Tierney.....Columbus

Anita Maria Topson.....Columbus

Anne Hiroko Tsutomu.....Wahiawa, Hawaii

Sandra Sue Wolf.....Dayton

Diana Rae Wright.....Troy

Sharon M Zimmerman.....West Alexandria

(Sixteen candidates)

Bachelor of Science in Occupational Therapy

Carolyn Frances Bailey.....Columbus

Ferol Ann Gurney.....South Euclid

Lois Kimball Harmon.....East Cleveland

Karen Lee Kyser (cum laude).....North Lima

Jerri Lee Montgomery.....Covington

Janice Elaine Mote.....Dayton

Nancy Jane Powell.....Massillon

Adeline Ethel Schmidt.....Cincinnati

Helen Rynearson Woolley.....Arlington, Va.

(Nine candidates)

Bachelor of Science in Physical Therapy

Barbara Roeth Claus.....Urbana

Phyllis Marie Decker.....Hollidaysburg, Pa.

Kenneth Francis Duska.....Mingo Junction

Arlette Marie-Claire Pouly.....Orrville

(Four candidates)

Certificate of Graduate Physical Therapist

Gerald Lynn Adkins, B.S.P.E. (West Virginia University) Holden, W. Va.
Mary Joan Bercik, B.S. (Ohio University).....Portsmouth
Sue Carol Blum, B.S. (Otterbein College).....Lancaster
Timothy White Franks, B.S. (Manchester College)Hartsville
Robert Marshall Meadows, B.S. (University of Illinois)....Collinsville, Ill.
Joseph Howe Neihardt, A.B. (Indiana University).....Orland, Ind.
Donna Lou Pusateri, B.S. (Morris Harvey College)

South Charleston, W. Va.
Teresa Ann Trostmiller, B.A. (Albion College).....Findlay
Joan Marie Watkins, B.S. (West Liberty State College, West Virginia)
Rushsylvania

(Nine candidates)

Certificate of Nurse Anesthetist

Ruth Irene Katt.....Muskegon, Mich.

(One candidate)

School of Nursing

Bachelor of Science in Nursing

Pamela Ruth Anderson.....Rocky River
Kay Derau Asseff.....Ambler, Pa.
Emilie Kay Beck.....Tiltonsville
Judith Ann Besst.....Grove City
Sharon Lee Brown.....Columbus
Rita Alexia Butchko.....Havertown, Pa.
Joan Stuart Eierman.....Hilliard
Karen Ann Gilbert.....Mason
Sue Adaire Goshorn.....Montpelier
Anagene Hatten.....Amherst
Carol Louise King.....Akron
Julia Ann Kundrat.....Mingo Junction
Joyce Marilyn Letson.....Cleveland
Georgia Anne Mach.....Linwood, Nebr.
Patricia Mary Mann.....Toledo
Evelyn Grace Martin.....Pittsburgh, Pa.
Jean Stone Megenity.....Homewood, Ill.
Marilyn Jeanne Mental.....Cleveland
Astrida Draulis Milligan.....Conneaut
Karen Sue Montie.....Oil City, Pa.
Millicent Mae Moore.....Columbus
Nancy Leigh Pocock.....Louisville, Ky.
Barbara Jean Russell.....Burton
Donna Joan Schey.....Bay Village
Nancy Murnahan Slemmer.....Rock Camp
Myra Beth Sternlieb.....Ravenna
Julia Ann Thiel.....Upper Sandusky
Pamela Arlene Vandiver.....Huron
Carolyn Janet Walker.....Youngstown
Nancy Gaskell Zipf.....Charleroi, Pa.

(Thirty candidates)

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

Wooster, Ohio, September 8, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, September 8, 1966, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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September 8, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Provost - Definition of Responsibilities

As a part of the continuing study of our administrative organization and in consonance with the establishment of the position of Provost of the University, two changes should be made to be effective October 1, 1966. These changes are in accordance with the definition that, with the exception of the position of President, the position of Provost of the University is to be considered the principal central administrative position of the University and that, in the absence of the President, the Provost is to act on behalf of the President. Based upon this definition, the following recommendations were made:

First, it was recommended that the Office of Campus Planning become a Division of the Office of Academic Affairs and of the Provost. The Executive Director for Campus Planning shall remain the head of this Division and shall report to the Provost of the University. The general responsibilities of the Division shall remain the same as those currently assigned to the Office of Campus Planning. This administrative change will recognize the increased need to include facilities planning and utilization as key factors in the process of academic planning. During Dr. Herrick's tenure as Executive Director, and only during his tenure, this position shall remain a Cabinet one.

Second, it was recommended that the Division of Administrative Research and Data Processing which has reported to the Office of the President through the Vice President for Administration now report to the Provost of the University. This recommendation is necessitated by the realignment of the duties formerly assigned to the Vice President for Administration.

Finally, that the Secretary of the Board be authorized to include in the next edition of the Rules for the University Faculty the appropriate changes to reflect the administrative reorganization recommended above.

Upon motion of Mr. Bricker, seconded by Mr. Shocknessy, the above recommendations for changes in administrative responsibilities as proposed were approved by unanimous voice vote, and the Secretary was instructed to make such revisions in the Rules for the University Faculty when they are reprinted.

B. Appointment of Chief Administrator for Wright State Campus

Pursuant to the provisions of Amended Substitute S. B. No. 210 that was passed in 1965 by the General Assembly of Ohio, the Wright State Campus Advisory Committee has been established and has been working with The Ohio State University and Miami University for the development of Wright State Campus into a state university.

September 8, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Appointment of Chief Administrator for Wright State Campus (continued)

As a first order of business, the Advisory Committee was authorized by the two parent institutions to seek a qualified person to serve as the chief administrator of the Wright State Campus with responsibility for its total operation.

By agreement with the Advisory Committee, the person selected to fill this role is to be appointed by both The Ohio State University and Miami University as a Vice President with the understanding that his assignment is to be that of serving as chief administrator of Wright State Campus when service begins and extending to July 1, 1967. His salary and such other considerations as are appropriate to the appointment are to be paid from the Wright State Campus budget.

The Wright State Campus Advisory Committee has now recommended a fully qualified person for the above role and has made the proper recommendation to Ohio State and Miami. Additionally, the Advisory Committee has extended to its nominee the courtesy operating designation of President-Elect, Wright State University. The actions of the Advisory Committee are based upon the assumption that the Wright State Campus will become an independent state university on July 1, 1967, at which time, if all conditions are met, the institution will be known as Wright State University.

The Advisory Committee has recommended and the President has indicated his support of the appointment of Dr. Brage Golding, present Head of the School of Chemical Engineering at Purdue University. His salary is to be at the annual rate of \$30,000.00 from October 1, 1966 to July 1, 1967, with the understanding that he will spend at least 1/3 of full time on duty at the Wright State Campus for an interim period and shall be compensated during such interim period at the rate of 1/3 of full-time salary.

Dr. Golding is 46 years of age and has both his Bachelor's degree and his Ph.D. degree from Purdue University. He served as research associate at Purdue from 1948 to 1957, visiting professor of engineering at Purdue from 1957 to 1959 and since 1959 has been head of the School of Chemical Engineering at Purdue. Dr. Golding has had industrial experience, is the author of a book and several papers in his field of specialization and belongs to a number of the key professional societies that are related to his professional interest. He is married and is the father of three children.

Dr. Golding has agreed to accept the position on the basis of the conditions set forth above and as delineated in an August 26, 1966, official communication from Mr. Robert S. Oelman, Chairman of the Advisory Committee.

It was recommended that the proposal to employ Dr. Brage Golding as submitted by the Wright State Campus Advisory Committee be approved and

September 8, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Appointment of Chief Administrator for Wright State Campus (continued)

that the August 26, 1966, official letter from Mr. Oelman be included as a part of the record of this meeting.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the above recommendation to appoint Dr. Brage Golding as the chief administrator of Wright State Campus, effective October 1, 1966, with the titles and terms of his employment as set forth in the August 26, 1966, communication from Mr. Robert S. Oelman, Chairman of the Advisory Committee for Wright State Campus.

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August 26, 1966

Dr. Novice G. Fawcett, President
The Ohio State University
Columbus, Ohio

Dr. Phillip R. Shriver, President
Miami University
Oxford, Ohio

Gentlemen:

Since its establishment in November, 1965, the Wright State Campus Advisory Committee has consulted with The Ohio State and Miami universities for the development of Wright State Campus into a state university, pursuant to provisions of Am. Sub. S. B. No. 210 of the 1965 General Assembly.

In this connection the Advisory Committee was authorized by the two parent universities to recommend to them a qualified person to serve as chief administrator of Wright State Campus with responsibility for its total operation, both administrative and academic, during the period before the Campus becomes an independent state university on or after July 1, 1967.

With the concurrence of the presidents of the two parent universities, the Advisory Committee has conducted a systematic search for such a person. It was required that each candidate be fully qualified for the presidency of a general university, in order that the appointee might be in a position to continue as permanent President of Wright State University, subject to approval of its board of trustees after their establishment on or after July 1, 1967, pursuant to law. Representatives of the resident faculty, and many other knowledgeable sources, were consulted. The credentials of a considerable number of distinguished candidates were examined. Interviews and confidential references were utilized.

The Advisory Committee now recommends to The Ohio State University and Miami University the appointment of Dr. Brage Golding, present Head of the School of Chemical Engineering, Purdue University, as Vice President, The Ohio State

September 8, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

Letter from Mr. Robert Oelman (continued)

University, and Vice President, Miami University, with the assignment of serving as chief administrator of Wright State Campus with responsibility for its total operation.

On July 25, 1966, the Advisory Committee reported to the two parent universities its tentative selection of Dr. Golding as its nominee for this position, and the terms of appointment which appeared to be necessary and appropriate for proposal to the prospective appointee. With the concurrence of the presidents of the two parent universities, but subject to approval of the respective boards of trustees, the Advisory Committee then presented a proposal to the nominee.

Terms of this proposal are as follows:

Title: Vice President, The Ohio State University, and Vice President, Miami University, with the additional operating designation of President-elect, Wright State University.

Salary: \$30,000.00 per year payable in equal monthly installments.

Powers and duties: To serve as chief administrator of Wright State Campus with responsibility for its total operation.

Other considerations: A requirement that the appointee live in a residence to be leased or purchased, and maintained, by the Wright State Campus/University, for the convenience of the institution; membership in the State Teachers Retirement System; and use of a state automobile. Necessary and proper entertainment expense incurred by the duties of the office to be reimbursed from non-public sources.

Tenure: The customary manner of appointment to vice presidential positions by each of the respective parent universities, without guaranteed tenure beyond one year.

Date of effect: October 1, 1966, with the understanding that from that date forward until the appointee can spend full time on this assignment, he will spend at least one third of full time on duty at the Wright State Campus and shall be compensated during such interim period at the rate of one third of full-time salary.

After interviews of the nominee by the presidents of the parent universities, a specific proposal containing these terms was presented to the nominee, subject to approval of the boards of trustees of the parent universities, on August 1, 1966. This proposal subsequently was approved by the nominee.

The Wright State Campus Advisory Committee now recommends consideration of this appointment by the boards of trustees of Miami University and The Ohio State

September 8, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

Letter from Mr. Robert Oelman (continued)

University at their earliest convenience. It is our best judgment that this appointment will be a major step forward in the development of Wright State Campus as an important state university.

Respectfully submitted,

/s/

Robert S. Oelman, Chairman
Wright State Campus Advisory Committee

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C. Motor Vehicle, Traffic and Parking Regulations,
The Ohio State University - Branch Campuses

The construction of facilities on branch campuses makes necessary the revision of The Ohio State University Code of Motor Vehicle Regulations, and the filing of such revisions with the Secretary of State. The proposed revisions have the support of the Dean, University College, and the Directors of the branches at Lima, Mansfield, Marion and Newark.

NOW BE IT RESOLVED that the Motor Vehicle, Traffic and Parking Regulations adopted by the Board of Trustees on June 10, 1965, and filed with Ohio Secretary of State on August 18, 1965, be and hereby are amended as shown in Amendment No. 1, filed with the official records of the Board of Trustees, and that these rules of the Board of Trustees of The Ohio State University regulating and controlling the use of motor vehicles on the land and property of The Ohio State University located in the City of Columbus, County of Franklin; County of Allen; City of Mansfield, County of Richland; County of Marion; City of Newark, County of Licking; the foregoing all in the State of Ohio; and

BE IT RESOLVED that the June 10, 1965, action of the Board of Trustees, be and hereby is amended to include the pamphlets, maps and booklets, entitled "Motor Vehicle Regulations, Branch Campuses," and is approved and made a part of the said Motor Vehicle, Traffic and Parking Regulations of The Ohio State University; and

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

Upon motion of Mr. Bricker, seconded by Mr. France, the above resolution was adopted by unanimous voice vote.

September 8, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES

It was recommended that all personnel changes since the July 14, 1966 meeting of the Board as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Changes in Administrative Responsibilities, Change in Title, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Changes in Administrative Responsibilities

G. Robert Holsinger, Jr., Dean of the Division of Continuing Education, changed to Executive Assistant to the President, effective September 1, 1966, at a salary of \$19,368.00 per annum. Dr. Holsinger will become a member of the President's Cabinet and serve as its Secretary and continue as Secretary of the University Faculty. He will hold the rank of Assistant Professor in the Department of Classical Languages and the School of Journalism at "No Salary."

Leon I. Twarog, Professor and Chairman, Department of Slavic Languages and Literatures, changed to Associate Dean of Faculties for International Programs (part time - 50%), effective October 1, 1966. Dr. Twarog will continue to serve as Professor and Chairman of the Department of Slavic Languages and Literatures and receive a total salary of \$21,768.00 per annum.

Ralph M. Johnson, Acting Dean of the College of Biological Sciences, changed to Dean of the College of Biological Sciences, effective October 1, 1966, at a salary of \$23,868.00 per annum. He will continue to hold the rank of Professor in the Departments of Physiological Chemistry, Animal Science, Horticulture and Forestry, and the School of Home Economics.

B. Change in Title

Roy F. Reeves, Director of the Computer Center, changed to Associate to the Vice President for Research and Director of the Computer Center, effective July 1, 1966, at a total salary of \$24,168.00 per annum (\$20,568.00 in the Department of Mathematics and \$3,600.00 in the Office of Research). He will continue to hold the rank of Professor in the Department of Mathematics (part time - 85%).

C. Appointments

Mary Ellen Caldwell appointed Professor in the College of Law, effective October 1, 1966, at a salary of \$15,168.00 per annum.

Saul M. Siegel appointed Professor in the Department of Psychology, effective October 1, 1966, at a salary of \$17,268.00 per annum.

September 8, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Appointments (continued)

Peter J. Roquette appointed Professor in the Department of Mathematics, effective October 1, 1966, at a salary of \$23,268.00 per annum.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Gilbert L. Atkinson, Jr., Instructor (Area Extension Agent, 4-H), effective September 26, 1966 through November 18, 1966, to participate in a program of professional improvement at Merrill-Palmer Institute.

Bobbie D. Davis, Instructor (County Extension Agent, Agriculture) Vinton County, effective August 16, 1966 through September 30, 1966, to participate in a program of professional improvement at the University of Maryland.

Calvin D. Knight, Instructor (County Extension Agent, Agriculture) Ashland County, effective October 1, 1966 through December 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Thomas J. McDonough, Instructor (Area Extension Agent, 4-H) Wooster Area Center, effective September 26, 1966 through November 18, 1966, to participate in a program of professional improvement at Merrill-Palmer Institute.

Gretchen E. Robinson, Instructor (County Extension Agent, Home Economics) Union County, effective September 15, 1966 through January 31, 1967, to participate in a program of professional improvement at Indiana University.

Edwin J. Royer, Instructor (Extension Specialist, Fruit and Vegetable Marketing), effective October 1, 1966 through December 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Allen L. Ulrich, Instructor (County Extension Agent, 4-H) Lorain County, effective October 1, 1966 through March 15, 1967, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

James B. Christoph, Professor, Department of Political Science, effective January 1, 1967 through June 30, 1967, to accept a Fulbright Award in Europe.

September 8, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Ernest G. Ehlers, Professor, Department of Mineralogy, effective October 1, 1966 through September 30, 1967, to accept a Fulbright Fellowship at the University of Utrecht in The Netherlands.

Alexander M. Main, Professor, School of Music, effective October 1, 1966 through June 30, 1967, to complete work on his music appreciation textbook.

William D. Ploughe, Associate Professor, Department of Physics, effective October 1, 1966 through September 30, 1967, to work for the U. S. Atomic Energy Commission.

Robert P. Worrall, Sr., Associate Professor (part time - 7%), Cooperative Extension Service, and Administrative Assistant (part time - 39%), College of Agriculture and Home Economics - Administration, effective October 1, 1966 through June 30, 1967, to serve in India under the Ford Foundation grant.

Ronald B. Gold, Assistant Professor, Department of Economics, effective October 1, 1966 through September 30, 1967, to do research at Harvard University under an AID project.

Robert C. McGiffert, Assistant Professor, School of Journalism, effective September 1, 1966 through June 30, 1967, to accept a position as Lecturer at the University of Montana.

G. Wayne Burkhart, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective October 1, 1966 through September 30, 1967, to participate in a program of professional improvement at The Ohio State University.

Donald E. Cook, Instructor, College of Dentistry, effective October 1, 1966 through September 30, 1967, for personal reasons.

Jean D. Dickerscheid, Instructor, School of Home Economics, effective October 1, 1966 through June 30, 1967, to complete work on her Ph. D. degree.

Richard P. Dickey, Instructor (part time - 20%), Department of Obstetrics and Gynecology, effective August 1, 1966. (Military Leave)

September 8, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Margaret A. Goode, Instructor, School of Nursing, effective August 3, 1966 through September 28, 1966, for personal reasons.

Robert B. Lewis, Instructor (County Extension Agent, 4-H) Columbiana County, Cooperative Extension Service, effective October 1, 1966 through December 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Janice M. Martin, Instructor (County Extension Agent, Home Economics) Hancock County, Cooperative Extension Service, effective October 1, 1966 through June 30, 1967, to participate in a program of professional improvement at Michigan State University.

Ellin Sucheston, Instructor, Department of English, effective October 1, 1966 through September 30, 1967, for personal reasons.

Milton D. McLean, Director, Religious Affairs Center, effective October 10, 1966 through December 9, 1966, to serve as a Visiting Professor in the Department of Philosophy, Southern Illinois University, Carbondale, Illinois.

F. Emeritus Title

Camille J. Botte, Department of Economics, with the title Assistant Professor Emeritus, effective July 1, 1966.

Upon motion of Mr. Jones, seconded by Mr. France, the Changes in Administrative Responsibilities, Change in Title, Appointments, Leaves 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 September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government 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. #28 - Engineering Experiment Station).
Gross Value - \$99,000.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865 - Ext. #8 - College of Pharmacy).
Gross Value - \$15,817.00.
- a3. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Factors Influencing Experimental Cancer of Uterus (to be known as National Institutes of Health Project No. 1005 - Ext. #7 - Department of Pathology).
Gross Value - \$23,503.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Self-administered Procedures in Speech and Hearing (to be known as National Institutes of Health Project No. 1414 - Ext. #4 - Department of Speech).
Gross Value - \$46,669.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #1 - Division of Biophysics).
Gross Value - \$29,463.00.
- a6. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Perform Research on the Spectroscopy of the Far Infrared Region (to be known as Electronic Systems Division Project No. 1577 - Mod. #7 - Department of Physics).
Gross Value - \$25,000.00.
- a7. Air Force Institute of Technology, Air University, WPAFB, Ohio, Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600-C - Sup. #15 - College of Commerce and Administration - Continuing Education).
Gross Value - \$117,091.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a8. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Perform Research on the High Resolution Infrared Spectroscopy of Molecules (to be known as Electronic Systems Division Project No. 1619 - Mod. #6 - Department of Physics).
Gross Value - \$20,000.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640 - Rev. Award, Ext. #3 - Department of Chemistry).
Gross Value - \$13,007.00.
- a10. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Amend. 6/28/66 - Department of Business Organization).
Gross Value - \$4,494.00.
- a11. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1657 - Sup. #6 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,000.00.
- a12. Classified Program (to be known as Classified Program Project No. 1801 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$99,989.00.
- a13. U. S. Department of Agriculture, Agricultural Research Service, 1815 North University Street, Peoria, Illinois, Basic Investigations on the Organic Chemistry of Unsaturated and Sulfur-Containing Carbohydrates (to be known as U. S. Department of Agriculture, Agricultural Research Service Project No. 1827 - Amend. #1 - Department of Chemistry).
Gross Value - \$20,452.00.
- a14. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - Sup. #3 - Department of Pathology).
Gross Value - \$28,832.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a15. National Science Foundation, Washington, D. C., The Geochronology of the Keweenawan Rocks of Michigan and Origin of the Copper Deposits (to be known as National Science Foundation Project No. 1847 - Amend. #1 - Department of Geology).
Gross Value - \$2,400.00.
- a16. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873 - Ext. #2 - Department of Microbiology).
Gross Value - \$18,516.00.
- a17. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Emission Spectra by Phase Discrimination Method (to be known as Electronic Systems Division Project No. 1896 - Mod. #3 - Department of Physics).
Gross Value - \$19,989.00.
- a18. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Research Study at Flight Enthalpies in the Range of Velocity from 10,000 to 60,000 Feet Per Second (to be known as Systems Engineering Group, Research and Technology Division Project No. 1941 - Sup. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$100,620.00.
- a19. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Distribution and Metabolism of Dihydroquinidine- H^3 (to be known as National Institutes of Health Project No. 2013 - Ext. #1 - Department of Pharmacology).
Gross Value - \$17,564.00.
- a20. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Influence of Structure on Verbal Behavior (to be known as National Institutes of Health Project No. 2016 - Ext. #1 - Department of Psychology).
Gross Value - \$21,420.00.
- a21. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as U. S. Atomic Energy Commission Project No. 2035 - Mod. #1 - Department of Chemistry).
Gross Value - \$36,000.00.

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 Institute of Technology, Air University, WPAFB, Ohio, Research and Services to Review and Present Courses of Instruction in the School of Systems and Logistics (to be known as Project No. 2043 - Sup. #8 - Defense Management Center).
Gross Value - \$17,500.00.
- a23. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - Sup. #2 - Department of Veterinary Pathology).
Gross Value - \$121,064.00.
- a24. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Role of Estrogen in the Endometrium (to be known as National Institutes of Health Project No. 2050 - Ext. #1 - Department of Obstetrics and Gynecology).
Gross Value - \$11,172.00.
- a25. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., Role Conceptions of Pharmacists and Community Health (to be known as Bureau of State Services Project No. 2056 - Ext. #1 - College of Pharmacy).
Gross Value - \$15,325.00.
- a26. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - Rev. Award 6/29/66 - Department of Medicine).
Gross Value - \$5,066.00.
- a27. Department of Health, Education and Welfare, Welfare Administration, Children's Bureau, Washington, D. C., Relationship of Maternal Health to Family Solidarity Among Low-Income Families in 23 Appalachian Counties (to be known as Welfare Administration Project No. 2072 - Ext. #1 - School of Home Economics).
Gross Value - \$23,857.00.
- a28. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Human Spermatic Vein Steroids (to be known as National Institutes of Health Project No. 2084 - Ext. #1 - Department of Medicine).
Gross Value - \$14,841.00.

September 8, 1966 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)

- a29. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085 - Ext. #1 - Department of Pharmacology). Gross Value - \$28,451.00.
- a30. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Some Aspects of Iron Metabolism (to be known as National Institutes of Health Project No. 2086 - Ext. #1 - Institute of Nutrition and Food Technology). Gross Value - \$17,721.00.
- a31. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Diffusion Coefficients on Drug Absorption (to be known as National Institutes of Health Project No. 2089 - Ext. #1 - College of Pharmacy). Gross Value - \$7,090.00.
- a32. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Order on Energy Levels in Sensitizers (to be known as National Institutes of Health Project No. 2092 - Ext. #1 - Department of Physics). Gross Value - \$21,608.00.
- a33. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164 - Ltr. of 6/13/66 - Department of Microbiology). Gross Value - \$7,776.00.
- a34. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Pilot Study Involving Media in Instructional Systems Development (to be known as Office of Education Project No. 2182 - New - Teaching Aids Laboratory). Gross Value - \$9,988.00.
- a35. Naval Air Systems Command, Washington, D. C. , Electronically Polarized Microwave Antennas (to be known as Naval Air Systems Command Project No. 2187 - New - Department of Electrical Engineering). Gross Value - \$30,000.00.

September 8, 1966 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)

- a36. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Definitive Study of the Characteristic of Toughness of Engineering Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2188 - Sup. #1 - Department of Metallurgical Engineering).
Gross Value - \$20,000.00.
- a37. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A New Concept of In-Service Training (to be known as Office of Education Project No. 2190 - New - School of Education).
Gross Value - \$71,249.00.
- a38. U. S. Department of Interior, Fish and Wildlife Service, Washington, D. C. , Endocrine Response to DDT and Social Stress in the Male Mallard Duck (to be known as U. S. Department of Interior, Fish and Wildlife Service Project No. 2222 - New - Department of Zoology and Entomology).
Gross Value - \$23,901.00.
- a39. U. S. Air Force, The Pentagon, Washington, D. C. , High Frequency Aircraft Antennas (to be known as U. S. Air Force Project No. 2235 - New - Department of Electrical Engineering).
Gross Value - \$63,900.00.
- a40. Classified Program (to be known as Classified Program Project No. 2240 - New - Department of Electrical Engineering).
Gross Value - \$39,988.00.
- a41. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Conference on Research in Music Education (to be known as Office of Education Project No. 2250 - New - School of Music).
Gross Value - \$28,609.00.
- a42. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Lipid Metabolism in the Human Placenta (to be known as National Institutes of Health Project No. 2254 - New - Department of Pediatrics).
Gross Value - \$16,224.00.
- a43. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , Utilization of Community Helpers for Meeting the Psychological and Educational Needs of Emotionally Handicapped Children (to be known as Office of Education Project No. 2259 - New - Department of Psychology).
Gross Value - \$34,533.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a44. National Science Foundation, Washington, D. C. , A Gravity and Magnetic Survey of Anvers Island, Antarctica (to be known as National Science Foundation Project No. 2264 - New - Institute of Polar Studies).
Gross Value - \$8,500.00.
- a45. National Aeronautical and Space Administration, Washington, D. C. , Stress Corrosion Cracking of Titanium Alloys (to be known as National Aeronautical and Space Administration Project No. 2267 - New - Department of Metallurgical Engineering).
Gross Value - \$78,348.00.
- a46. Agency for International Development, Washington, D. C. , Human Resources Development Training Seminar for AID Human Resources Officers (to be known as Agency for International Development Project No. 2268 - New - Department of Economics).
Gross Value - \$39,944.00.
- a47. Air Force Missile Development Center, P. O. Box 393, Holloman AFB, New Mexico, Categorization of Behavior Schedules (to be known as Air Force Missile Development Center Project No. 2269 - New - Department of Psychology).
Gross Value - \$38,154.00.
- a48. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, Initial Stages in the Oxidation of Metals and Alloys (to be known as Army Research Office - Durham Project No. 2270 - New - Department of Metallurgical Engineering).
Gross Value - \$22,697.00.
- a49. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Proposal to Encourage the Full Utilization of Educational Talent in Several Ohio Schools (to be known as Office of Education Project No. 2271 - New - School of Education and Department of Psychology).
Gross Value - \$59,886.00.
- a50. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Study Conference on Use of Long-Term Anticoagulants (to be known as National Institutes of Health Project No. 2272 - New - Department of Medicine).
Gross Value - \$10,775.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a51. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, The Study of the Reaction Kinetics of Hydrogen-Air Mixtures (to be known as Systems Engineering Group, Research and Technology Division Project No. 2273 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,852.00.
- a52. National Science Foundation, Washington, D. C. , Continuation of Investigation of the Solar Spectrum in the Range 0.295 - 5.0 Microns (to be known as National Science Foundation Project No. 2275 - New - Department of Astronomy).
Gross Value - \$48,200.00.
- a53. Air Force Institute of Technology, Air University, WPAFB, Ohio, Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics and in Executive Engineering for the Civil Engineering Center (to be known as Air Force Institute of Technology Project No. 2276 - New - Defense Management Center).
Gross Value - \$778,610.00.
- a54. U. S. Department of Labor, Office of Manpower, Automation and Training, Washington, D. C. , An Analysis of Government Training Programs in Ohio: A Case Study of Graduates of Manpower Development and Training Act Courses in Selected Occupations (to be known as U. S. Department of Labor, Office of Manpower, Automation and Training Project No. 2277 - New - Department of Economics).
Gross Value - \$2,608.00.
- a55. Air Force Institute of Technology, Air University, WPAFB, Ohio, Research, Development and Teaching of Weapon Systems Management for the DWSMC, Air Force Institute of Technology (to be known as Air Force Institute of Technology Project No. 2278 - New - Defense Management Center).
Gross Value - \$100,883.00.
- a56. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Role of Enzyme Interactions in Metabolic Regulation (to be known as National Institutes of Health Project No. 2279 - New - Department of Biochemistry).
Gross Value - \$20,256.00.
- a57. Classified Program (to be known as Classified Program Project No. 2280 - New - Department of Electrical Engineering).
Gross Value - \$79,610.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a58. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Endocrine and Behavioral Changes After Septal Damage (to be known as National Institutes of Health Project No. 2281 - New - Department of Psychiatry).
Gross Value - \$37,525.00.
- a59. National Science Foundation, Washington, D. C., Nuclear Physics Research With 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2282 - New - Department of Physics).
Gross Value - \$200,700.00.
- a60. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Identification of Nursing Action With Patients Having Open-Heart Surgery (to be known as Bureau of State Services Project No. 2284 - New - Department of Business Organization).
Gross Value - \$49,332.00.
- a61. Department of Army, Defense Supply Service - Washington, Washington, D. C., Cytological Studies (to be known as Department of Army, Defense Supply Service - Washington Project No. 2285 - New - Department of Pathology).
Gross Value - \$116,072.00.
- a62. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Experimentally Induced Serous Otitis Media (to be known as National Institutes of Health Project No. 2286 - New - Department of Otolaryngology).
Gross Value - \$20,784.00.
- a63. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Intestinal Absorption of Iron (to be known as National Institutes of Health Project No. 2287 - New - Department of Medicine).
Gross Value - \$12,541.00.
- a64. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Mucosal Effects of Gastric and Intestinal Resection (to be known as National Institutes of Health Project No. 2288 - New - Department of Surgery).
Gross Value - \$23,659.00.
- a65. National Science Foundation, Washington, D. C., Studies on In Situ Polyribosomes in Certain Bacteria (to be known as National Science Foundation Project No. 2289 - New - Department of Microbiology).
Gross Value - \$8,500.00.

September 8, 1966 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)

- a66. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Aflatoxin Injury and Carcinogenesis in Trout Liver (to be known as National Institutes of Health Project No. 2290 - New - Department of Pathology).
Gross Value - \$25,301.00.
- a67. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Tracheostomy Suctioning--An Experimental Study (to be known as Bureau of State Services Project No. 2291 - New - School of Nursing).
Gross Value - \$18,520.00.
- a68. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Sulfur Heterocycles as Anti-microbial Agents (to be known as National Institutes of Health Project No. 2293 - New - College of Pharmacy).
Gross Value - \$12,979.00.
- a69. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Cellular Localization of Gastrin (to be known as National Institutes of Health Project No. 2295 - New - Department of Pathology).
Gross Value - \$20,640.00.
- a70. U. S. Department of Interior, Fish and Wildlife Service, Washington, D. C., Study of a Strip-Mined Area in Perry County, Ohio (to be known as U. S. Department of Interior, Fish and Wildlife Service Project No. 2296 - New - Department of Zoology and Entomology).
Gross Value - \$14,814.00.
- a71. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Gas Solubilities in Selected Solvents and Solutions (to be known as National Institutes of Health Project No. 2298 - New - Department of Chemistry - Wright State Campus).
Gross Value - \$13,524.00.
- a72. Air Force Office of Scientific Research, OAR, Arlington, Virginia, Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2303 - New - Department of Physics).
Gross Value - \$32,545.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a73. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305 - New - Department of Medicine).
Gross Value - \$26,186.00.

TOTAL - Government Contracts - Federal \$3,346,634.00

2. Government Contract - State

- a1. Ohio Department of Health, 540 East Town Street, Columbus, Ohio, Newborn Care (to be known as Ohio Department of Health Project No. 2052 - Ext. #1 - Department of Pediatrics).
Gross Value - \$60,000.00.

3. Industrial and Other Contracts

- a1. Alloy Casting Institute, 300 Madison Avenue, New York, New York, Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #18 - Engineering Experiment Station).
Gross Value - \$24,000.00.
- a2. Ohio Tuberculosis and Health Association, 1575 Neil Avenue, Columbus, Ohio, Intracellular Parasitism of the Tubercle Baccillus (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #9 - Department of Microbiology).
Gross Value - \$5,728.15.
- a3. Illuminating Engineering Research Institute, 345 East 47th Street, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #9 - Division of Biophysics).
Gross Value - \$25,912.00.
- a4. American Heart Association, Inc., 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association Project No. 1694 - AHA Letter 7/1/66 - Department of Physiology).
Gross Value - \$1,000.00.
- a5. Association for the Aid of Crippled Children, 345 East 46th Street, New York, New York, Predictive Value of the Infant Examination (to be known as Association for the Aid of Crippled Children Project No. 1859 - Ext. #2 - Department of Pediatrics - Children's Hospital).
Gross Value - \$28,262.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts (continued)

- a6. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, Pressure-flow Relationship of the Coronary System as Studies in Intact Anesthetized Dogs (to be known as American Heart Association Project No. 1866 - Ext. #2 - Department of Physiology).
Gross Value - \$10,065.00.
- a7. American Petroleum Institute, 1271 Avenue of the Americas, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #1 - Department of Chemical Engineering).
Gross Value - \$10,000.00.
- a8. The National Foundation, March of Dimes, 85 East Gay Street, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as The National Foundation Project No. 2054 - Ext. #1 - Department of Pediatrics).
Gross Value - \$27,656.00.
- a9. The Procter & Gamble Company, Division of Dental Research, Cincinnati, Ohio, Study of Dental Caries (to be known as The Procter & Gamble Company Project No. 2065 - Ext. #1 - College of Dentistry).
Gross Value - \$60,317.00.
- a10. The Procter & Gamble Company, Division of Dental Research, Cincinnati, Ohio, Study of Dental Calculus (to be known as The Procter & Gamble Company Project No. 2070 - Ext. #1 - College of Dentistry).
Gross Value - \$22,800.00.
- a11. Teledyne, Inc. , P. O. Box 888, Charlottesville, Virginia, Wind Tunnel Test (to be known as Teledyne, Inc. Project No. 2204 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$4,625.00.
- a12. Tuberculosis Society of Columbus and Franklin County, 503 Oak Street, Columbus, Ohio, Pulmonary Capillary Blood Volume and Pulmonary Membrane Diffusing Capacity in the Patients with Pulmonary Emphysema (to be known as Tuberculosis Society of Columbus and Franklin County Project No. 2209 - New - Department of Medicine).
Gross Value - \$1,178.75.
- a13. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, Compartmentation of Heart Mitochondria (to be known as American Heart Association Project No. 2234 - New - Department of Physiological Chemistry).
Gross Value - \$14,135.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts (continued)

- a14. Marine Colloids, Inc., 2 Edison Place, P. O. Box 70, Springfield, New Jersey, Investigation in the Fields of Polysaccharides (to be known as Marine Colloids, Inc. Project No. 2236 - New - Department of Dairy Technology).
Gross Value - \$4,500.00.
- a15. Licensed Beverage Industries, Inc., 155 East 44th Street, New York, New York, Effect of Chronic Alcohol Administration on Immunologic Responsiveness (to be known as Licensed Beverage Industries, Inc. Project No. 2260 - New - Department of Medicine).
Gross Value - \$5,000.00.
- a16. American Heart Association, Inc., 44 East 23rd Street, New York, New York, Duration of the Phases of Systole - An Index of Ventricular Function in Man (to be known as American Heart Association Project No. 2274 - New - Department of Medicine).
Gross Value - \$11,000.00.
- a17. Foundation's Funds for Research in Psychiatry, 100 York Street, New Haven, Connecticut, Optimum Dose of Psychotropic Drugs Determined by Measuring Just Noticeable Differences in Taste (to be known as Foundation's Funds for Research in Psychiatry Project No. 2283 - New - Department of Psychiatry).
Gross Value - \$11,520.00.
- a18. Andrew Corporation, P. O. Box 807, Chicago, Illinois, New Transmission Line Techniques (to be known as Andrew Corporation Project No. 2294 - New - Department of Electrical Engineering).
Gross Value - \$19,483.00.
- a19. Kent State University, Kent, Ohio, Research and Continuing Education on Community Growth and Fiscal Problems (to be known as Kent State University Project No. 2299 - New - Bureau of Business Research).
Gross Value - \$10,766.00.

TOTAL - Industrial and Other Contracts \$297,947.90

The foregoing ninety-three contracts for research in cooperation with Government, Industry and Other represent a gross income of \$3,704,581.90.

Upon motion of Mr. France, seconded by Mr. Bricker, 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.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from July 1, 1966 through August 22, 1966, 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 Contract

EES 248X Fundamentals of Soil Compaction, Ohio Department of
Ext. #3 Highways, Ohio Departments Building, Columbus, Ohio,
Bureau of Public Roads, Washington, D. C.
Gross Value - \$103,375.00.

2. Industrial Research Contracts

EES 250X Thin Film Hall Effect Devices, F. W. Bell, Incorporated,
Ext. #3 Columbus, Ohio.
Gross Value - \$4,000.00.

EES 284X Evaluation of Lift Coefficients and Pressure Gradients
on Rotor Blades, The Boeing Company, Vertol Division,
Morton, Pennsylvania.
Gross Value - \$3,983.00.

EES 287X Investigation of the Use of Vibratory Energy to Cut or
Fail Brittle Material in a More Efficient Manner Than
Now Available Commercially, The Black and Decker
Manufacturing Company, Towson, Maryland.
Gross Value - \$8,025.00.

EES 288X A Study of V-Belts, Dayco Corporation, Springfield,
Missouri.
Gross Value - \$6,100.00.

TOTAL - Industrial Research Contracts \$22,108.00

The foregoing five contracts for research in the Engineering Experiment Station represent a gross income of \$125,483.00.

C. Agreement Between the College of Medicine of The Ohio State University and Sun Ridge Convalescent Center for an Affiliate Teaching Program

To enhance the instructional and research programs for undergraduate, graduate and professional students of medicine, of nursing and of allied medical services, the Dean of the College of Medicine has proposed that an agreement be executed between the Sun Ridge Convalescent Center and the College of Medicine of The Ohio State University, whereby said students will be given an opportunity to gain experiences in the care and treatment

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between the College of Medicine of the Ohio State University and Sun Ridge Convalescent Center for an Affiliate Teaching Program (continued)

of patients at Sun Ridge Convalescent Center. Thus, the professional staff of Sun Ridge Convalescent Center will collaborate in the teaching of The Ohio State University students in a private convalescent center. Should such an agreement be approved, it is expected that beginning Autumn Quarter 1966 a selected number of students of the College of Medicine, which includes the Schools of Nursing and Allied Medical Services, may spend a portion of their time at Sun Ridge Convalescent Center.

The President of Sun Ridge Convalescent Center has indicated his willingness to participate in an affiliate teaching program and it was therefore recommended that the President of The Ohio State University be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the Board of Trustees by unanimous voice vote authorized the President to sign an agreement between the College of Medicine of The Ohio State University and Sun Ridge Convalescent Center for an affiliate teaching program.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 14, 1966, 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. \$228,109.00 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 Dr. Ernest W. Johnson, Department of Physical Medicine, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 151-T-67)
2. \$129,700.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of the facilities project "Construction of Astronomy Facilities as an Addition to the Physics Building." (GU-2007)
3. \$110,142.00 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 Dr. William H. Saunders, Department of Otolaryngology, for the period July 1, 1966 through June 30, 1967. (Grant No. 2 T01 NB05397-04)

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$74,468.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training Grant in Medicine," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1966 through June 30, 1967. (Grant No. 1 T12 CA08110-01)
5. \$63,665.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 222-T-67)
6. \$48,929.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University under provisions of Title V, Part C of the Higher Education Act of 1965. This grant covers support for the Experienced Teacher Program in Geography, the Prospective Teachers Fellowship Program in Foreign Language and Art Appreciation and History of Art for the period of three years--June 27, 1966 through June 27, 1969.
7. \$40,466.00 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 Dr. Saad Z. Nagi, Department of Sociology and Anthropology, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 473-T-67)
8. \$27,603.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching and Traineeship Grant in Occupational Therapy," under the direction of Professor Barbara Locher, School of Allied Medical Services, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 176-T-67)
9. \$26,116.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching and Traineeship Grant in Physical Therapy," under the direction of Professor Gladys G. Woods, School of Allied Medical Services, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 209-T-67)
10. \$17,500.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for "Behavioral Sciences Research Equipment," under the direction of Professor J. Eugene Haas, Department of Sociology and Anthropology (Behavioral Sciences Laboratory). This grant is effective September 1, 1966, for approximately one year. (GS-1347)

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

11. \$11,521.00 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 July 1, 1966 through June 30, 1967. (Grant No. 2 R13 DE02045-03)
12. \$8,000.00 additional grant from National Science Foundation, Washington, D. C. 20550, to the University for "Secondary Science Training Program," under the direction of Professor Arnold E. Ross, Department of Mathematics. (GW-666, Amendment No. 1)

TOTAL - Received Through the Office of Business and Finance \$786,219.00

B. Received Through the Development Fund

1. \$144,040.00 in securities from the Estate of Clara Ihrig Linhardt, deceased, for the establishment of the Clara Ihrig Linhardt Memorial Fund.

Clara Ihrig Linhardt Memorial Fund

The Clara Ihrig Linhardt Memorial Fund was established July 19, 1966, by a bequest under the will of said Clara Ihrig Linhardt.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

Principal and/or income may be used for any purpose in the discretion of the Board of Trustees of The Ohio State University.

2. \$21,392.00 from the Bell Telephone Laboratories, Columbus, Ohio, for the Bell Telephone Teaching and Research Fund in the College of Engineering.
3. \$20,000.00 from The National Cash Register Company, Dayton, Ohio, for the National Cash Register Doctoral Fellowship Fund in Business Organization.
4. \$19,910.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
5. \$16,000.00 from the Ohio Lions Eye Research Foundation, Columbus, Ohio--\$8,000.00 for the Institute for Research in Vision and \$8,000.00 for the Ohio Lions Eye Research Fund.
6. \$13,489.08 from the American Medical Association Education and Research Foundation for the National Fund for Medical Education.

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$10,735.00 from Union Carbide Corporation, South Charleston, West Virginia--\$3,625.00 for Union Carbide Corporation Fellowship in Chemistry, \$3,610.00 for Union Carbide Corporation Fellowship Fund in Chemical Engineering and \$3,500.00 for Union Carbide Corporation Fellowship in Welding Engineering.
8. \$10,000.00 from the Procter & Gamble Company, Cincinnati, Ohio, for the Procter & Gamble Company Dental Laboratory Research Fund.
9. \$8,400.00 from International Nickel Company, Inc., New York, New York, for the International Nickel Company Fellowship Fund in Metallurgical Engineering.
10. \$8,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund in the College of Medicine.
11. \$6,500.00 from Bristol Laboratories, Syracuse, New York--\$4,000.00 for the Arthritis and Rheumatism Foundation and \$2,500.00 for the Bristol Laboratories Fund.
12. \$6,000.00 from the John and Mary Markle Foundation for the John and Mary Markle Foundation Fund in the College of Medicine.
13. \$6,000.00 from Parke, Davis and Company, Detroit, Michigan, for the Parke, Davis and Company Fellowship Fund.
14. \$5,022.50 from Mrs. Dorothy Joseph Fenburr (Mrs. Herbert L.) for the Herbert L. Fenburr Laboratory in Chemical Engineering.
15. \$5,000.00 from Helen Harvey Hosford for the new Alumni House Fund.
16. \$5,000.00 from The Bethlehem Steel Corporation for the Bethlehem Steel Corporation Research Fund in Metallurgical Engineering.
17. \$5,000.00 from the Gulf Oil Corporation Foundation, Pittsburgh, Pennsylvania, for the Gulf Research and Development Corporation Fund in Metallurgical Engineering.
18. \$5,000.00 in securities from R. L. Ireland to be added to the R. L. Ireland Fund.
19. \$4,200.00 from North American Aviation, Inc. for the North American Aviation Fellowship Fund in Aviation Medicine.
20. \$4,150.00 from the American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fellowship Fund.

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. \$4,000.00 from Marie Adamson Flesher to be added to The Flesher Fellowship Fund.
22. \$4,000.00 from the Chrysler Corporation Fund for a fellowship in the Department of Chemistry.
23. \$3,670.00 from International Business Machines Corporation for the International Business Machines Corporation Scholarship Fund.
24. \$3,500.00 from Joyce Products Company (Henry M. O'Neill, Sr. and Henry M. O'Neill, Jr.) for the Student Athlete Grant-In-Aid Fund.
25. \$3,000.00 from the Central Ohio Chapter of the National Kidney Foundation for the National Kidney Disease Foundation Fund.
26. \$2,500.00 from the W. B. Calkins Foundation Trust to the University for deposit in the W. B. Calkins Foundation Trust Fund, Account No. 179989.
27. \$2,500.00 from Mrs. Laura Foy Heekin (Mrs. Robert E.) to be added to the Robert E. Heekin Memorial Fund.
28. \$2,500.00 from the Kent Foundation to the University for deposit in the Kent Foundation Fund, Account No. 179989.
29. \$2,000.00 from Wilbur K. Jones to the University for deposit in the Wilbur K. Jones Fund, Account No. 179989.
30. \$2,000.00 from J. Gilbert Reese, Newark, Ohio, for the Newark Branch Campus Site Fund.
31. \$1,800.00 from Texaco, Inc., Tulsa, Oklahoma, for the Texaco Scholarship Fund.
32. \$1,500.00 from The Hildreth Foundation, Inc. (Gordon Hildreth) for the Student Athlete Grant-In-Aid Fund.
33. \$1,300.00 from Frederick W. LeVeque for the Student Athlete Grant-In-Aid Fund.
34. \$1,000.00 from the Barnes-Hind Ophthalmic Products, Sunnyvale, California, for the Barnes-Hind Fund in Optometry.
35. \$1,000.00 from John B. Conard for the John B. Conard Fund in Ceramic Engineering.
36. \$1,000.00 from Max M. and Marjorie S. Fisher Foundation to the University for deposit in the Max M. and Marjorie S. Fisher Fund, Account No. 179989.

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

37. \$1,000.00 from Arthur Gluck to be added to the Jennie Fried Gluck Memorial Fund.
38. \$1,000.00 from the Jasam Foundation, Inc. for the Corrugated Container Company Fund.
39. \$1,000.00 from Carol S. Kennedy--\$500.00 for the Carol S. Kennedy Fund in Geology and \$500.00 for the Carol S. Kennedy Scholarship Fund.
40. \$1,000.00 from The Kroger Company for the Kroger Scholarship Fund.
41. \$1,000.00 from The Merck Company Foundation for research in the Department of Medical Microbiology.
42. \$1,000.00 from Melvin D. Ross--\$500.00 for the Melvin D. Ross Student Loan Fund and \$500.00 for the Melvin D. Ross Library Fund.
43. \$1,000.00 from Herbert W. Salter for the Herbert W. Salter Fund for Family Medical Care.

TOTAL - Received Through the Development Fund \$368,108.58

C. Gifts-in-Kind

1. A gift of two doors from the Aluminum Company of America for the University's DC3 airplane.
2. A collection of books from Christian E. Burckel, New York, New York, for The Ohio State University Library.
3. A gift of equipment from the Obrig Laboratories, Inc., Sarasota, Florida, for the School of Optometry.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the acceptance of the above 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

1. June, 1966

In June, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

September 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,178	\$ 67,504.70
Individuals other than alumni	90	6,730.43
Nonprofit organizations	33	43,111.11
Business concerns	32	85,969.57
	<u>2,333</u>	<u>\$203,315.81</u>

Of these gifts, 1,817 totaling \$17,402.65 were undesignated and 516 totaling \$185,913.16 were designated.

2. July, 1966

In July, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	828	\$ 25,149.50
Individuals other than alumni	193	6,780.66
Nonprofit organizations	31	71,526.48
Business concerns	18	99,346.89
	<u>1,070</u>	<u>\$202,803.53</u>

Of these gifts, 625 totaling \$5,718.00 were undesignated gifts and 445 totaling \$197,085.53 were designated.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Taylor Tower	\$ 8,152.00
2. Electronics Laboratories	954.00
3. Ohio Union, Third Floor Addition South Wing	5,564.00
4. Telephone Ducts Relocation - 18th Avenue	898.40
5. Olentangy River Bank Improvements	2,450.00
6. Aerodynamics and Missile Propulsion Laboratory	15,005.85
7. Engineering Classrooms and Laboratories	3,065.23
8. Materials Engineering and Science Building	1,874.00
9. Raney Commons	3,969.00
10. Repairs to Exterior Masonry	7,000.00
Total Addition	<u>\$48,932.48</u>

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. Credit Orders to Contracts

1. Raney Commons	\$ 5,297.00
2. Taylor Tower	1,506.75
Total Deduction	<u>\$ 6,803.75</u>

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendation 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, it was 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 - Extension to Condenser Lines

This project involves the installation of a 42" diameter corrugated steel pipe underground to extend present condenser return cooling water pipe lines to enter the Olentangy River at a point about 500 ft. downstream from the present pump intake lines.

Funds for this project will be provided from Budget Account 801096.

B. River Dormitory - Completion of Access Road

This project will provide an access road from 12th Avenue, south and west of the Pharmacy Building and over the dike to the area south of the River Dormitories.

Funds for this project will be provided from Item 053, H. B. 202, and Item 053, H. B. 949.

C. Completion of Repairs to University Airport Drainage System

This project is necessary to complete the original contract, terminated for just cause by the Attorney General of the State of Ohio. The work consists of completing the construction of various size sewers, manholes, including excavation, all backfilling including grits, removal of all water, disposal of surplus excavated material, restoration of all surfaces disturbed or destroyed and sodding as necessary.

Funds will be provided from money remaining from the original contract and Budget Account 121658.

September 8, 1966 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

D. Driveway to Royer Commons

This project will provide access to Royer Commons during the construction of Jones Tower.

Funds will be provided for this project from Dormitory Construction Funds.

Upon motion of Mr. Jones, 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 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 for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Research Laboratory - Repairs and Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 5-23-66)		
Robert H. Johns Company (Columbus)		
Base Bid	\$ 9,320.00	\$ 10,850.00
Alt. G-1 Replace Fiber Board With Drywall	282.00	345.00
Alt. G-2 Work in Room 124	842.00	1,150.00
Total Contract	<u>\$ 10,444.00</u>	<u>\$ 12,345.00</u>

Electrical Contract

(1 bid received 7-18-66)

Reco Electric, Inc. (Columbus)

Base Bid	\$ 10,595.00	\$ 10,400.00
Alt. E-2 Work in Room 124	970.00	1,200.00
Total Contract	<u>\$ 11,565.00</u>	<u>\$ 11,600.00</u>

Plumbing Contract

(No bids received. This work will be accomplished through the Service Department.)

<u>Total Contracts</u>	<u>\$ 22,009.00</u>	<u>\$ 23,945.00</u>
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Funds for this project will be provided from Budget Account 175041.

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Exterior Painting for 1966

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
(3 bids received 7-19-66)		
Bexley Decorating Company (Columbus)	\$ 16,440.00	\$ 18,000.00

Funds for this project are provided from Budget Account 121658.

C. Parking Ramp, Arps Hall Site

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 7-19-66)		
Garwick & Ross (Columbus)		
Base Bid	\$ 789,700.00	\$ 966,815.00
Alt. A Hydraulic Elevator	16,000.00	20,000.00
Alt. B Expansive Cement	6,200.00	8,000.00
Total Contract	<u>\$ 811,900.00</u>	<u>\$ 994,815.00</u>

Plumbing Contract

(4 bids received 7-19-66)

Piping Contractors Company (Cols.)

Base Bid	\$ 36,964.00	\$ 45,716.00
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Heating and Ventilating Contract

(3 bids received 7-19-66)

Limbach Company (Columbus)

Base Bid	\$ 3,400.00	\$ 6,088.00
Alt. C Heat for Elevator Shaft	930.00	1,700.00
Total Contract	<u>\$ 4,330.00</u>	<u>\$ 7,788.00</u>

Electrical Contract

(5 bids received 7-19-66)

Electric Power Equipment Company
(Columbus)

Base Bid	\$ 104,831.00	\$ 155,500.00
Alt. D Permit Card Control System	1,475.00	4,400.00
Alt. F Exterior Flood Lights	1,350.00	6,000.00
Total Contract	<u>\$ 107,656.00</u>	<u>\$ 165,900.00</u>

<u>Total Contracts</u>	<u>\$ 960,850.00</u>	<u>\$1,214,219.00</u>
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Funds for this project will be provided from Budget Account 801067.

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. University Hospital, Repairs to Operating Rooms
9, 10, 11, 12 and Related Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 7-19-66)		
E. J. Will & Co. (Columbus)	\$ 79,967.00	\$ 105,000.00
<u>Plumbing Contract</u>		
(1 bid received 7-7-66)		
Kuempel Co. (Columbus)	16,334.00	18,000.00
<u>Heating and Ventilating Contract</u>		
(1 bid received 7-7-66)		
Kuempel Co. (Columbus)	7,240.00	7,800.00
<u>Electrical Contract</u>		
(1 bid received 7-7-66)		
Electric Power Equipment Co. (Cols.)	52,619.00	54,200.00
<u>Total Contracts</u>	<u>\$ 156,160.00</u>	<u>\$ 185,000.00</u>

Funds for this project are provided from Hospital Rotary.

E. Athletic Facility North, Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 7-20-66)		
Mason & Isabel, Inc. (Columbus)		
Base Bid	\$ 117,980.00	\$ 125,000.00
Alt. G-1 Glazed Facing Tile Partitions	20,000.00	30,000.00
Alt. G-2 Resilient Floors	3,270.00	7,000.00
Alt. G-3 Folding Partitions	820.00	1,000.00
Alt. G-4 Site Improvement	22,500.00	35,000.00
Total Contract	\$ 164,570.00	\$ 198,000.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 7-7-66)		
The Kuempel Company (Columbus)	77,205.00	97,000.00
<u>Plumbing Contract</u>		
(2 bids received 7-20-66)		
The Kuempel Company (Columbus)	108,230.00	125,000.00

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Athletic Facility North, Phase II (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(7 bids received 7-7-66)		
S & S Electric Company (Columbus)	\$ 56,800.00	\$ 65,000.00
<u>Total Contracts</u>	<u>\$ 406,805.00</u>	<u>\$ 485,000.00</u>

Funds for this project will be provided from Athletic Department Funds.

F. The Ohio State University Printing Facility, Phase I

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 7-20-66)		
Krause & Pagura, Inc. (Columbus)		
Base Bid	\$ 157,533.00	\$ 175,000.00
Alt. G-1 Insulated Roof Panels	34,760.00	35,000.00
Total Contract	<u>\$ 192,293.00</u>	<u>\$ 210,000.00</u>
<u>Plumbing Contract</u>		
(1 bid received 7-20-66)		
Limbach Company (Columbus)		
Base Bid	\$ 41,100.00	\$ 50,000.00
<u>Total Contracts</u>	<u>\$ 233,393.00</u>	<u>\$ 260,000.00</u>

Funds for this project are provided in Item 049, H. B. 949, and University Funds.

G. The Ohio State University Laundry Building, Phase I

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 7-20-66)		
Timmons, Butt and Head, Inc. (Cols.)		
Base Bid	\$ 155,726.00	\$ 175,000.00
Alt. G-1 Insulated Roof Panels	32,000.00	39,500.00
Alt. G-2 Insulated Wall Panels	10,900.00	12,500.00
Total Contract	<u>\$ 198,626.00</u>	<u>\$ 227,000.00</u>

Funds for this project are provided in Budget Account 801059.

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

H. School of Nursing Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 7-26-66)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$1,369,700.00	\$1,330,200.00
Alt. G-1 Steel Lockers	15,800.00	18,000.00
Alt. G-3 Wood Paneling	9,900.00	7,300.00
Alt. G-4 Carpeting	700.00	650.00
Alt. G-5 Improved Sound Attenuation		
Third Floor	2,200.00	4,500.00
Alt. G-6 Window Changes, Third Floor	1,500.00	3,500.00
Alt. G-7 Borrowed Light Partitions,		
Third Floor	1,100.00	1,500.00
Total Contract	<u>\$1,400,900.00</u>	<u>\$1,365,650.00</u>

<u>Plumbing Contract</u>		
(6 bids received 7-26-66)		
National Corporation (Columbus)		
Base Bid	\$ 78,800.00	\$ 214,000.00
Alt. P-2 Vacuum Cleaning System	6,400.00	9,000.00
Total Contract	<u>\$ 85,200.00</u>	<u>\$ 223,000.00</u>

<u>Heating and Air Conditioning Contract</u>		
(6 bids received 7-26-66)		
Huffman-Wolfe Company (Columbus)		
Base Bid	\$ 274,800.00	\$ 440,500.00

<u>Electrical Contract</u>		
(3 bids received 7-26-66)		
S & S Electric Company, Inc. (Cols.)		
Base Bid	\$ 162,100.00	\$ 257,690.00
Alt. E-2 Vacuum Cleaning System		
Wiring	1,340.00	750.00
Total Contract	<u>\$ 163,440.00</u>	<u>\$ 258,440.00</u>

<u>Total Contracts</u>	<u>\$1,924,340.00</u>	<u>\$2,287,590.00</u>
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Funds for this project will be provided from Item 016, S. B. 370, Item 041, and a Public Health Service Grant.

I. Pomerene Hall - Modernization of Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 7-26-66)		
Reco Electric, Inc. (Columbus)		
	\$ 2,700.00	\$ 3,500.00

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

I. Pomerene Hall - Modernization of Air Conditioning (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u> (6 bids received 7-26-66) Kuempel Company (Columbus)	\$ 14,240.00	\$ 15,000.00
<u>Total Contracts</u>	<u>\$ 16,940.00</u>	<u>\$ 18,500.00</u>

Funds for this project are provided in Budget Account 157400.

J. Recreational Facilities Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 8-10-66) Pence Electric Co. (Columbus)	\$ 10,724.00	\$ 35,200.00

Funds for this project are provided in Budget Account 801075.

K. Goss Laboratory - Repairs and Improvements to Ventilation System

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (1 bid received 8-15-66) Claggett Electric Company (Columbus)	\$ 5,846.00	\$ 8,000.00

Mechanical Contract
(1 bid received 8-15-66 and it was over the estimate. The Service Department will do this part of the project.)

Funds for this project are provided in Budget Account 121658.

L. Driveway to Royer Commons

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 8-16-66) Garwick & Ross, Inc. (Columbus)	\$ 16,900.00	\$ 25,400.00
<u>Plumbing Contract</u> (1 bid received 8-16-66) Pence Electric Company (Columbus)	690.00	1,160.00

September 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

L. Driveway to Royer Commons (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (3 bids received 8-18-66)		
Pence Electric Company (Columbus)	\$ 961.00	\$ 1,184.00
<u>Total Contracts</u>	<u>\$ 18,551.00</u>	<u>\$ 27,744.00</u>

Funds for this project will be provided from Dormitory Construction Funds.

M. Wiseman Hall Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 8-18-66)		
Baker & Coombs of Ohio, Inc. (Cols.)	\$ 965,500.00	\$1,255,579.00
<u>Plumbing Contract</u> (3 bids received 8-18-66)		
Duckworth Plumbing & Heating Co. (Columbus)	144,889.00	150,671.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (6 bids received 8-18-66)		
Limbach Company (Columbus)	317,350.00	326,441.00
<u>Electrical Contract</u> (6 bids received 8-18-66)		
Mid-City Electric Company (Columbus)	204,976.00	239,699.00
<u>Total Contracts</u>	<u>\$1,632,715.00</u>	<u>\$1,972,390.00</u>

Funds for this project will be provided from Item 016, S. B. 370, Item 042, H. B. 202, and a Public Health Service Grant.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above awards 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. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 66 Approves the transfer and release of \$77,400.00 from Item 034 Special Research Facilities to Item 046 Horticulture, Forestry and Food Technology Facility, H. B. 949, to provide for engineers' fees for this project.
- 67 Approves the transfer and release of \$10,000.00 in Item 016 Medical Complex to Item 052 Mental Retardation Center, H. B. 202, to provide funds for preliminary plans for this project.
- 68 Approves the expenditure of \$10,250.00 to complete acquisition of 40 lots on the north side of the campus previously approved. These funds will be provided from Dormitory and Parking Revenue Funds.
- 1 Approves the release of \$29,000.00 from Item 033, H. B. 202, to provide funds for the project "Completion of Curl Drive."
- 2 Approves the transfer and release of \$3,018,647.00 from Item 027 Graduate Research Center for Engineering and Physical Sciences, to Item 011 Electronics Laboratories, H. B. 202, to provide for construction of the Electronics Laboratories.
- 3 Establishes a new account, Item 053, Roadway, River Dormitories to King Avenue, H. B. 202, and approves the transfer of an uncommitted balance in Item 033, H. B. 202, to this new account to provide for construction of this new roadway.
- 4 Establishes a second account in H. B. 949 for the project "Roadway River Dormitories to King Avenue" and approves the transfer of uncommitted balances in six accounts to Item 053, H. B. 949, to provide funds for this project.
- 5 Approves the award to the low bidder on the general division of the project "School of Nursing" without further competitive bidding and the transfer and release of \$1,061,301.00 from Item 016, H. B. 202, to Item 041 so that contracts can be awarded.
- 6 Approves the acquisition of property located at 137 West Tenth Avenue.
- 7 Approves the acquisition of property located at 1610-1612 Hunter Avenue.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Purchase of Buildings and Property, 1610-1612 Hunter Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Donald C. Dolle, Marlene E. Dolle, Frank R. Williams and Mary Ellen Williams at a price of \$17,000.00:

September 8, 1966 meeting, Board of Trustees

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

A. Purchase of Buildings and Property, 1610-1612 Hunter Avenue (continued)

Being the south 47.47' off Lot 34, College Place Addition, Columbus, Franklin County, Ohio, and commonly known as 1610-1612 Hunter Avenue.

Funds are available in Dormitory Revenue Funds for this purchase.

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

B. Purchase of Buildings and Property, 137 West Tenth Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Alta S. Mann at a price of \$16,000.00:

Being 84.90' off the north side of Lot 51, William N. King's Second Subdivision, Columbus, Franklin County, Ohio, and commonly known as 137 West Tenth Avenue.

Funds are available in the Dormitory Revenue Fund for this purchase.

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

C. Employment of Engineers - McCracken Power Plant, Fuel Oil System Remodeling

It was recommended that the firm of Moulenbelt & Seifert, Consulting Engineers, be employed to provide complete professional engineering services for the redesign of the fuel oil distributing and pumping system including the preparation of drawings, specifications, estimate of cost and bidding documents.

The fee for this service will be \$5,500.00 and funds are available in Budget Account 801096.

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

D. Employment of Engineers - River Dormitory, Completion of Access Road

It was recommended that the firm of Jones-Stuckey, Ltd., Civil Engineers, be employed to provide complete professional engineering services for this project including surveys, design, preparation of drawings, specifications, estimate of cost, bidding documents and complete field supervision.

The fee will be calculated on the basis of 7 per cent of the contract cost, an estimated \$2,975.00, and funds will be provided from Item 053, H. B. 202 and H. B. 949.

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

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

E. Employment of Architects, Mental Retardation Facility

It was recommended that the firm of Potter, Tyler, Martin & Roth, Architects, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and complete supervision of construction.

The fee will be calculated on the basis of 6 per cent of the first million, 5 1/2 per cent of the second million and 5 per cent of the balance of the contract cost of the project. Funds are provided for this service from Item 052, H. B. 202, and from an anticipated Federal Grant.

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

F. Easement for Storm Sewer, County of Marion, Ohio

The Marion County Commissioners have requested permission to construct a storm sewer on State of Ohio lands, which lands have been designated for use by The Ohio State University Marion Branch. The sewer will serve the campus as well as a drainage area north of the campus and will be located on the southeast portion of the 180-acre parcel acquired by the State of Ohio in December, 1965. The deed to said property is recorded in Marion County deed records, Volume 415, page 207.

It was recommended that the construction and maintenance of the storm sewer through University lands be approved in a location not inimical to the interests of the University. It was further recommended that the President and/or the Vice President for Business and Finance be authorized to request the Director of Public Works of the State of Ohio, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for installation of said storm sewer.

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

G. Demolition of Buildings - Water Resources Pilot Sewage Treatment Plant

It was recommended that the Vice President for Business and Finance be authorized to proceed with demolition and removal of all facilities at the Water Resources Pilot Sewage Treatment Plant.

This demolition should be accomplished in the most advantageous manner.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

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

H. Purchase of Land - Fairfield County

It was recommended that the Vice President for Business and Finance be authorized to obtain survey, legal description, appraisal and other basic information as necessary and thereafter proceed with the purchase of approximately 65 acres of land located in the northwest quarter of Section 14, Township 14, Range 20, Fairfield County, Ohio, from Frank D. Phipps at a price not to exceed \$30,000.00.

Funds are available in the University Treasurer General Fund and title shall be held in the University endowment portfolio in the name of the Board of Trustees of The Ohio State University pursuant to Section 3335.13 of the Ohio Revised Code.

Upon motion of Mr. Bricker, seconded by Mr. France, 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 Samuel H. Cobb, Associate Professor Emeritus in the Department of Physical Education - Men's Division; and Mildred Fisher Marple, Assistant Professor Emeritus in the Department of Geology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Samuel H. Cobb

The Board of Trustees expresses its sorrow at the death on June 25, 1966, of Samuel H. Cobb, Associate Professor Emeritus in the Department of Physical Education - Men's Division.

Professor Cobb was born on January 15, 1891, in Vienna, Austria. He received the B. A. degree from Amherst College and a degree in Physical Education from Springfield College, Springfield, Massachusetts. He was appointed Instructor of Physical Education at The Ohio State University in 1920. He became Assistant Professor in 1921 and Associate Professor in 1944. In addition to teaching Physical Education, Professor Cobb also served as Assistant Track and Cross Country Coach for Intercollegiate Athletics in 1927-28. He served his country in the military service in World War I and World War II. He was also State Commander of the American Legion, State of Ohio, in 1936-37.

Upon his retirement in 1952, Professor Cobb remained active in Chatham, Massachusetts, on the Park Commission and in American Legion-sponsored Little League Baseball.

Professor Cobb is remembered, by those who studied and worked with him, as a dedicated teacher and as one who made many contributions to the improvement of Physical Education.

September 8, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Samuel H. Cobb (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.

B. Mildred Fisher Marple

The Board of Trustees expresses its sorrow at the death on August 4, 1966, of Mildred Fisher Marple, Assistant Professor Emeritus in the Department of Geology.

Professor Marple was born in Columbus, Ohio, on November 11, 1898. She received three degrees from The Ohio State University--Bachelor of Arts in 1921, Master of Arts in 1922 and Doctor of Philosophy in 1950. She served as Instructor at Wellesley College during 1923-24 and as Geologist with the Ohio Division of Geological Survey and Curator of the Geological Museum at The Ohio State University from 1950 to 1955. She served as Assistant Professor of Geology and Curator of the Geological Museum from 1955 until her retirement in 1959.

Professor Marple was a member of Sigma Xi and the Paleontological Society; a Fellow of the Geological Society of America and of the Ohio Academy of Science; and served as Editor of the Association of Geology Teachers for several years.

Dr. Marple specialized mainly in micropaleontology and published several papers on Paleozoic Ostracodes and Foraminifera. She wrote several popular information circulars published by the Ohio Division of Geological Survey and was co-author of a popular work on Ohio Fossils.

Professor Marple is remembered with affection by a host of colleagues and former students. She earned a doctorate in geology at a time when this was an unusual accomplishment, and she became a living example to young women geologists who followed in her footsteps. As a curator, she was outstanding for her untiring attention to detail and her constant willingness to oblige those who wished to examine the specimens in her care. As a teacher, she is remembered for her wide knowledge of geology and her sympathetic attitude toward students. The Department of Geology and the Geological Museum are forever in her debt for her devoted attention to her duties and the fine sense of responsibility with which she preserved and recorded the materials in her care.

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. Transportation Research Center - Authorization to Execute an Agreement Between The Ohio State University and the Ohio Department of Highways

President Fawcett reported completion of the negotiations with the Ohio Department of Highways pertaining to acquisition of land for the establishment of the Transportation Research Center, pursuant to the April 14, 1966 action of the Board of Trustees. This action provides that the Ohio Department of Highways will furnish \$1,000,000 and The Ohio State University from State-appropriated funds will furnish another \$1,000,000.

Upon motion of Mr. James Shocknessy, seconded by Mr. John Ketterer, the Board of Trustees by unanimous vote authorized the President to formalize the negotiations into an agreement between The Ohio State University and the Ohio Department of Highways pursuant to the April 14, 1966 action of the Board of Trustees.

B. Report from the North Central Association of Colleges and Secondary Schools Advising of Continued Full Accreditation

President Fawcett reported that from February 27 to March 3, 1966, a Visiting Committee from the North Central Association of Colleges and Secondary Schools worked on our campus to complete a periodic inspection of the University's academic program.

On August 5, 1966, the President and the Vice President for Academic Affairs, Dr. John E. Corbally, Jr., appeared in Chicago before the North Central Association Commission on Colleges and Universities to review the Committee's report of findings, to answer questions and to provide such information as was requested. On August 10, 1966, the University was advised that the Executive Board of the Commission on Colleges and Universities, at its meeting on August 5, voted to continue accreditation of The Ohio State University as a Doctor's Degree-Granting Institution.

The official communication follows:

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

- B. Report from the North Central Association of Colleges and Secondary Schools Advising of Continued Full Accreditation (continued)

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August 10, 1966

President Novice G. Fawcett
Ohio State University
Columbus, Ohio 43210

Dear President Fawcett:

On the basis of the many strengths identified by the visiting team, the Executive Board of the Commission on Colleges and Universities, at its meeting on August 5, voted to continue the accreditation of Ohio State University as a Doctor's degree-granting institution.

Thank you for your fine cooperation in the review of your institution. We shall welcome any comments you may wish to make about the review program.

Sincerely,

/s/

Norman Burns

NB:im

cc: John Ashton
Harold Christensen
Stanley Wenberg
Horst Frenz
Ray Koppelman

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- C. Report from the Council on Medical Education of the American Medical Association Advising that the Full Accreditation of the College of Medicine Will Be Continued Until 1976

President Fawcett reported that in February, 1966, a Liaison Committee on Medical Education from the Council on Medical Education of the American Medical Association and the Executive Council of the Association of American Medical Colleges visited our campus for the second time in three years to inspect the quality of medical education at The Ohio State University. On August 4, 1966, the University was advised by both medical bodies that the College of Medicine will continue on full accreditation for ten years following February 17, 1966.

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

C. Report from the Council on Medical Education of the American Medical Association Advising that the Full Accreditation of the College of Medicine Will Be Continued Until 1976 (continued)

President Fawcett commended the faculty and the administration of the College of Medicine for the effective manner in which preparation was made for the above inspection and stated, "I am exceedingly happy to recognize publicly the importance of continuing accreditation for a full ten-year period."

The communication referred to above is as follows:

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August 4, 1966

President Novice G. Fawcett
The Ohio State University
College of Medicine
410 West Tenth Avenue
Columbus, Ohio 43210

Dear President Fawcett:

The Council on Medical Education of the American Medical Association and the Executive Council of the Association of American Medical Colleges separately and conjointly through the Liaison Committee on Medical Education, have accepted and approved the report of the Liaison Survey Team visit on February 15-17, 1966. Signed copies of the report are being forwarded to you and to Dean Richard L. Meiling. Acceptance of this report carries with it continued full approval of the Ohio State University College of Medicine and continued Institutional Membership in the Association of American Medical Colleges, effective the final date of the survey visit, February 17, 1966.

We hope that the survey report will prove constructive and helpful and that you will forward to us any comments you may care to make in connection with it. We are particularly anxious that our file material be accurate and would, therefore, appreciate your informing us of any factual errors which may appear in the material.

Both of the Councils consider the material in this report as of a confidential nature. The institution may, of course, use the material in any manner that may be helpful. In general, however, it is our wish that it will not be found desirable to make the report available to the public press.

Sincerely,

/s/

/s/

Walter S. Wiggins, M. D., Secretary
Council on Medical Education
American Medical Association

Robert C. Berson, M. D., Executive Director
Executive Council
Association of American Medical Colleges

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XI. REPORTS (continued)

D. Authorization to Acquire Property from Mary B. Anawalt

Mr. France presented the following recommendation and moved that it be approved:

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Mary B. Anawalt at a price of \$53,500.00:

Being a part of Lot No. 1, John Wilcox's Heirs Sub-division of the John Wilcox Farm in Township 2, Quarter Section 4, Range 19, United States Military Lands, containing 20.34 acres in Franklin County, Ohio, and commonly known as 5623 Godown Road.

Funds are available in the Investment Portfolio and title shall be held in the University endowment portfolio in the name of the Board of Trustees of The Ohio State University pursuant to Section 3335.13 Ohio Revised Code.

Following a second of Mr. France's motion by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

E. Bond Resolution, Fourth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters

Mr. France presented a report recommending adoption of the following resolution concerning the financing of student housing and dining facilities, consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility, the issuance of Dormitory Revenue Bonds, Series I and J, and other matters related thereto:

RESOLVED, that the Board of Trustees hereby adopts the Series I and J Bond Resolution as set forth in the Fourth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus, Trustee, (presented to this meeting marked as Appendix II, page 225).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fourth Supplemental Trust Agreement (as presented to this meeting and marked Appendix II, page 225) in all respects, and the officers designated in the Series I and J Bond Resolution are hereby authorized to execute and deliver such Fourth 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 Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fourth Supplemental Trust Agreement or the original Trust Agreement dated as of April 15, 1957, or by the interim financing arrangement hereafter approved, and the 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 special funds pursuant to said original Trust Agreement, and the

XI. REPORTS (continued)

E. Bond Resolution, Fourth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters (continued)

President, Vice President, Business and Finance, and Treasurer, or any one of them, are authorized to arrange for such accounts in such banks as the officer acting may determine and the Secretary of the Board is authorized to include in the minutes as hereby adopted any standard forms of bank resolutions required in connection with effecting the foregoing.

FURTHER RESOLVED, that the parietal rules governing use and occupancy of the University's dormitory facilities, previously adopted by the Board of Trustees, and now in effect, be and they hereby are confirmed and deemed applicable to the dormitory facilities to be constructed from the proceeds of the Series I and J Bonds.

FURTHER RESOLVED, that the room and board rates for the dormitory and dining facilities to be financed with the proceeds of the Series I Bonds and Series J Bonds (viz., Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, Northeast Dining Facility) and North Commons shall be \$276.00 per student per quarter, and rental rates and board rates for other dormitory facilities of the University previously adopted by the Board, be and they are hereby confirmed and continued.

FURTHER RESOLVED, that the certificate of the President and Vice President, Business and Finance of the University (shown below) certifying as to sufficient earnings coverage as of July 1, 1967 for the issuance of the Series I and J Bonds as additional parity bonds under the Trust Agreement dated as of April 15, 1957, with The Ohio National Bank of Columbus, as Trustee, is hereby approved.

The Ohio State University
Schedule of Expected Earnings Coverage Under Section 6(b)
of Bond Resolution as of July 1, 1967 for Issuance of
\$14,000,000 Dormitory Revenue Bonds, Series I

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|--|-------------|
| 1. Net income from existing dormitory facilities for the fiscal year ended June 30, 1966. (Note 1) | \$2,314,200 |
| 2. Estimated annual net income from North Commons and dormitory facilities being financed through issuance of the Series I Bonds. (Note 2) | |

North Commons, Raney Commons, Archer, Drackett, Houck, Nosker, and Taylor (construction bids already taken)	\$420,512
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Dennis and Jones (construction bids not yet taken)	<u>185,164</u>
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Total	<u>605,676</u>
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September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

E. Bond Resolution, Fourth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters (continued)

The Ohio State University
Schedule of Expected Earnings Coverage Under Section 6(b)
of Bond Resolution as of July 1, 1967 for Issuance of
\$14,000,000 Dormitory Revenue Bonds, Series I

3.	Total estimated net income from existing facilities described in Item 1 and facilities to be constructed from proceeds of Series I Bonds referred to in Item 2.	<u>\$2,919,376</u>
4.	Maximum amount to become due in any succeeding fiscal year for principal and interest on Series A, B, C, D, E, F, G, H and I Bonds. (Note 3)	<u>\$2,080,810</u>
5.	Ratio of total net income to maximum principal and interest requirements on Series A, B, C, D, E, F, G, H and I Bonds.	<u>1.4032</u>

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 Fifth Supplemental Trust Agreements.

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. 95% occupancy is consistent with experience to date. It is hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March 1965 and North Commons in January 1966, Archer, Houck and Nosker Houses and Taylor Tower, will be in operation and revenue producing by October 1966, and that Raney Commons will be in operation and revenue producing by January 1967.

Note 3 Series I Bonds are computed at 4-3/4% for 40 years. Series A through H are computed on basis of actual interest rates for those bonds.

XI. REPORTS (continued)

E. Bond Resolution, Fourth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters (continued)

FURTHER RESOLVED, that the adoption of the Series I Bond Resolution and approval of the Fourth Supplemental Trust Agreement on September 13, 1963, and the adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement on March 11, 1965, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series I and J Bond Resolution and approval of the Fourth Supplemental Trust Agreement by the aforesaid action this day.

Upon motion of Mr. France, seconded by Mr. Bricker, the foregoing resolution set forth in E above, was unanimously adopted by roll call vote.

F. Interim Financing of Student Housing and Dining Facilities, Consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility

Mr. France presented the following resolution providing for the issuance of \$14,000,000 Dormitory Revenue Notes, Series 1966:

RESOLUTION providing for the issuance of \$14,000,000 Dormitory Revenue Notes, Series 1966, for the purpose of refunding a like principal amount of Dormitory Revenue Notes heretofore issued for the purpose of constructing and equipping certain dormitory and related dining facilities known as Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast 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 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, therefor, to construct and equip on the campus of the University the dormitory and dining facilities known as Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

F. Interim Financing of Student Housing and Dining Facilities, Consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility (continued)

Nosker Houses, and Northeast Dining Facility (said dormitory buildings and dining facility and all things incidental thereto 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 \$14,000,000 issued for the purpose of paying the costs of the Project, comprised of \$11,000,000 Dormitory Revenue Notes of 1965, dated as of March 15, 1965 and bearing interest at the rate of 2.65% per annum, and \$3,000,000 Dormitory Revenue Notes, Series, 1965, dated as of September 15, 1965 and bearing interest at the rate of 2.55% per annum, all maturing on September 15, 1966 (the said two outstanding note issues being herein collectively 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 \$14,000,000 to refund the Outstanding Notes prior to the completion of permanent financing of the Project to be represented by dormitory revenue bonds; and

WHEREAS, the Fiscal Officer of the University has heretofore solicited and received proposals for the purchase of said \$14,000,000 dormitory revenue notes, has advised the Board of the results thereof and has set forth in the Certificate of Award, appended hereto as Appendix III, page 257, that award of said notes as in his best judgment, confirmed herein by the Board is for the best interests of the University;

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 the Project 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 1966 (herein called the "1966 Notes"), in the aggregate principal amount of \$14,000,000 for the purpose of refunding the presently outstanding \$11,000,000 principal amount of The Ohio State University Dormitory Revenue Notes of 1965 dated as of March 15, 1965 and \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes, Series 1965, dated as of September 15, 1965.

Section 2. The principal of and interest on the 1966 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

XI. REPORTS (continued)

F. Interim Financing of Student Housing and Dining Facilities, Consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility (continued)

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 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 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 1966 Notes, of dormitory revenue bonds or notes for the refunding of the 1966 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 1966 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 1966 Notes shall be issued as bearer coupon notes, or in fully registered form without coupons, as requested by the Original Purchasers; shall be dated as of September 15, 1966, shall mature on September 15, 1967, shall bear interest at the rates per annum and payable as prescribed in the Certificate of Award appended hereto as Appendix III, page 257, shall be in denominations of \$5,000 or any multiples thereof as requested by the Original Purchasers and approved by the Fiscal Officer, shall be numbered as determined by the Fiscal Officer, and shall be executed by the Executive Officer and by the Fiscal Officer, provided that one such signature may be a facsimile, shall have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of the Fiscal Officer. The definitive notes shall be substantially in the forms attached hereto as Appendix IV, page 261, and Appendix V, page 267, 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 Purchasers may agree upon, provided that the entire issue may be represented by a single note if so agreed.

In order to facilitate early delivery of the 1966 Notes so as to retire when due the Outstanding Notes, prior to delivery of the definitive notes of the present issue, said notes may be in the discretion of the Fiscal Officer, be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the Paying Agent in exchange for definitive notes of like aggregate principal amount and related interest rates

XI. REPORTS (continued)

F. Interim Financing of Student Housing and Dining Facilities, Consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility (continued)

when the University shall notify the holder thereof that the definitive notes are available. Such exchange shall be made at no expense to the Original Purchasers.

Both the principal of and the interest on all coupon notes shall be payable at the principal office of the Paying Agent. Payment of the interest on coupon notes shall be made only upon presentation and surrender of the coupons representing such interest as the same respectively fall due. The principal of all registered notes shall be payable at the principal office of the Paying Agent and payment of the interest on registered notes without coupons shall be made on each interest payment date to the person appearing on the registration books of the University hereinafter provided for as the registered owner thereof, by check or draft mailed by the Paying Agent to such registered owner at his address as it appears on such registration books.

The University shall cause books to be kept by the Paying Agent as note registrar for the registration and transfer of notes as provided in this Resolution.

Title to any coupon note and to any interest coupon shall pass by delivery in the same manner as a negotiable instrument payable to bearer. Any registered note without coupons may be transferred only upon the books kept for the registration and transfer of such notes, upon surrender thereof together with an assignment duly executed by the registered owner or his attorney in such form as shall be satisfactory to the Paying Agent. Upon the transfer of any such registered note the University shall execute in the name of the transferee and deliver a new registered note or notes, without coupons, of any denomination or denominations authorized by this Resolution, in aggregate principal amount equal to the principal amount of such registered note, of the same maturity, and bearing interest at the same rate.

Except as otherwise provided in this Resolution, the University and the Paying Agent may make a charge for every such transfer of notes sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such transfer, and in addition may charge a sum sufficient to reimburse them for all costs and expenses incurred in connection with such transfer, and such charge or charges shall be paid before any such new note shall be delivered. Neither the University nor the Paying Agent shall be required to transfer any note or notes during the ten (10) days next preceding an interest payment date on the notes.

As to any registered note without coupons, the person in whose name the same is registered shall be deemed and regarded as the absolute owner thereof for all purposes and payment of or on account of the principal of any such note and the interest on any such registered note without coupons shall be made only to or upon the order of the registered owner thereof or his legal representative, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such note, including the interest thereon to the extent of the

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

F. Interim Financing of Student Housing and Dining Facilities, Consisting of Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility (continued)

sum or sums so paid. The University, and the Paying Agent may deem and treat the bearer of any coupon notes and the bearer of any coupon appertaining to any coupon note, as the absolute owner of such note or coupon, as the case may be, whether such note or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University nor the Paying Agent shall be affected by any notice to the contrary.

For the purposes of this resolution, "Paying Agent" shall mean a bank or trust company designated by the Original Purchaser of the largest principal amount of the 1966 Notes as the paying agent hereunder and approved by the Fiscal Officer (provided that (i) if two or more Original Purchasers purchase the same largest principal amount, the Paying Agent shall be such of their choices as is designated by the Fiscal Officer, and (ii) if the Paying Agent is outside Ohio, provision shall be made by the Fiscal Officer for a Co-Paying Agent in Ohio if requested by any Original Purchaser); "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.

Section 4. The award of the 1966 Notes as provided in the Certificate of Award appended hereto as Appendix III, page 257, is hereby in all respects approved, confirmed and ratified (the purchasers designated therein being the Original Purchasers referred to in this Resolution); and the Fiscal Officer is hereby authorized and directed to make delivery thereof promptly in accordance with this Resolution and said Certificate of Award, with appropriate transcript of proceedings, delivery certificates and bond counsel opinion at the expense of the University. The University will provide printed notes at its expense if requested by the Original Purchasers.

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. France, seconded by Mr. Ketterer, the foregoing resolution was adopted unanimously by roll call vote.

G. Bond Resolution for Parking System Revenue Bonds

Mr. France presented the following resolution providing for the issuance of \$4,500,000 of The Ohio State University Parking System Revenue Bonds, Series A:

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

BOND RESOLUTION PROVIDING FOR THE ISSUANCE OF \$4, 500, 000 THE OHIO STATE UNIVERSITY PARKING SYSTEM REVENUE BONDS, SERIES A, FOR THE PURPOSE OF CONSTRUCTING AND EQUIPPING CERTAIN BUILDINGS, STRUCTURES AND FACILITIES TO BE USED FOR OR IN CONNECTION WITH THE PARKING OF MOTOR VEHICLES.

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) by 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 therefor; 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, book stores, auditoriums, parking or motor vehicles, hospital, medical and health facilities, continuing education facilities, 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, book stores, auditoriums, parking facilities, hospital, medical and health facilities, continuing education 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 of 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 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 or any portion of the receipts of athletic events or from other sources not otherwise obligated 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

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

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 University has determined to construct and equip certain buildings, structures and facilities to be used for or in connection with the parking of motor vehicles, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles, all within or in close proximity to its campus (said constructing and equipping and all other things incidental thereto, including site improvements, or, where the context requires, said buildings, structures, facilities and sites themselves, being herein called the Project), to provide for the issuance of Parking System Revenue Bonds, Series A (herein sometimes called the Series A Bonds) to pay the cost of constructing and equipping the Project and to provide for the issuance of additional bonds (herein called Additional Bonds) as from time to time authorized, subject to the conditions contained in this Resolution and the below mentioned Trust Agreement, on a parity with the Series A Bonds (the Series A Bonds and such Additional Bonds from time to time outstanding being herein collectively called the Bonds), to provide for the pledging, application and disposition of the Pledged Receipts herein identified, and to provide for the execution and delivery of a trust agreement (herein called the Trust Agreement) to secure the Bonds; and

WHEREAS, the University has not pledged or encumbered the Pledged Receipts except as herein provided; and

WHEREAS, the Project is to be constructed pursuant to plans prepared by qualified architects and engineers and approved by the Department of Public Works of Ohio; and

WHEREAS, the Board has heretofore approved the traffic, parking, feasibility, and revenue surveys, analyses and reports submitted by Wilbur Smith and Associates; and

WHEREAS, the Board has heretofore approved the reports, estimates of cost, surveys, analyses, drawings and sketches submitted with reference to an engineering study, including findings, opinions and recommendations with respect to the size, design and cost feasibility, both as to the construction and operation of the Project; and

WHEREAS, based upon construction cost estimates prepared by the consulting engineers, the Board has estimated the cost of constructing the Project, including, without implied limitation, construction, equipment, site improvements, engineering, legal and administrative expenses, and any costs necessary to placing the Project in operation, together with provisions for contingencies, to be \$4,500,000; and

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

WHEREAS, the University has determined to borrow the funds to pay the foregoing costs by selling \$4, 500, 000 Parking System Revenue Bonds, Series A, as hereinafter provided, and to apply moneys now on hand, derived from fees charged for the parking of motor vehicles on the campus, to pay the balance of said costs.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY:

Section 1. Authorization of Series A Bonds, Use of Proceeds. It is hereby determined that the University shall issue and sell bonds for the purpose of obtaining funds to pay the Costs of the Project, as herein defined, and, to the extent of any balance to be deposited in the Debt Service Reserve Fund herein provided. Said bonds shall be designated The Ohio State University Parking System Revenue Bonds, Series A (hereinafter called the Series A Bonds).

Section 2. Terms of Series A Bonds. The Series A Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser thereof and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided in the Trust Agreement. The Series A Bonds in coupon form shall be dated as of the first day of the month in which the Board shall adopt the resolution approving the award of the Series A Bonds to the Original Purchaser as provided in Section 3 hereof (herein sometimes called the Resolution of Award) or such other date as may be determined by the Board, shall be in the denomination of \$1, 000 or \$5, 000 each, as determined in the Resolution of Award, and shall be registrable as to principal. Series A Bonds in fully registered form shall be in the denominations of the coupon bonds or any multiple thereof. Series A Bonds in both coupon and fully registered form shall be numbered as determined by the Treasurer of the University. Each Series A Bond in registered form without coupons shall be dated as of the interest payment date on which it is authenticated or the interest payment date next preceding the date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date; provided, however, if at the time of authentication of the registered bonds without coupons, interest is in default, such Series A Bond shall be dated as of the date to which interest has been paid. The Series A Bonds shall bear interest payable semi-annually on June first and December first of each year beginning with the first such date occurring at least six months after the date of the coupon bonds, at the rate or rates per annum determined in the Resolution of Award, and shall mature annually on December 1, in the years and in amounts as follows:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1969	\$ 80,000	1976	\$115,000	1983	\$155,000	1990	\$210,000
1970	85,000	1977	120,000	1984	160,000	1991	220,000
1971	90,000	1978	125,000	1985	170,000	1992	230,000
1972	95,000	1979	130,000	1986	175,000	1993	240,000
1973	100,000	1980	135,000	1987	185,000	1994	250,000
1974	105,000	1981	140,000	1988	190,000	1995	265,000
1975	110,000	1982	145,000	1989	200,000	1996	275,000

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

Series A Bonds maturing on and after December 1, 1969, shall be subject to redemption in whole or in part on any interest payment date on and after December 1, 1968, at redemption prices equal to the following percentages of the principal amount redeemed plus accrued interest to the date fixed for their redemption, to wit:

- 104% if redeemed on or before December 1, 1973;
- 103% if redeemed thereafter, but on or before December 1, 1978;
- 102% if redeemed thereafter, but on or before December 1, 1983;
- 101% if redeemed thereafter.

If less than the entire unmaturing portion of the Series A Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of those outstanding; and if less than all of said bonds outstanding of one maturity are to be called, the selection of bonds or portions of registered bonds of such maturity to be called shall be made by lot by the Trustee in such manner as the Trustee may determine.

Principal and interest thereon shall be payable at the principal office of the Trustee hereinafter provided for, or, at the option of the holder, at the principal office of _____, in the Borough of Manhattan, City and State of New York; provided that principal on registered bonds with or without coupons shall be payable only at the principal office of the Trustee and interest on fully registered bonds shall be payable by check or draft as provided in the Trust Agreement.

Series A Bonds shall be executed by the facsimile signature of the Chairman of the Board, shall be signed by the President or the Vice President, Business and Finance, of the University and attested by the Secretary of the Board, provided that such signatures may be facsimiles if authorized by the law in effect at the time of issuance, and shall bear the seal of the University or a facsimile thereof, and the interest coupons thereon shall bear the facsimile signature of the Treasurer of the University.

The Trust Agreement referred to herein is the Trust Agreement hereinafter provided for, between the University and _____ (herein with its successors called the Trustee).

Section 3. Sale of the Series A Bonds. Subject to the provisions of this resolution, the Vice President, Business and Finance, of the University is hereby authorized and directed to offer the Series A Bonds for sale, by advertisement in The Daily Bond Buyer or other financial journal of national circulation, to the highest bidder based on the lowest net interest cost; all in such manner and on such terms, not inconsistent with this resolution, as determined by him, including specifications in such advertisement, or in the Official Notice of Sale referred to therein, of such of the following as he may choose, together with such other terms as he may deem advisable: a maximum rate of interest less than the maximum rate provided below; a purchase price or range thereof; a maximum number of different interest rates; and a maximum

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

difference between the highest interest rate and the lowest interest rate. There shall not be more than one interest rate for any single maturity and no single interest rate shall exceed 6% per annum. The University shall provide the printed bonds and the costs of printing shall not be considered in determining the highest bid. Upon opening of bids, the Series A Bonds shall be awarded by resolution of the Board. The successful bidder to whom the Bonds shall be awarded pursuant hereto is herein sometimes called the Original Purchaser.

Section 4. Allocation of Proceeds of the Series A Bonds. The proceeds of all the Series A Bonds shall be allocated and applied by the University as follows in the following order of priority:

- (1) To the Parking System Debt Service Fund, herein established, the portion of such proceeds representing accrued interest to the date of delivery.
- (2) To the Parking System Debt Service Reserve Fund, herein established, the portion of the proceeds representing premium, if any, above par.
- (3) To the University or its obligees, the amounts, if any, necessary to retire notes issued or to repay borrowings made or advances received prior to the delivery of the Series A Bonds to pay the Costs of the Project, including payment of interest thereon, all to the extent permitted by Section 3345.11 of the Revised Code of Ohio.
- (4) The balance to the Parking System Construction Fund (herein called Construction Fund), hereby established, for the Project, to be held by the University in a separate deposit account, except when invested as hereinafter provided, and used to pay Costs of the Project. The Vice President, Business and Finance, is hereby authorized and directed to establish said deposit account with a bank or trust company which is a member of the Federal Deposit Insurance Corporation.

The Vice President, Business and Finance, shall apply said Construction Fund to the payment of Costs of the Project. As used in this Resolution, the term "Costs of the Project" shall include, without intending thereby to limit or restrict any proper definition of such costs under any applicable laws or sound accounting practice, the following: the costs of construction, equipping and furnishing the Project, including site clearance and improvements and all things necessary and incidental thereto, and including all costs and expenses of architectural, engineering, legal and other professional services, administrative and clerical costs and expense, all costs and expenses incurred in connection with the issuance, sale and delivery of the Series A Bonds, and all other necessary and miscellaneous expenses related to the financing and construction of the Project and placing it in operation including interest on the Series A Bonds and on interim construction financing during construction.

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such payment shall be made only upon certification by a qualified architect or engineer that such payment is due under such contract.

The moneys to the credit of the Construction Fund shall, pending application thereof as above set forth, be subject to a lien and charge in favor of the holders of the Series A Bonds, and the University covenants that it will not cause or permit to be paid from said fund any sums except in compliance with the provisions of this resolution and of the Trust Agreement.

The Construction Fund may be invested by the Vice President, Business and Finance, of the University in Permitted Investments, as defined in Section 10 hereof, with such maturities or redemption provisions and in such amounts, as nearly as practicable, as will provide funds when needed to pay Costs of the Project. Such investments and the proceeds of sale thereof and interest earned thereon shall constitute part of the Construction Fund and shall be maintained separately from other investments or funds of the University. The said investments shall be sold, exchanged or collected from time to time by the Vice President, Business and Finance, of the University.

Any balance in the Construction Fund remaining after paying all Costs of the Project or reserving therein such amounts as shall be necessary to pay the remaining Costs of the Project shall be transferred to the credit of the Parking Facilities Debt Service Reserve Fund.

Section 5. Application of Receipts; Special Funds. There is hereby established a special fund designated "Parking System Revenue Fund" (herein sometimes called the Revenue Fund) which fund shall be maintained in a deposit account or accounts with a bank or trust company which is a member of the Federal Deposit Insurance Corporation, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University, and which, 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.

There shall be maintained in the Parking Facilities Revenue Fund, as an Operating Reserve, such amount as is from time to time determined by the Vice President, Business and Finance, of the University as adequate and necessary for working capital for Operating and Maintenance Expenses of the Pledged Facilities.

From and after the issuance of the Series A Bonds, all Pledged Receipts, as defined in Section 10 hereof, shall be deposited in the Revenue Fund.

The Revenue Fund, including the Operating Reserve, shall be applied to pay when due the Operating and Maintenance Expenses of the Pledged Facilities, provided, however, that nothing contained herein or in the Trust Agreement shall be deemed to prohibit the University of its own volition from paying such expenses, or any portion thereof, from other funds of the University lawfully available for the purpose.

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

The remainder of the Revenue Fund, after retaining therein the current Operating Reserve and payment of said Operating and Maintenance Expenses then due, shall be applied as follows and in the following order of priority.

First: Into the Parking System Debt Service Fund (herein called the Debt Service Fund), hereby established and to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, (1) on or before May 15th and November 15th of each year, beginning with the first such date next preceding the first interest payment date of the Series A Bonds, amounts as shall be sufficient, with other moneys on hand therein or provided for such purpose from the Construction Fund, to pay the interest due on the next ensuing interest payment date on all Bonds then outstanding; (2) on or before May 15th and November 15th of each year, beginning May 15, 1969, such equal semi-annual amounts as shall be sufficient, with moneys then on hand therein, to provide for payment of the next ensuing principal maturity on all Bonds then outstanding and, if any of such Bonds shall be term Bonds, to provide an amount annually necessary to retire (by call or otherwise) at or before maturity thereof all term Bonds. No payments need be made to the Debt Service Fund or the Debt Service Reserve 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 Parking System Debt Service Reserve Fund (herein sometimes called the Debt Service Reserve Fund), hereby established, to be held by the Trustee as a separate fund for the payment of the Bonds as herein provided, on or before May 15th and November 15th of each year, beginning May 15, 1969, an amount at least equal to 20% of the amount payable on such deposit date into the Debt Service Fund, to the extent and so long as necessary to create and maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum annual amount required to be deposited to the Debt Service Fund in any subsequent year on account of all Bonds at the time outstanding.

Third: On May 15th and November 15th of each year, to the foregoing funds, such amounts as may be necessary to make up any previous deficiency in any deposits required by the foregoing paragraphs of this section.

Fourth: Into the Parking System Capital Replacement and Improvement Fund (herein called the Replacement and Improvement Fund), hereby established, and to be held by the University in a separate deposit account, except when invested as below provided, in a bank which is a member of the Federal Deposit Insurance Corporation and to be applied as herein provided, on or before May 15 and November 15 of each year, beginning May 15, 1969, the balance of such remainder of the Revenue Fund up to one-fourth of one percent of the cost of all Pledged Facilities to the extent and so long as necessary to create and maintain in said Replacement and Improvement Fund an amount equal to two percent of the cost of all Pledged Facilities (exclusive of the cost of land).

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Third above, any amounts in the Revenue Fund, after reserving therein the then current Operating Reserve, and an amount equal to the next ensuing payment to the Debt Service Fund, Debt Service Reserve Fund and Replacement and Improvement Fund, may be used for any purpose of the University for which such funds may be lawfully used.

The Debt Service Fund is 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 Permitted Investments, as the President or the Vice President, Business and Finance of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity, or first date of redemption at the option of the holder, 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 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 the purchase or redemption of Bonds. Until required for such purposes, moneys therein shall be invested by the Trustee in such Permitted Investments as the President or the Vice President, Business and Finance, of the University shall direct in writing, which obligations shall mature, or be redeemable at the option of the holder, in not more than ten 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 Replacement and Improvement Fund, 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 may be used to purchase Bonds for cancellation 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 or the Vice President, Business and Finance, of the University. The purchase price of Bonds purchased for cancellation shall not exceed their then prevailing call price, if any, nor exceed their fair market value. In determining such excess over the required reserve, the required reserve shall be determined on the basis of only those Bonds to be outstanding after the redemption or purchase for cancellation of the Bonds to be redeemed or purchased with such excess.

The Replacement and Improvement Fund is irrevocably pledged to, and shall be used by the University to improve, remodel, renovate, re-equip, or make replacements or additions to or extraordinary repairs of Pledged Facilities or to acquire sites for or construct or equip additional Pledged Facilities or for the retirement of Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided.

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

The University shall transfer from the Replacement and Improvement 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. Until required for such purposes, the Replacement and Improvement Fund may be invested by the President or the Vice President, Business and Finance, of the University in Permitted Investments maturing or redeemable at the option of the holder not more than ten years from the date of investment.

The Vice President, Business and Finance, may invest amounts in the Revenue Fund in Permitted Investments, provided that the amounts and maturities of such investments shall always be such as to keep available in the Revenue Fund sufficient moneys for payment of Operating and Maintenance Expenses and for the deposits provided above at the times needed for such purposes.

Investments, including the interest and other earnings and proceeds of sale thereof, of any amounts in a Special Fund shall be added to that particular Fund and used for the purposes of such Fund; provided, however, that income from investments of the Debt Service Reserve Fund, up to the amount of such Fund in excess of the required reserve therein, may at the option of the University be transferred at any time to the Debt Service Fund in anticipation of interest and principal on the Bonds to become due on future interest and principal payment dates. Such transfers shall be made by the Trustee upon the written directions of the President or Vice President, Business and Finance of the University.

Investments of amounts in the Debt Service Fund and the Debt Service Reserve Fund shall be sold, exchanged or collected from time to time as directed by the President or the Vice President, Business and Finance, 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 the officer acting are followed. Investments of moneys in Special Funds shall be valued at their face value amount or market value, whichever is lower.

Section 6. Additional Bonds. (a) The University shall have the right from time to time to issue Additional Bonds if necessary to pay the costs of completing the Project or any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of such documents as are required by 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 University shall also have the right from time to time to issue Additional Bonds to provide funds for purposes authorized by Section 3345.11 of the Revised Code of Ohio in connection with the parking of motor vehicles and the financing thereof. The Trustee shall authenticate and deliver Additional Bonds under this subdivision (b) upon (but only upon) receipt of the

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

documents required by the Trust Agreement and also a certificate of the President and the Vice President, Business and Finance, of the University (1) showing that the Net Income Available for Debt Service (as defined in Section 10 hereof) is equal to or greater than one and twenty one-hundredths (1.20) times the maximum amount payable into the Debt Service Fund in any succeeding year on account of all the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered, less any Bonds, or portion of fully registered bonds, which are to be redeemed or retired with the proceeds of such Additional Bonds, or with the proceeds of Additional Bonds theretofore issued, or issued concurrently with issuance of such new Additional Bonds; (2) showing that there were not included in such Net Income Available for Debt Service any receipts against which there is any prior claim other than the use thereof for the Operating and Maintenance Expenses of the Pledged Facilities; and (3) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee.

The resolution authorizing such Additional Bonds shall contain such provisions as to Fund deposits and other covenants as shall be consistent with the terms of this Resolution relating to all Bonds, shall not permit redemption of such Additional Bonds earlier than the first redemption date of Bonds then outstanding, and shall provide for deposit of the proceeds of sale thereof in the appropriate Special Funds in a manner satisfactory to the Trustee to assure the use thereof for authorized purposes. Additional Bonds shall have maturities, interest rates, redemption provisions, denominations, and other provisions as provided in the resolution or resolutions authorizing their issuance or sale, provided, however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement or the then outstanding Bonds. Additional Bonds shall be payable from the Debt Service Fund and other Special Funds established by Section 5 of this Resolution, as provided in this Resolution, and secured by a pledge of the Pledged Receipts on a parity with the Series A Bonds and other Additional Bonds.

Section 7. Terms of All Bonds. All Bonds shall bear such designations as may be necessary to distinguish them from other series of Bonds having different provisions. All Bonds shall be payable in lawful money of the United States, shall be in coupon form registrable as to principal or in fully registered form as provided in the resolution authorizing them or in the Trust Agreement, shall be negotiable instruments and shall express on their face the purpose for which they are issued and that they are issued pursuant to Section 3345.11 of the Revised Code of Ohio, this Resolution and the resolution authorizing their issuance.

The Bonds and coupons shall be executed in the manner provided in the resolution authorizing their issuance or in the manner provided by the law in effect at the time of their issuance. 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 issuance, authentication or delivery of such Bonds or Coupons, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until that time.

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

Notice of redemption of Bonds, specifying the designation and numbers (and portions of fully registered Bonds) to be called, shall be published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial journal of national circulation, the first such publication to be not more than forty (40) days and not less than thirty (30) days prior to the redemption date. Any Bonds duly called for redemption and for the retirement of which funds are deposited with the Trustee in an amount equal to the principal, premium if any, and interest to redemption date, shall cease to bear interest from said redemption date and shall no longer be deemed to be outstanding. Moneys in any Special Fund which are available for such redemption and which the Trustee shall have been directed to set aside for redemption by Resolution of the Board, a certified copy of which shall have been deposited with the Trustee, shall thereupon be deemed to be deposited with the Trustee for such redemption.

As provided herein, the Bonds shall be equally and ratably payable from, and secured by, a pledge of the Pledged Receipts after provision for the Operating and Maintenance Expenses of the Pledged 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 Pledged Receipts, and neither the State of Ohio nor the Board shall be obligated to pay or provide for payment thereof from any funds except such Pledged Receipts, after provision for such Operating and Maintenance Expenses, provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using 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 8. 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 fix and adjust the rates, charges and fees comprising the Pledged Receipts, so that the receipts from the Pledged Receipts will be sufficient to pay the Operating and Maintenance Expenses of the Pledged Facilities and provide for the payment of the principal and interest on the Bonds and other payments to Special Funds required by Section 5 of this Resolution; (b) if it shall reduce the number of parking spaces comprising the Pledged Facilities or change the location thereof, it will at the same time provide for the replacement of any Pledged Receipts lost thereby by adding other parking spaces or by increasing or adjusting rates; provided, however, that such addition of parking spaces or increase or adjustment of rates will be required only if and to the extent necessary to maintain Pledged Receipts, after deducting Operating and Maintenance Expenses, at an amount at least sufficient to pay the principal and interest on the Bonds and other payments to Special Funds required by Section 5 of this Resolution; (c) it will cause the Project, and any project work, or acquisition, the costs of which are to be paid from the proceeds of Additional Bonds, to be completed and equipped in an efficient and economical manner with reasonable dispatch, in compliance with all applicable laws, ordinances and regulations, and, if substantial construction is involved,

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

in a manner consistent with the plans and recommendations of responsible architects and engineers; (d) 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 Pledged Receipts and as part of the Operating and Maintenance Expenses of the Pledged Facilities, maintain, preserve and keep the Pledged Facilities in good repair, working order and operating condition, and will apply the Pledged Receipts only as provided in Section 5 of this Resolution and in the Trust Agreement; (e) if requested in writing by the Trustee or Original Purchaser, it will furnish to the Trustee and the Original Purchaser 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 5 of this Resolution) and operations of the Pledged Facilities prepared by a qualified accounting firm operating generally throughout the United States, having a national reputation and approved by the Trustee; (f) 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 Pledged Facilities and will at all reasonable times permit the Trustee, the Original Purchaser or any holder or holders of 25% of the outstanding Bonds, or their authorized representatives, to inspect the Pledged Facilities and any books, documents, and vouchers relating thereto; (g) it will furnish heat, light, power, water and other necessary services to the Pledged Facilities at not in excess of reasonable cost; (h) it will insure the Pledged Facilities as required by the Trust Agreement and apply the proceeds of such insurance as provided therein; and (i) it will observe and perform all of its agreements and obligations provided for by the Bonds, the Trust Agreement or this Resolution.

Section 9. Trust Agreement. In order to better secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman of the Board, or either of them, are authorized to execute, acknowledge and deliver, as may be appropriate, a Trust Agreement in substantially the form to be approved by the Board in the Resolution of Award, and the Secretary of the Board and the Treasurer of the University, or either of them, are authorized to seal and attest the same, with such changes therein as are consistent with this Resolution and the Resolution of Award and as may be satisfactory to the officers executing same, the Trustee and the Original Purchaser of the Series A Bonds.

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) "Additional Bonds" shall mean Bonds issued pursuant to Section 6 of this Resolution in addition to and on a parity with the Series A Bonds, and "Bonds" shall mean the Series A Bonds and Additional Bonds.

(2) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement hereinbefore authorized as from time to time supplemented pursuant to its terms.

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

(3) "Costs of the Project" shall have the meaning set forth in Section 4 hereof.

(4) "Pledged Facilities" shall mean all buildings, structures or facilities, including the sites thereof, equipment related thereto and curb parking facilities on the Columbus Campus of the University, now or hereafter constructed, acquired or operated by or under the control of the University and used in connection with the parking of motor vehicles and authorized to be acquired, constructed, leased, equipped, improved, remodeled, repaired or renovated by Section 3345.11 of the Revised Code of Ohio.

(5) "Pledged Receipts" shall mean the gross revenues derived by the University from the operation or ownership of the Pledged Facilities, including, without limiting the generality of the foregoing, all motor vehicle parking permit fees and all other fees, charges or receipts assessed, levied or collected by the University for the use of, or right to use, the Pledged Facilities, and charges made upon the Athletic Department and other departments or operations of the University and to organizations, groups or persons for use of, or right to use, the Pledged Facilities in connection with their athletic contests or other activities and functions, provided that such charges made upon the Athletic Department and other departments or operations of the University shall not exceed the remaining amount of fee allocations, revenues and receipts of such department or operation derived from its activities conducted in connection with such use or right to use the Pledged Facilities, and which the University can lawfully pledge to the security of the Bonds under the Ohio Revised Code, after paying all other costs and expenses of such activities. "Pledged Receipts" shall not include fines assessed for violations of parking or traffic regulations of the University, nor receipts of the Athletic Department and other departments or operations of the University derived from their use of Pledged Facilities for which use a charge upon such department or operation has been made as aforesaid and is included in the Pledged Receipts. "Pledged Receipts" shall also include such new or additional fees, charges, revenues or receipts of the University as the University shall hereafter lawfully pledge hereunder to secure all Bonds in connection with the issuance of Additional Bonds.

(6) "Operating and Maintenance Expenses" of the Pledged Facilities shall mean all ordinary and usual reasonable expenditures of the University for the operation, repair, and maintenance of the Pledged Facilities and ordinary replacements of old, damaged, worn out, lost or destroyed equipment, furniture and furnishings including, without limiting the generality of the foregoing, expenditures, including rentals or rental charges under lease-purchase agreements, for the acquisition of parking meters, rent paid by the University for any parking facilities operated by the University, taxes, if any, insurance, cost of maintenance and repair of meters, cost of maintaining and replacing signs and markers for curb parking, cost of administering the Pledged Facilities and expenses incurred by the University under any agreement whereby the University leases any Pledged Facilities to a parking operator or causes a parking operator to manage them, salaries paid by the University to supervisory personnel employed by the University to the extent allocable to

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

time devoted to the administration of the Pledged Facilities, and costs of enforcement of parking regulations, taxes, fees, and expenses of the Trustee and paying agents and any expenses required to be paid by this Resolution or the Trust Agreement; but excluding provision or expenditure for depreciation or extraordinary capital replacements or expenditures for administration of the University which do not constitute costs of the type included as costs of operation of Pledged Facilities under the present accounting practice of the University or payments to the Debt Service Fund and Debt Service Reserve Fund.

(7) "Net Income Available for Debt Service" shall mean (a) the Pledged Receipts, less the Operating and Maintenance Expenses of the Pledged Facilities, during the preceding Fiscal Year as adjusted to reflect the schedule of fees, rates and charges placed in effect since the beginning of said preceding Fiscal Year or to be effective at the beginning of the next semester, quarter or other school period, to reflect the addition of facilities to the Pledged Facilities and any new fees, charges, revenues or receipts lawfully pledged by the Board for inclusion with other Pledged Receipts, to give recognition to anticipated changes in Operating and Maintenance Expenses of the Pledged Facilities, and to eliminate net income from any Pledged Facilities as to which estimated income is included under clauses (b) or (c) of this paragraph (7); plus (b) the estimated annual net income of any Pledged Facilities which are then under construction or for which a full fiscal year's operating experience is not available; plus (c) the estimated annual net income of any Pledged Facilities the cost of which is to be financed in whole or in part by the sale of the Additional Bonds for which the calculation of Net Income Available for Debt Service is then being made; plus (d) the income from investments of the Debt Service Reserve Fund during the preceding Fiscal Year to the extent that the same could have been transferred to the Debt Service Fund at the option of the University pursuant to Section 5 of this Resolution. The "estimated annual net income of any Pledged Facilities," as that term is used in this paragraph (7), means the estimated gross revenues to be derived by the University from the operation or ownership of such Pledged Facilities, less the estimated annual Operating and Maintenance Expenses allocable thereto, in the first full Fiscal Year of operation thereof, and, if such be the case, shall be applied as a negative figure in making the computation under this paragraph.

(8) "Special Funds" shall mean the Revenue Fund, Debt Service Fund, the Debt Service Reserve Fund and the Replacement and Improvement Fund provided for in this Resolution, and, to the extent applicable, the Construction Fund provided herein and the construction funds created for projects or work to be financed with Additional Bonds.

(9) "Permitted Investments" shall mean (a) obligations of the United States of America, or securities fully guaranteed as to principal and interest thereby; (b) certificates of deposit of the Trustee, and of banks or trust companies organized under the laws of the United States or Canada or any state or province thereof which have combined capital and surplus of at least \$100,000,000; (c) shares or accounts of savings and loan associations, the accounts of which are

XI. REPORTS (continued)

G. Bond Resolution for Parking System Revenue Bonds (continued)

insured by the Federal Savings and Loan Insurance Corporation; (d) obligations issued by banks for cooperatives, Federal land banks, Federal intermediate credit banks, Federal home loan banks, the Federal Home Loan Bank Board, or any corporation designated in section 846 of Title 31 of the United States Code as a wholly owned Government corporation; and obligations, participations, or other instruments of or issued by, or fully guaranteed as to principal and interest by, the Federal National Mortgage Association; and (e) participation certificates evidencing beneficial interests in obligations, or in the right to receive interest and principal collections therefrom, which obligations have been subjected by one or more Government agencies to a trust or trusts for which any executive department, agency, or instrumentality of the United States (or the head thereof) has been named to act as trustee.

(10) "Resolution of Award" shall mean the resolution of the Board approving the award of the Series A Bonds to the Original Purchaser as provided for in Section 3 hereof.

(11) "Trustee" refers to the Trustee under the Trust Agreement.

(12) "Original Purchaser" shall mean the original purchaser of the Series A Bonds and additionally, where the term is used in connection with all Bonds, the original purchasers of Additional Bonds.

Section 11. General. The appropriate officers of the University and the Board, and each of them, the architects and engineers employed by the University, and the Trustee and the Paying Agents, are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution and the Trust Agreement, and to effect the execution, sale, and delivery of said Project Bonds in accordance therewith. 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 resulting from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio. In case any one or more of the covenants, stipulations, obligations, agreements or other provisions of or contained in this Resolution, the Trust Agreement or the Bonds or coupons shall for any reason be held to be illegal or invalid, such illegality or invalidity shall not affect any other provision thereof, but this Resolution, the Trust Agreement, Bonds and coupons shall be construed and enforced as if such provision, to the extent invalid or illegal, were not contained therein, and each such covenant, stipulation, obligation, agreement or other provision shall be deemed to be made and entered into in the manner and to the full extent permitted by law to accomplish most nearly the intention thereof.

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

XI. REPORTS (continued)

H. Appropriations for University Administrative Officials

Mr. France 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 1966-67 be on the same basis as the appropriations for 1965-66: (1) to the President, \$7,500.00; (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 Research; Vice President for Educational Services; Executive Dean for Student Relations; Executive Dean for Admissions and Registrations; Executive Director for Campus Planning; Executive Director for University Relations; 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. Jones and unanimously approved with Mr. Shocknessy not voting.

I. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. The University's growing role in graduate education was reflected in the record number of Ph. D. degrees awarded at Summer Quarter Commencement on September 2, 1966. A total of 167 candidates, more than at any previous Ohio State Commencement, received their Ph. D.'s during the exercises. The largest number previously was 135, conferred in the summer of 1964. In addition, 532 candidates received master's degrees.
2. A report on "Teacher Productivity--1965" by a department of the National Education Association showed that Ohio State was the fifth-largest producer of new teachers in the United States in 1965 and was a leading graduate center.
3. A committee appointed to review the fate of University Hall met on August 24, 1966. The committee represents faculty, students, alumni and outside interests and is composed of Dean Richard Armitage, Chairman; Professor Marvin Fox, Department of Philosophy; Professor Harold J. Grimm, Department of History; Mr. Howard Hamilton, Past President of the Alumni Association; Mr. W. Byron Ireland, Architect; Mr. Edward E. Slowter, Battelle Memorial Institute; Paul Baumann, undergraduate student of the College of Engineering; and Boyd Brislow, graduate student.

September 8, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

I. Report on Highlights of Campus Activities (continued)

4. More than 200 of the State of Ohio's top administrators, including members of the Governor's Cabinet, will participate during the next several months in an intensive management training program seminar administered by the Continuing Education Division of the College of Commerce and Administration and financially supported by the Federal Government and the Department of Finance.
5. A report from the University's Telecommunications Center showed that on the campus and in the Columbus Branch during the academic year 1965-1966, closed-circuit televising of 14 different courses reached 28,317 students.
6. The Ohio Medical Education Network has been named first-prize winner for creativity by the National University Extension Association's division of conferences and seminars. Via two-way radio and telephone, the Ohio Medical Education Network connects the College of Medicine faculty with medical staffs of hospitals in Ohio and West Virginia. More than 50 hospitals participated during the past year. The project began in 1962.

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Thereupon the Board adjourned to meet Wednesday, October 12, 1966, at The Ohio State University, Columbus, Ohio, at 9:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

APPENDIX II

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I AND J

FOURTH SUPPLEMENTAL TRUST AGREEMENT

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THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I AND J

FOURTH SUPPLEMENTAL TRUST AGREEMENT

THIS FOURTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 15th day of April, 1967 (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, and April 15, 1961, respectively, entered into First, Second and Third Supplemental Trust Agreements (which original trust agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$21,060,000 Series A, B, C, D, E, F, G and H Dormitory Revenue Bonds have been authorized and 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 \$14,000,000 Additional Bonds, consisting of \$10,500,000 Series I Bonds and \$3,500,000 Series J Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$14,000,000 of Additional Bonds (herein called the Series I and J Bonds); and

Fourth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on September 8, 1966, the Series I and J Bond Resolution providing for the Series I and J Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, the Series C and D Bond Resolution adopted July 8, 1960 and the Series E, F and G Bond Resolution adopted June 15, 1962, is referred to as the Bond Resolution; and

WHEREAS, the Series I and J Bond Resolution is as follows:

Resolution

Providing for the issuance of \$14,000,000 The Ohio State University Dormitory Revenue Bonds, Series I and 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 Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast 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, 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 of facilities to be provided by such buildings) and to pay

Fourth Supplemental Trust Agreement

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 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 and G Bond Resolution adopted June 15, 1962, 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, and Fourth 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 \$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

Fourth Supplemental Trust Agreement

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, and \$2,850,000 Series H Bonds have been authorized and issued, and the unmatured portions of such Series A through H 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 \$14,000,000 Additional Bonds consisting of \$10,500,000 Series I Bonds and \$3,500,000 Series J Bonds (herein called the Series I Bonds and the Series J Bonds, respectively) 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 dormitories and dining facilities to be known as Drackett, Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility (said dormitory buildings and dining facility and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans approved by the Department of Public Works of Ohio, and prepared by the University Architect; and

WHEREAS, based upon final construction costs, construction contracts and estimates received from its architect, the University has determined that the costs of the Project will be \$14,000,000, including capitalized interest, miscellaneous expense and contingencies; and

Fourth Supplemental Trust Agreement

WHEREAS, the University has determined to borrow the funds to pay the foregoing costs, and to advertise for bids, subject to the terms of any loan agreement that might be entered into with the United States with respect to the Series J Bonds (hereinafter called the Loan Agreement), for the purchase of \$14,000,000 Dormitory Revenue Bonds, Series I and J, by investment bankers or others.

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

Section 1. Purpose of Series I and J Bonds. It is hereby determined to be necessary to construct the Project and to issue \$14,000,000 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 the costs 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.

Section 2. Terms of Series I and J Bonds. Said \$14,000,000 of Dormitory Revenue Bonds shall be issued as \$10,500,000 Series I Bonds and \$3,500,000 Series J Bonds under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue 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 I and J Bonds in coupon form shall be dated as of the first day of the month in which bids for the purchase thereof are opened, and shall be in the denomination of \$5,000 each and registrable as to principal. Series I and J Bonds in fully registered form shall be in the denomination of \$5,000 or any multiple thereof. Such bonds in both coupon and fully registered form shall be numbered as determined by the Fiscal Officer of the University. Each Series I and J Bond in fully registered form without coupons shall be dated as of the interest payment date on which it is authenticated or on the interest date next preceding the

Fourth Supplemental Trust Agreement

date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date, provided, however, if at the time of authentication of a registered bond without coupons, interest is in default, such Bond shall be dated as of the date to which interest has been paid. Notwithstanding the foregoing, in the event that the United States shall purchase any of such bonds pursuant to a Loan Agreement, until such time as the Original Purchaser or Purchasers request definitive bonds a single multiple maturity fully registered bond without coupons will be issued to him in the amount contracted for and thereafter at his request 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 I and J Bonds shall bear interest payable semi-annually on April fifteenth and October fifteenth of each year, beginning with the first such date occurring at least six months following the date of the coupon Bonds, until the principal sum is paid at the rate or rates per annum stipulated in the bid of the successful bidders, and approved in writing by the President or Fiscal Officer of the University provided that no such rate shall exceed 6% per annum. The Series I and J Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

SERIES I BONDS:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1968	\$120,000	1978	\$150,000	1988	\$240,000	1998	\$400,000
1969	120,000	1979	160,000	1989	255,000	1999	420,000
1970	120,000	1980	165,000	1990	255,000	2000	450,000
1971	125,000	1981	180,000	1991	285,000	2001	475,000
1972	130,000	1982	180,000	1992	285,000	2002	490,000
1973	135,000	1983	195,000	1993	315,000	2003	500,000
1974	135,000	1984	200,000	1994	315,000	2004	510,000
1975	140,000	1985	210,000	1995	340,000	2005	510,000
1976	145,000	1986	220,000	1996	360,000	2006	510,000
1977	150,000	1987	240,000	1997	365,000		

Fourth Supplemental Trust Agreement

SERIES J BONDS:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1968	\$ 40,000	1978	\$ 50,000	1988	\$ 80,000	1998	\$130,000
1969	40,000	1979	50,000	1989	85,000	1999	140,000
1970	40,000	1980	55,000	1990	85,000	2000	150,000
1971	45,000	1981	60,000	1991	95,000	2001	155,000
1972	45,000	1982	60,000	1992	95,000	2002	160,000
1973	45,000	1983	65,000	1993	105,000	2003	170,000
1974	45,000	1984	65,000	1994	105,000	2004	170,000
1975	50,000	1985	70,000	1995	115,000	2005	170,000
1976	50,000	1986	70,000	1996	120,000	2006	170,000
1977	50,000	1987	80,000	1997	125,000		

The Series I and J Bonds maturing on and after October 15, 1978 shall be subject to redemption in whole or in part on any interest payment date on and after October 15, 1977, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 104% if redeemed on or before October 15, 1982;
- 103% if redeemed thereafter but on or before October 15, 1987;
- 102% if redeemed thereafter but on or before October 15, 1992;
- 101-1/2% if redeemed thereafter but on or before October 15, 1997;
- 101% if redeemed thereafter.

If less than the entire unmatured portion of the Series I Bonds or the Series J Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of the Bonds of that series; outstanding and if less than all of the Series I Bonds or the Series J Bonds outstanding of one maturity are to be called, the selection of Bonds or portions of fully registered Bonds of such series and of that maturity to be called shall be made by lot conducted by the Trustee under the Trust Agreement. Such call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series I or 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

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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 rate. 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 I and 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.

The Series I and 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 I and J Bonds. The Series I and J Bonds shall be offered for sale, by solicitation of proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms as determined by the President or the Fiscal Officer of the University, subject, however, to all applicable provisions of the Loan Agreement.

Section 4. Allocation of Proceeds of Series I and Series J Bonds. The proceeds from the sale of Series I and Series J Bonds shall be allocated and applied by the University as follows:

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(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 Fund so provided for.

(2) From the proceeds of the Series I Bonds, such amount as is verified by the Fiscal Officer of the University to be needed for (or to reimburse the University for amounts expended for) the following purposes:

- (a) the purchase of movable equipment for the Project,
- (b) to place the Project in operation, and
- (c) for any other purpose relating to the Project or the financing thereof for which the proceeds of the Series J Bonds would not be available

to the "Equipment Fund" hereby established to be held by the Trustee and applied to such purposes, and any balance in the Equipment Fund not needed for such purposes shall be transferred to the Construction Fund.

(3) To the University the amounts necessary to reimburse the University for amounts expended by it on construction of the Project prior to issuance of the Series I and J Bonds.

(4) The balance to the Construction Fund to be held by the Trustee to pay the costs of construction of the Project and all incidental expenses of the Project and the financing thereof (including in accordance with the Loan Agreement the repayment of any amounts borrowed by the University to pay project costs and interest thereon).

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(5) Any balance remaining in the Construction Fund after payment of such costs, shall be applied as follows: (a) twenty-five per centum to retirement at par plus accrued interest in inverse order of maturity of Series J Bonds, if any, then held by the United States and (b) the portion not needed for such retirement of Series J Bonds under (a) shall be transferred to the Debt Service Reserve Fund.

No part of the proceeds of Series J Bonds sold to the United States acting through the Department of Housing and Urban Development shall be used to pay costs (including cost of movable equipment or fees of a financial advisor) which, 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 United States through that Department, and proceeds of Series J Bonds purchased by the United States 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 and Equipment 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 certification by such official that the amount to be paid from such Construction Fund or such Equipment 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 further certify that such payment was certified as due under such contract by a qualified architect or engineer.

The Equipment Fund and the Construction Fund shall be invested by the Trustee in such direct obligations of the United States as shall be directed in writing

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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

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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 provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

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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 shall 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

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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 or the then outstanding Bonds. On the terms provided herein, in 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

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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 Housing and Home Finance Agency as long as the United States holds any of the Series B, D, F, G and H 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.

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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 11) 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

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provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G and H Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G and H 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 I and 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 I and 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;

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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 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

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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 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

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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.

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 to the Series A and Series B Bonds or to the Project to be constructed

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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 11. 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 any official or employee performing the duties of such officer 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; (6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to

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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 provisions 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 12. 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 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

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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 I and 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 ____ Bond and is one of a duly authorized issue of \$14,000,000 of Dormitory Revenue Bonds of the University, consisting of \$10,500,000 Series I Bonds and \$3,500,000 Series J Bonds, 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 8, 1966 (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 and Fourth 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 October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. 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

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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 _____.

* * * * *

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(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 Fourth Supplemental Trust Agreement dated as of _____, 19__.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

(Form of Coupon)

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, 1957, and supplement thereto dated _____, 19__, 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 _____ dated _____.

(Facsimile Signature)

Bond No. ____
Coupon No. ____

Secretary of the Board of Trustees

(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:

Fourth Supplemental Trust Agreement

This Bond is a Series ___ Bond and is one of a duly authorized issue of \$14,000,000 of Dormitory Revenue Bonds of the University, consisting of \$10,500,000 Series I Bonds and \$3,500,000 Series J Bonds, 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 8, 1966 (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 and Fourth 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 October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. 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

Fourth Supplemental Trust Agreement

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 Fourth Supplemental Trust Agreement dated as of _____, 19__.

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, 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

Fourth Supplemental Trust Agreement

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 I and 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 I and J Bonds shall be executed, authenticated and delivered as provided herein, and said Series I and 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.

Section 3. Proceeds of Sale. The proceeds from the sale of the Series I and 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.

Fourth Supplemental Trust Agreement

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:

By _____
President

Secretary

And by _____
Chairman of the Board

(Seal)

The Ohio National Bank of Columbus,
Trustee

Attest:

By _____
Vice President

Trust Officer

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this ____ day of _____, 196__, 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.

Fourth Supplemental Trust Agreement

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

Notary Public

(Seal)

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this ____ day of _____, 196__, 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

(Seal)

APPENDIX III

CERTIFICATE OF AWARD

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CERTIFICATE OF AWARD

The undersigned, Vice President, Business and Finance, of The Ohio State University does hereby certify as follows:


(1) That proposals for the purchase of \$14,000,000 aggregate principal amount of The Ohio State University Dormitory Revenue Notes, Series 1966, dated as of September 15, 1966, and maturing September 15, 1967 have been duly solicited and received by the University, that based upon such proposals the undersigned has determined that the following award of said notes provides for the sale of all of said notes at the lowest aggregate net interest cost offered and that such award is in the best interest of the University; and

(2) That, upon approval by the Board of Trustees of the University, said notes are hereby awarded as follows:

<u>Purchaser</u>	<u>Principal Amount</u>	<u>Interest Rate</u>	<u>Premium</u>
Huntington National Bank of Columbus	\$3,000,000	4-1/4%	-
Ohio National Bank of Columbus	3,000,000	6%	\$650.00
City National Bank & Trust Company of Columbus	4,000,000	6%	-
Buckeye Union Insurance Co.	1,000,000	6%	-
Ohio Company) Salomon Bros & Hutzler) McDonald & Co.)	3,000,000	6-1/2%	42.37

(3) The interest on the notes shall be payable on

March 15, 1967
and
September 15, 1967


Gordon B. Carson
 Vice President, Business and Finance

Dated: September 8, 1966

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APPENDIX IV

(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1966

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(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1966

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 the bearer on the fifteenth day of September, 1967, the principal sum of

_____ DOLLARS

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 _____,

upon the presentation and surrender of the attached interest coupons representing such interest as the same respectively fall due. The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts at the principal office of _____.

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 Fourteen Million Dollars (\$14,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes of 1965 dated as of March 15, 1965 and The Ohio State University Dormitory Revenue Notes, Series 1965, dated as of September 15, 1965, 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 8th day of September, 1966.

Dormitory Revenue Note, Series 1966 (Form of Coupon Note)

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 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 executed by the facsimile signature of the President of the University, signed by the Vice President, Business and Finance, of the University, a facsimile of the official seal of the University to be imprinted hereon, and the interest coupons hereto attached to bear the facsimile signature of said Vice President, Business and Finance, all as of the fifteenth day of September, 1966.

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

By _____
President of The Ohio State University

(Facsimile Seal)

And By _____
Vice President, Business and Finance
of The Ohio State University

Dormitory Revenue Note, Series 1966 (Form of Coupon Note)

(Form of Coupons)

No. _____ \$ _____

On _____, The Ohio State University and its Board of Trustees will pay to bearer at the principal office of _____, upon the presentation and surrender hereof, the sum of _____ Dollars (\$ _____) in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts, solely from the special sources referred to in, and for the _____ interest then due upon its The Ohio State University Dormitory Revenue Note, Series 1966, dated as of September 15, 1966, No. _____.

(Facsimile Signature)

Vice President, Business and Finance
of The Ohio State University

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APPENDIX V

(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTES, SERIES 1966

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(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTES, SERIES 1966

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 promises to pay, solely from the sources hereinafter set forth, to _____, or order on the fifteenth day of September, 1967, the principal sum of

_____ DOLLARS

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, such interest to maturity hereof being payable on _____. The interest on this note and the principal 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 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 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.

The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts. The principal is payable on presentation and surrender of this note at the principal office of _____ (herein called the "Paying Agent") and interest is payable to the registered owner hereof at such office or by check or draft mailed to the registered owner at his address as it appears on the registration books of the University kept on its behalf by the Paying Agent as note registrar. This note may be transferred only upon books kept for registration and transfer by the Paying Agent, upon surrender of this note at the principal office of the Paying Agent, together with an assignment duly executed by the registered owner or his attorney in form satisfactory to the Paying Agent. The person in whose name this note is registered shall be deemed and regarded as the absolute owner hereof for all purposes, and payment of or on account of the principal and the interest hereon shall be made only upon the order of such registered owner. All such payments shall be valid and effectual to satisfy and discharge the liability upon this note, including interest, to the extent of the sum or sums so paid.

Dormitory Revenue Notes, Series 1966 (Form of Registered Note)

This note is one of a duly authorized issue of notes in the aggregate principal amount of Fourteen Million Dollars (\$14,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes of 1965 dated as of March 15, 1965, and The Ohio State University Dormitory Revenue Notes, Series 1965, dated as of September 15, 1965, 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 8th day of September, 1966.

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 amount as shall be necessary to pay the principal of and interest on the notes of this issue and 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.

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 executed on their behalf by the _____ and the _____ of said University, as of the 15th day of September, 1966.

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

By _____

(SEAL)

And By _____

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

Columbus, Ohio, October 12, 1966

The Board of Trustees met at its regular monthly meeting on Wednesday, October 12, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France and James W. Shocknessy.

* * *

Minutes of the last meeting were approved.

* * *

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the "Alcoa Foundation Professorship in Engineering"

The Alcoa Foundation has selected The Ohio State University as one of sixteen universities in the nation to receive a grant from the Foundation in the amount of \$60,000.00, payable over a three-year period in support of an engineering professorship.

It was recommended, with the concurrence of the Dean of the College of Engineering and pursuant to the policy previously established by the Board of Trustees for "named professorships," that the "Alcoa Foundation Professorship in Engineering" be established at The Ohio State University, effective with the 1966-67 academic year. This grant from the Alcoa Foundation is in addition to scholarships and other educational assistance presently being given to The Ohio State University by the Foundation. Mr. Glen L. Phillips, Manager of Alcoa's Cleveland (Ohio) Works, in announcing the grant, stated that this engineering professorship program is designed to link education more closely with industry by fostering communication between education and engineering practitioners. Mr. Phillips advised also that the grant to Ohio State is indicative of the Alcoa Foundation's high regard for the continuing interest in the educational program of The Ohio State University.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the Board of Trustees by unanimous voice vote approved the recommendation that the "Alcoa Foundation Professorship in Engineering" be established and that a letter of gratitude be sent to the Alcoa Foundation.

B. Revision of Personal Services Budget for the University Hospitals

The administrative staff of the University Hospitals in conjunction with appropriate members of the University administrative staff has been conducting for the past two months a comprehensive study of salary ranges for all classified and equivalent personnel in the University Hospitals. This study was necessitated by rapidly changing salary structures for hospital personnel both in Ohio and throughout the nation.

Upon the recommendation of Dean Richard Melling and with the concurrence of Vice Presidents Carson and Corbally, it was recommended that the personnel budget for the University Hospitals for 1966-67 be increased in the amount of \$1,807,120.00, in accordance with the detailed salary ranges filed with the Secretary of the Board of Trustees. Salary adjustments will be effective on November 1, 1966, and will involve the following numbers of individuals in the categories described below:

October 12, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Personal Services Budget
for the University Hospitals (continued)

Attendants and aides	816
Clerical and business	432
Technicians	76
Food service	63
Nurses	425
Practical nurses	69
Allied medical services	<u>321</u>
Total	<u>2,202</u>

The new salary levels will be funded by increases in the patient care service charges of the University Hospitals.

Upon motion of Mr. France, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the above recommendation for revision of the personal services budget for the University Hospitals for 1966-67.

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II. PERSONNEL CHANGES

It was recommended that all personnel changes since the September 8, 1966 meeting of the Board as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

Frederick W. Hebbard, Associate Professor in the School of Optometry, changed to Associate Professor and Director of the School of Optometry, effective October 1, 1966, at a salary of \$14,568.00 per annum.

Carroll A. Swanson, Professor in the Department of Botany and Plant Pathology, changed to Professor and Chairman of the Department of Botany and Plant Pathology, effective January 1, 1967, at a salary of \$20,772.00 per annum.

B. Appointment

Reinhardt Schuhmann, Jr. appointed Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective October 1, 1966 through June 30, 1967, at a salary of \$24,993.00 for the period.

October 12, 1966 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 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Francis R. Calderwood, Instructor (County Extension Agent, 4-H) Cuyahoga County, effective September 26, 1966 through November 18, 1966, to participate in a program of professional improvement at Merrill-Palmer Institute.

Edward C. Fladt, Instructor (County Extension Agent, Agriculture) Clinton County, effective October 1, 1966 through December 15, 1966, to participate in a program of professional improvement at The Ohio State University.

William M. Shaw, Instructor (Area Extension Agent, Resource Development), effective October 1, 1966 through December 15, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Paul Pimsleur, Director of Listening Center - College of Arts and Sciences - Listening Center, effective October 1, 1966 through September 30, 1967, to accept a Fulbright grant to teach at the University of Heidelberg.

Clarence C. Bowen, Assistant Professor (Extension Specialist, Livestock Marketing), Cooperative Extension Service, effective September 8, 1966 through November 18, 1966, to serve as a technical advisor to the Brazilian Swine Team.

Franklin R. Buchanan, Assistant Professor, School of Education, effective January 1, 1967 through June 30, 1967, to accept a Fulbright Award for conducting research on Asian Education in Japan.

John H. Dines, Assistant Professor, Department of Preventive Medicine, effective November 23, 1966 through June 30, 1967, to return to England for personal reasons.

Donald E. Johnston, Assistant Professor, Department of Zoology and Entomology, effective October 1, 1966 through June 30, 1967, to accept a visiting professorship at the University of Kansas.

October 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

Raymond E. Cray, Department of Poultry Science, with the title Professor Emeritus, effective September 1, 1966.

Lester A. Cronin, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective October 1, 1966.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Promotions, Appointment, 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 September 5, 1950, it was 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, National Institutes of Health, Bethesda, Maryland, Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Ext. #8 - Department of Physiology).
Gross Value - \$21,513.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tumor Necrotizing Activity of Tuberos Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #5 - College of Pharmacy).
Gross Value - \$8,327.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Initiation of Basic Research on the Processes of Crystal Growth and Dissolution (to be known as Office of Naval Research Project No. 1386 - Amend. #8 - Department of Metallurgical Engineering).
Gross Value - \$25,000.00.

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, National Institutes of Health, Bethesda, Maryland, A Phytochemical Study of the Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497 - Ext. #4 - College of Pharmacy).
Gross Value - \$18,200.00.
- a5. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688 - Change #3 - Department of Speech).
Gross Value - \$13,539.00.
- a6. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - C. O. #8 - RF Internal Supervision).
Gross Value - \$220,000.00.
- a7. Department of Navy, Office of Naval Research, Washington, D. C., Learning, Adaptation and Control in Information Science (to be known as Office of Naval Research Project No. 1902 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a8. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Man-Machine Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 1933 - Sup. #3 - Department of Psychology).
Gross Value - \$250,000.00.
- a9. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Dislocation Interactions in Relation to Mechanical Properties of Metals and Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1934 - C. O. #4 - Department of Metallurgical Engineering).
Gross Value - \$2,949.00.
- a10. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - Sup. #4 - Department of Electrical Engineering).
Gross Value - \$185,000.00.

October 12, 1966 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)

- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Bifunctional Catalysis of Hydrogen Exchange (to be known as National Institutes of Health Project No. 2078 - Ext. #1 - Department of Chemistry).
Gross Value - \$31,498.00.
- a12. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Polyunsaturated Fatty Acid Inter-conversions (to be known as National Institutes of Health Project No. 2090 - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$16,542.00.
- a13. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Earth's Gravity Field and the Determination of Geodetic Parameters Dependent on Gravity (to be known as Electronic Systems Division Project No. 2122 - Mod. #1 - Department of Geodetic Science).
Gross Value - \$26,000.00.
- a14. 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. #1 - Department of Engineering Mechanics).
Gross Value - \$6,255.00.
- a15. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Basic Research on the Separation of Rare Earths, Scandium and Yttrium, by Solvent Extraction (to be known as Systems Engineering Group, Research and Technology Division Project No. 2157 - C. O. #1 - Department of Chemistry).
Gross Value - \$22,491.00.
- a16. Aerospace Medical Division, Brooks Air Force Base, Texas, Research and Reports on Visual Recovery from High Intensity Flashes (to be known as Aerospace Medical Division Project No. 2195 - C. O. #1 - School of Optometry).
Gross Value - \$24,711.00.
- a17. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Sulfur Heterocycles as Antimicrobial Agents (to be known as National Institutes of Health Project No. 2293 - Sup. #1 - College of Pharmacy).
Gross Value - \$1,104.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a18. Headquarters, 2750th Air Base Wing, EWPB, Bldg. 120, Area C, Wright-Patterson Air Force Base, Ohio, Laser System Technology (A 2-Week Course, 9/19/66 - 9/30/66) (to be known as Headquarters, 2750th Air Base Wing Project No. 2302 - New - Department of Electrical Engineering).
Gross Value - \$7,192.00.
- a19. Department of Army, Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, Steric Effects on Reaction Mechanisms (to be known as Department of Army, Army Research Office - Durham Project No. 2304 - New - Department of Chemistry).
Gross Value - \$22,000.00.
- a20. U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia, Test and Evaluation of GIMRADA Stellar Moon Camera (to be known as U. S. Army Engineer Research and Development Laboratories Project No. 2306 - New - Department of Geodetic Science).
Gross Value - \$20,271.00.
- a21. 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. 2307 - New - Department of Biochemistry).
Gross Value - \$45,000.00.
- a22. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308 - New - Department of Physiology).
Gross Value - \$20,194.00.
- a23. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310 - New - Department of Pharmacology).
Gross Value - \$14,472.00.

TOTAL - Government Contracts - Federal \$1,027,258.00

2. Government Contract - State

- a1. State of Ohio, Department of Highways, Columbus, Ohio, Super-wide Angle Photography and Its Application in Highway Mapping (to be known as State of Ohio - Department of Highways Project No. 2159 - Amend. #1 - Department of Geodetic Science).
Gross Value - \$2,665.00.

October 12, 1966 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. 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. C337721 - Department of Surgery). Gross Value - \$1,212.63.
- a2. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association, Inc. Project No. 1898 - AHA Ltr. 9/1/66 - Department of Physiological Chemistry). Gross Value - \$1,000.00.
- a3. Columbus Board of Education, Columbus Public Schools, 270 East State Street; Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Public Schools Project No. 2175 - Ext. #1 - School of Education). Gross Value - \$125,154.00.
- a4. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Enzymatic Basis for the Production of Cardiac Arrhythmias (to be known as Central Ohio Heart Association Project No. 2300 - New - Department of Pharmacology). Gross Value - \$5,086.00.
- a5. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Resolution of Unipolar Thoracic Electrocardiograms from Orthogonal Leads (to be known as Central Ohio Heart Association Project No. 2309 - New - Department of Veterinary Physiology and Pharmacology). Gross Value - \$5,321.00.
- a6. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Electrophysiological Investigation of the Mechanism of Atrial Fibrillation (to be known as Central Ohio Heart Association Project No. 2311 - New - Department of Veterinary Physiology and Pharmacology). Gross Value - \$4,127.00.
- a7. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Morphologic and Metabolic Pathology of Spontaneous and Experimental Canine Cardiac Hypertrophy Congestive Heart Failure (to be known as Central Ohio Heart Association Project No. 2312 - New - Department of Veterinary Pathology). Gross Value - \$6,973.00.

October 12, 1966 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. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Laboratory Studies of a Cardiac Pacemaker of New Circuitry (to be known as Central Ohio Heart Association Project No. 2313 - New - Department of Surgery).
Gross Value - \$5,250.00.
- a9. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 2314 - New - Department of Surgery).
Gross Value - \$7,056.00.
- a10. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Pathologic Physiology of Myocardial Infarction (to be known as Central Ohio Heart Association Project No. 2315 - New - Department of Medicine).
Gross Value - \$6,909.00.
- a11. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, A Study of Right Ventricular Function (to be known as Central Ohio Heart Association Project No. 2316 - New - Department of Medicine).
Gross Value - \$5,804.00.
- a12. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Biochemical Basis for the Humoral Control of Myocardial Energy Metabolism (to be known as Central Ohio Heart Association Project No. 2317 - New - Department of Medicine).
Gross Value - \$7,207.00.
- a13. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Effect of Acidosis on the Metabolism and Performance of the Anoxic Heart (to be known as Central Ohio Heart Association Project No. 2318 - New - Department of Medicine).
Gross Value - \$6,939.00.
- a14. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Identification of Sequential Myocardial Ultrastructural Changes Induced by Experimental Acute and Chronic Ischemia and Hypoxia (to be known as Central Ohio Heart Association Project No. 2319 - New - Department of Medicine).
Gross Value - \$6,890.00.

October 12, 1966 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)

- a15. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Effects of Hypocapnia on Cardiac Performance (to be known as Central Ohio Heart Association Project No. 2320 - New - Department of Physiology).
Gross Value - \$4,200.00.
- a16. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Catecholamine Actions and Cardiac Sympathetic Influences in Man (to be known as Central Ohio Heart Association Project No. 2321 - New - Department of Medicine).
Gross Value - \$8,991.00.
- a17. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Coronary Perfusion During Open-Heart Surgery (to be known as Central Ohio Heart Association Project No. 2322 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a18. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Coagulation "Rebound" Post-Anticoagulant Therapy (to be known as Central Ohio Heart Association Project No. 2323 - New - Department of Medicine).
Gross Value - \$6,351.00.
- a19. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Characteristics of Subcutaneous Connective Tissue With the Severity of Atherosclerosis (to be known as Central Ohio Heart Association Project No. 2324 - New - Department of Physiology).
Gross Value - \$5,250.00.
- a20. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Studies on Uptake of Radio-Labeled Cardiac Drugs by the Pig Heart (to be known as Central Ohio Heart Association Project No. 2325 - New - Department of Pharmacology).
Gross Value - \$5,725.00.

TOTAL - Industrial and Other Contracts \$232,945.63

The foregoing forty-four contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,262,868.63.

Upon motion of Dr. Thomas, seconded by Mr. France, 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.

October 12, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from August 23, 1966 through September 26, 1966, 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

SC 58 Water and Wastewater Plant Operators Training Program,
Operator Training Committee of Ohio, Incorporated, 1791
Neil Avenue, Columbus, Ohio.
Gross Value - \$19,638.00.

SC 60 Professional Development Centers, Office of Civil Defense,
Department of the Army, Washington, D. C.
Gross Value - \$24,992.00.

TOTAL - Government Research Contracts \$44,630.00

2. Industrial Research Contract

EES 289 Sensitivity Analysis of Merit Plan Effectiveness, The
Nationwide Insurance Company, 246 North High Street,
Columbus, Ohio.
Gross Value - \$5,820.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$60,450.00.

C. Agreement Between The Ohio State University and the College of
St. Mary of the Springs for Instruction in Military Science

The College of St. Mary of the Springs became a coeducational institution in September, 1964, and has requested the assistance of The Ohio State University in offering instruction in military science. Mutually satisfactory arrangements have been developed with the Department of Army, the College of St. Mary of the Springs and The Ohio State University, whereby students enrolled at St. Mary of the Springs may come to The Ohio State University to enroll in ROTC courses at no cost to The Ohio State University.

It was recommended therefore that the President be authorized to sign an agreement between the College of St. Mary of the Springs and The Ohio State University with permission for the College of St. Mary of the Springs to pay The Ohio State University for the cost of offering courses in military science to students enrolled at St. Mary of the Springs.

Upon motion of Mr. Bricker, seconded by Mr. Shocknessy, the above agreement between The Ohio State University and the College of St. Mary of the Springs for instruction in military science was approved by unanimous voice vote and the President was authorized to sign said agreement.

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October 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since September 8, 1966, 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. \$139,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Washington, D. C. 20201, to the University for "Professional Nurse Traineeship Program," under the direction of Professor Mildred E. Newton, Director of the School of Nursing, for the period September 1, 1966 through August 31, 1967. (Grant No. NT-29-C10)
2. \$55,000.00 from Battelle Memorial Institute--\$30,000.00 for assistance to the Department of Mathematics and \$25,000.00 for the Battelle Professorship of Metallurgy in the Department of Metallurgical Engineering.
3. \$42,000.00 granted by The Ford Foundation to the University for legislative internships. This is a payment under a \$105,000.00 grant over a five-year period.

TOTAL - Through the Office of Business and Finance \$236,000.00

B. Received Through the Development Fund

1. \$68,137.00 from The John A. Hartford Foundation--\$61,323.00 for The John A. Hartford Foundation in the Department of Surgery and \$6,813.70 for the College of Medicine, University Hospital Memorial Fund.
2. \$21,300.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$16,985.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund in the College of Medicine.
4. \$10,000.00 from Smith L. Rairdon for the establishment of the Smith L. Rairdon Fund.

Smith L. Rairdon Fund

The Smith L. Rairdon Fund was established August 31, 1966, by a gift from Smith L. Rairdon (Bachelor of Science in Business Administration '22).

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 principal and/or income is to be used as directed by said Smith L. Rairdon from time to time.

October 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. Smith L. Rairdon Fund (continued)

In the event of the death of said Smith L. Rairdon, the income may be used by the Board of Trustees in its discretion.

5. \$8,682.00 from Owens-Illinois Glass Company for the Owens-Illinois Scholarship Fund.
6. \$8,000.00 from Ohio Lions Eye Research Foundation for the Ohio Lions Blindness Research Fund.
7. \$7,000.00 from The Rockefeller Foundation as an unrestricted gift to the University.
8. \$6,000.00 from Cooper Industries Foundation--\$3,000.00 for the Cooper-Bessemer Engineering Scholarship Fund and \$3,000.00 for the Cooper-Bessemer Engineering Faculty Award Fund.
9. \$5,260.00 from American Oil Foundation for the American Oil Foundation Fellowship Fund.
10. \$5,000.00 from The Friedman Foundation for the Friedman Foundation Band Fund.
11. \$4,000.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
12. \$3,600.00 from Sterling-Winthrop Research Institute for the Sterling-Winthrop Research Fund.
13. \$3,300.00 from Stauffer Chemical Company Foundation for the Stauffer Chemical Company Chemistry Fellowship.
14. \$3,075.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.
15. \$3,000.00 from Max M. Fisher for the establishment of the Max M. Fisher Fund.

Max M. Fisher Fund

The Max M. Fisher Fund was established August 31, 1966, by a gift through the Development Fund from Max M. Fisher (Bachelor of Science in Business Administration '30).

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

October, 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. Max M. Fisher Fund (continued)

Principal and/or income is to be used for any worthy University purpose as requested by said Max M. Fisher. After the death of Max M. Fisher, use of principal and/or income is to be determined by the Board of Trustees of The Ohio State University.

16. \$2,660.00 from American Cyanamid Company for the American Cyanamid Fund for Oral Surgery.
17. \$2,500.00 from American Political Science Association, Washington, D. C., for the American Political Science Association Fund.
18. \$2,500.00 from Sinclair Oil Corporation Foundation for the Sinclair Fellowship in Organic Chemistry.
19. \$2,000.00 from University Music Organizations for the Music Scholarship Fund.
20. \$2,000.00 from Sun Oil Company as an unrestricted grant to the Department of Chemistry for the 1966-67 academic year.
21. \$1,500.00 from the Dorothea Dix Hospital, Raleigh, North Carolina, for research in neurology.
22. \$1,000.00 from the Estate of Besse Backus Kneisly for the establishment of the Ora Beyl Kneisly Memorial Fund.

Ora Beyl Kneisly Memorial Fund

The Ora Beyl Kneisly Memorial Fund was established September 2, 1966, by a bequest from Besse Backus Kneisly, in memory of her husband, Ora Beyl Kneisly (Doctor of Dental Surgery 1900).

The principal is to be invested in accordance with rules and regulations therefor adopted by The Ohio State University Board of Trustees, with right to invest and reinvest as occasion dictates.

The income is to be used to provide medallions, medals or trophies to be presented to each student graduating with highest honors in his class from the College of Dentistry, and said medallions, medals or trophies are to be designated as the "Ora Beyl Kneisly" awards.

23. \$1,000.00 from Stanton's Sheet Music Store, Columbus, Ohio, for the Music Scholarship Fund.
24. \$1,000.00 from Jasam Foundation, Inc. for the College of Medicine, University Hospital Memorial Fund.

October 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

25. \$1,000.00 from Frederick W. R. Pride to the University for deposit in the Frederick W. R. Pride Fund, Account No. 179989.
26. \$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.
27. \$1,000.00 from Rabbi Morris Silverman for the Rabbi Morris Silverman Research Scholarship Fund.
28. \$1,000.00 from Joseph Skilken for the Joseph and Helen Skilken Foundation.
29. \$1,000.00 from Harold F. Zieg for the Student Athlete Grant-in-Aid Fund.
30. \$1,000.00 from Rohm and Haas for the Rohm and Haas Scholarship in the Department of Chemical Engineering.

TOTAL - Received Through the Development Fund \$195,499.00

C. Gifts-in-Kind

1. An electron beam welding machine from Hamilton Standard, Division of United Aircraft Corporation, Windsor Locks, Connecticut, for the Department of Welding Engineering.
2. A Watson-Stillman Extrusion Press, hand-operated press, hydraulic press and other equipment from Bell Telephone Laboratories, Inc. for the Department of Ceramic Engineering.

Upon motion of Mr. Bricker, seconded by Mr. France, the acceptance of the above 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 August, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	377	\$ 41,565.97
Individuals other than alumni	81	7,000.83
Nonprofit organizations	40	368,967.06
Business concerns	<u>26</u>	<u>55,551.00</u>
	524	\$473,084.86

Of these gifts, 267 totaling \$2,831.02 were undesignated gifts and 257 totaling \$470,253.84 were designated.

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October 12, 1966 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Repairs to Roofs	\$ 5,064.38
2. Pharmacy Building	1,110.00
3. Mansfield Campus, General Academic Building	25,553.58
4. Taylor Tower	830.00
5. Aircraft Apron and Fire Crash Rescue Building	840.00
6. Repairs to Sisson Hall	545.00
7. Raney Commons	616.00
8. Physics and Astronomy Building	2,559.58
9. Chemistry Research Building	2,208.00
10. Engineering Classrooms and Laboratories	30,646.56
Total	<u>\$69,973.10</u>

B. Credit Orders to Contracts

1. Wright State Campus, Phase IV	<u>\$ 1,780.00</u>
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Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation 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, it was recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. Medical Basic Science Building

This project is a separate building designed to house facilities for instruction in the basic sciences and to provide administrative offices for the College of Medicine.

Funds will be provided from Item 043, H. B. 202, and from a Public Health Service grant.

B. Power Plant - Replacement of Emergency Lighting System

This project will provide automatic emergency generator for the lighting system for the University Power Plant.

Funds will be provided from Budget Account 801084 for this project.

October 12, 1966 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Power Plant - Electric Utility Tie No. 2

This project will provide additional electrical capacity which is required to serve the increasing loads in present buildings and to provide additional electrical service for new buildings now under construction. The power will be connected to and distributed through the existing electrical system.

Funds for this project will be provided from Budget Account 801079.

D. Dentistry Building Floor Repairs

This project will provide for the replacement of existing worn floor covering in the original building.

Funds for this project will be provided from Budget Account 121658.

E. Newark Branch Campus, Phase I

This project is the first building for the Newark Branch Campus and will be used as a general academic facility to provide offices, classrooms, laboratories and service facilities.

Funds will be provided from local community funds and Item 039, H. B. 949.

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. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Wiseman Hall - Installation of Gas Line

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 8-25-66)		
Ohio Central Construction (Groveport, Ohio)	\$11,645.00	\$17,000.00

Funds for this project will be provided from Budget Account 121658.

October 12, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Library Elevator Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 9-15-66)		
Otis Elevator Company (Columbus)	\$55,400.00	\$70,000.00

Funds for this project will be provided from Budget Account 121658.

Upon motion of Mr. Bricker, seconded by Dr. Thomas, 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 THE OFFICE OF BUSINESS AND FINANCE

A. Easement to the Ohio Department of Highways, State Route 315

The Ohio Department of Highways has requested an easement for the improvement to State Route 315 between King Avenue and Kinnear Road, Section 0.39, Franklin County, State of Ohio, over and through property titled in the name of the State of Ohio on behalf of The Ohio State University.

IT IS THEREFORE RESOLVED, that the Board of Trustees of The Ohio State University authorize the President and the Vice President for Business and Finance to execute a Deed of Easement for highway purposes which preserves the University's rights to the Olentangy River Bank, and which provides only for the temporary connection to the present road pursuant to Section 3335.11 of the Ohio Revised Code.

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, 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 Edgar Stephenson Furniss, Jr., Mershon Professor of Political Science; Arthur C. Kennedy, Professor Emeritus in the Department of Agricultural Engineering; Richard P. Michel, Assistant Professor of Dentistry; and Frederick C. Landsittel, Professor Emeritus in the School 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.

October 12, 1966 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Edgar Stephenson Furniss, Jr.

The Board of Trustees expresses its sorrow at the death on August 17, 1966, of Edgar Stephenson Furniss, Jr., Mershon Professor of Political Science.

Professor Furniss was born in Newton, Iowa, in 1918, and received his B. A., M. A. and Ph. D. degrees from Yale University.

Prior to joining the faculty of The Ohio State University, Professor Furniss served in the Department of State from 1944 to 1946, and he joined the faculty of the Department of Politics of Princeton University in 1947 where he became a Professor in 1960.

Professor Furniss served as Visiting Professor at Johns Hopkins, Pennsylvania and Columbia Universities and as Lecturer at the United States National, Air, Army and Navy War Colleges.

In 1963, Professor Furniss joined the faculty of The Ohio State University as Mershon Professor of Political Science; and in that same year, was appointed first Director of the Mershon Social Science Program of the Mershon Center for Education in National Security.

Professor Furniss was an active and accomplished scholar and his writings in the fields of international relations, civil-military relations and American foreign policy brought him national and international recognition. Among his several books are American Military Policy; France: Troubled Ally; France: Keystone of Western Defense; and DeGaulle and the French Army.

Of his many contributions, Professor Furniss will best be remembered for his vigor and success in the Mershon Social Science Program. As Director of that program, he brought outstanding authorities on national security matters to Ohio State. He elicited and supported the research of scholars from this and other universities; and by working directly with these scholars, he brought to publication a series of books and pamphlets that have made important contributions to American understanding of national security problems. By supporting younger scholars in this area, Professor Furniss created a body of alumni, who now serve our nation as university professors, as military leaders and as valued members of the several governmental agencies.

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. Arthur C. Kennedy

The Board of Trustees expresses its sorrow at the death on September 12, 1966, of Arthur C. Kennedy, Professor Emeritus in the Department of Agricultural Engineering.

October 12, 1966 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Arthur C. Kennedy (continued)

Professor Kennedy was born March 31, 1889, in Batesville, Noble County, Ohio. He received the Bachelor of Science in Agriculture degree in 1915 and the Master of Science degree in 1927 from The Ohio State University. Professor Kennedy retired from the Department of Agricultural Engineering in 1954 after 17 years as a teacher at the University. He was one of the first vocational agriculture teachers in the state in 1918.

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.

C. Richard Paul Michel

The Board of Trustees expresses its sorrow at the death on September 16, 1966, of Richard P. Michel, Assistant Professor of Dentistry.

Professor Michel was born in Springfield, Ohio, on August 13, 1921. He was educated in the Springfield public schools. Dr. Michel served in the Army Air Corps as a combat flyer during World War II in the Far East. He achieved a brilliant military record, attaining the rank of Major and winning the Silver Star award for bravery in combat in the Okinawa campaign.

Dr. Michel attended Wittenberg University and received a B. A. degree from The Ohio State University in 1948. He then entered the College of Dentistry from which he graduated with a degree of D. D. S. in 1953. Professor Michel served as an instructor in the dental clinic from 1954 until 1958 when he was appointed assistant professor of clinical dentistry, a title which he held at the time of his death. He also conducted an active practice in the specialty of periodontics during this time.

Dr. Michel was a member of the Columbus Dental Society, The Ohio State Dental Association, The American Dental Association, The American Academy of Periodontology and The Academy International of Dentistry and Medicine.

Dr. Michel was a very capable teacher in clinical periodontics, and his instruction and counseling to students was an inspiration which will be sadly missed in the College of Dentistry.

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

October 12, 1966 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Frederick C. Landsittel

The Board of Trustees expresses its sorrow at the death on August 29, 1966, of Frederick C. Landsittel, Professor Emeritus in the School of Education.

Professor Landsittel was born on July 13, 1877, on a farm near Lowell, Ohio. He received his B. S. and M. S. in Education degrees from Ohio University and the Ph. D. degree from The Ohio State University. He joined the faculty at The Ohio State University as an Assistant Professor in 1918 and advanced through the ranks to become a Professor in 1938. He retired in 1947. In addition to teaching Social Studies Education, he was Director of Student Teaching for the College of Education.

He served his country in the military service in the Spanish-American War.

Professor Landsittel is remembered by those who studied and worked with him as an excellent supervisor of student teachers and a wise and understanding adviser to students. He made many contributions to the improvement of the student teaching program at the University. He was a pioneer in establishing the principle of providing the best professional environment for student teachers.

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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X. REPORTS

A. Reports from the Finance and Investment Committee

1. Sale of Lakeholm Farm and Lakeholm Guest House Properties

Mr. France presented the following resolution and moved that it be adopted:

WHEREAS, the University Investment Portfolio lists an item entitled "Non-Productive Real Estate" and that said item contains the record of land and structures thereon given to the University by B. W. Martin and the Continental Can Company, Inc. in the aggregate of 307.86 acres, the income from the property or income from the proceeds from sale of said property to be used for the benefit of the College of Agriculture and Home Economics; and the principal donor and the College of Agriculture and Home Economics now recommend that said property be sold for the purpose of establishing a chair in the College of Agriculture and Home Economics; and

X. REPORTS (continued)

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

1. Sale of Lakeholm Farm and Lakeholm Guest House Properties (continued)

WHEREAS, the City of Mt. Vernon, through its Chamber of Commerce, has offered to purchase said land and appurtenances for the express use of a general high school, a vocational high school and a college; and

WHEREAS, the Finance and Investment Committee is in possession of an appraisal of said land which values it at \$292,000.00 and recommends sale at said appraisal;

THEREFORE BE IT RESOLVED that the Board of Trustees approve and ratify the action of the Finance and Investment Committee in selling the stated parcel of land for the sum of \$292,000.00 in cash to the Mt. Vernon Area Chamber of Commerce or its legal designee, with the understanding that the land will be used for the purposes previously stated.

Following a second of Mr. France's motion by Mr. Jones, the above resolution was adopted by unanimous roll call vote.

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated September 30, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

B. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. A preliminary enrollment count showed that 41,412 students had paid fees as of October 11. The Registrar's Office reported that the current enrollment figure for the Columbus campus stood at 37,703 as compared with last year's count of 36,620. The report said that some 5,906 graduate students (5,575 in 1965) accounted for a portion of the Columbus increase.
2. The first class of Minuteman missile launch control officers enrolled in a unique program of graduate education received Master of Business Administration degrees in a commencement ceremony held September 14, at Ellsworth Air Force Base, South Dakota.
3. Ohio State, as a member of the Committee on Institutional Cooperation, will play an important part in the training of a new kind of biologist. The CIC, a voluntary association of Midwestern universities engaging in joint educational projects, has received a Federal grant of \$794,724.00 for support of a program for training graduate specialists in the new field of biometeorology.

X. REPORTS (continued)

B. Report on Highlights of Campus Activities (continued)

4. Total holdings of The Ohio State University Libraries increased to 1,845,069 volumes in the year ending June 30--an increase of 99,926 above the 1964-65 figure of 1,748,943.

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XI. ESTABLISHMENT OF THE NOVICE G. FAWCETT PROFESSORSHIP IN EDUCATIONAL ADMINISTRATION

Mr. Mervin France presented the following recommendation and moved that it be adopted:

The recommendation which I am about to offer is, I believe, the first official recommendation which I have seen come before this Board without the prior knowledge of President Fawcett. I trust that he will not be too distressed by this breach of the usual procedures.

August 1, 1966, marked the beginning of the eleventh year of Novice G. Fawcett's service as President of The Ohio State University. During his ten years in the presidency, he and the faculty, staff and students of the University have participated in a period of unprecedented growth in higher education in general and in The Ohio State University in particular. His own untiring efforts on behalf of the University and on behalf of education are too well known to require enunciation today, but this Board of Trustees and former members of the Board who have served with Dr. Fawcett do wish to provide an appropriate recognition for the tenth anniversary of his dedicated leadership at Ohio State.

There are several ways this can be done, but the Board wishes to recognize President Fawcett's distinguished service in a manner in keeping with the goals for which he and his colleagues are striving. We believe that what we propose here is most appropriate for The Ohio State University and is commensurate with earlier actions initiated by the President himself.

It is my pleasure on behalf of the Board of Trustees of The Ohio State University to move that the 'Novice G. Fawcett Professorship in Educational Administration' be established immediately in the School of Education. In accordance with policy previously adopted by this Board governing the establishment of named professorships, a minimum of \$5,000 a year will be made available from funds contributed by trustees who have served with the President. Under this policy, the sum will be used to supplement the regular salary of a renowned scholar in the President's own field of graduate study.

October 12, 1966 meeting, Board of Trustees

XI. ESTABLISHMENT OF THE NOVICE G. FAWCETT
PROFESSORSHIP IN EDUCATIONAL ADMINISTRATION (continued)

In this way, we desire to make known our esteem for the accomplishments of President Fawcett at this University, to recognize the tenth anniversary of his service to Ohio State and to express our warm personal regard for him.

All members present joined in seconding the motion, and upon roll call vote, it was unanimously and enthusiastically adopted.

All those assembled gave the President a standing ovation as the Chairman of the Board announced the unanimous adoption of the motion.

President Fawcett was deeply moved and was completely surprised by the Board's thoughtful generosity. His expression of gratitude may be summarized by the statement, "I cannot think of anything you could have done to make me happier."

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Thereupon the Board adjourned to meet Thursday, November 10, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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

Columbus, Ohio, November 10, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, November 10, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones and James W. Shocknessy.

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Minutes of the last meeting were approved.

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November 10, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Renaming of "John Galvin Hall" - Lima Branch Campus

At the request of the Advisory Committee of the Lima Branch of The Ohio State University, it was proposed that the first building on the new Lima Branch Campus be designated "John Galvin Hall." That recommendation was approved by the Board of Trustees on February 10, 1966. It has now been requested by Mr. Galvin that the building be officially named "John E. Galvin Hall," since he is normally recognized as John E. Galvin.

President Fawcett recommended that the building's name be changed to "John E. Galvin Hall."

Upon motion of Mr. Bricker, seconded by Dr. Thomas, the Board of Trustees by unanimous voice vote approved the renaming of the first building on the Lima Campus as "John E. Galvin Hall."

B. Honorary Degree

The Faculty Council on October 11, 1966, recommended that the honorary degree, Doctor of Science, be conferred upon William L. Everitt.

President Fawcett recommended that the Board of Trustees approve the Faculty Council's recommendation and that this degree be awarded at the December, 1966 Commencement or as soon as possible thereafter.

Upon motion of Dr. Thomas, seconded by Mr. Bricker, the above recommendation was approved by unanimous voice vote.

C. University Hall - Recommendations Re Its Ultimate Disposition

After consultation with members of the Board of Trustees and the Faculty Advisory Committee to the President and the Board of Trustees, the President appointed on August 1, 1966, a distinguished committee to examine the factors which might have a bearing upon the ultimate disposition which should be made of University Hall and to submit a report of its findings to the President at an early date. The membership of the committee which has representation from the faculty, the student body, the alumni and the professions of architecture and engineering is as follows: Dr. Richard H. Armitage, Dean of the Graduate School, Chairman; Professor Marvin Fox, Department of Philosophy; Professor Harold J. Grimm, Department of History; Mr. Howard Hamilton, Past President of the Alumni Association; Mr. W. Byron Ireland, Architect; Mr. Edward E. Slowter, Vice President, Battelle Memorial Institute; Paul Baumann, undergraduate student of the College of Engineering; and Boyd Breslow, graduate student.

November 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. University Hall - Recommendations Re Its Ultimate Disposition (continued)

The committee submitted to the President on October 26, 1966, a report of its deliberations and recommendations. A copy of the report has been forwarded to each member of the Board of Trustees and to the Secretary of the Board for filing with the official records of the University.

The recommendations of the committee were as follows:

1. That the departments presently housed in University Hall be given top priority for remaining in this prime location whether the present building be retained or a new structure be erected on the site.
2. That the interior of the original University Hall structure be razed together with the entire north wing.
3. That a completely new and modern structure be erected within the walls of the original building provided that the total costs per square foot of such construction not exceed the cost of equivalent space in a new building containing offices and classrooms appropriate for the academic use of humanities departments. Cost reports from other institutions indicate that, even including elevators and air conditioning, reconstruction will provide equivalent space at less cost than totally new construction. The committee recommended that money be appropriated at once for a cost estimate.
4. If the results of the cost analysis study fail to substantiate the committee's prediction, it was recommended that the site be cleared for erection of an entirely new building.
5. Since approximately 150,000 square feet should be available on the site of the present building, the committee suggested that an appropriately designed modern structure be added on the northern portion of the site and connected in an aesthetically pleasing way to University Hall. It was suggested that the design of this new and "centennial year" building and of the University Hall project be determined on the basis of a \$10,000.00 architectural prize competition open to qualified Ohio architects. The prize money might be raised by donations from members of The Ohio State University Association. Funding of the building itself and of the reconstruction of University Hall should be from appropriations for capital improvements by the Legislature of the State of Ohio.

November 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. University Hall - Recommendations Re Its Ultimate Disposition (continued)

The President recommended that the substantive aspects of the report as submitted by the above-named committee be approved by the Board of Trustees.

It was further recommended that the President be authorized to contact The Associated General Contractors of America - Ohio Chapters through Mr. Park H. Pixley, Executive Secretary of the Ohio Chapter, to conduct a survey to establish a unit cost pattern for the purpose of comparing the estimated cost of reconstructing University Hall with the estimated cost of constructing a new structure and that an amount not to exceed Three Thousand Dollars (\$3,000.00) from Account 179992 be released to cover the cost of this study; and, further, that the President be authorized to investigate whether The Ohio State University Association will accept the responsibility for providing a \$10,000.00 prize for architectural competition for the design of new construction if and when the funds are available for such a project.

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the Board of Trustees accepted the above-named report of the committee and the recommendations as submitted by the President were approved by unanimous roll call vote.

D. Authorization for the Filing of Applications for Grant Funds Under the Educational Television Facilities Act of 1962, Public Law 87-447

Under the provisions of the Educational Television Facilities Act of 1962, a limited amount of funds are available through the Ohio Educational Television Network Commission to improve the television facilities for noncommercial educational stations.

It was therefore recommended that the Board of Trustees of The Ohio State University authorize the President of the University to submit an application to the Office of Education, U. S. Department of Health, Education and Welfare, for a federal matching grant to construct noncommercial educational television broadcast facilities under provisions of the Educational Television Facilities Act of 1962, Public Law 87-447.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the Board of Trustees by unanimous voice vote authorized the President of The Ohio State University to submit to federal and other agencies, applications for fiscal assistance in the aid of University educational television activities, programs and facilities.

E. Transportation Research Center - Program of Development

On April 14, 1966, the Board of Trustees of The Ohio State University on the basis of planning discussions for the development of a Transportation Research Center requested the release of \$1,000,000.00 in H. B. 949 for the acquisition of land for the Center, which request was subsequently approved by the State Controlling Board.

November 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Transportation Research Center - Program of Development (continued)

The Board at its meeting on September 8, 1966, authorized President Fawcett to formalize negotiations into an agreement between The Ohio State University and the Ohio Department of Highways, which was executed on September 9, 1966.

The Engineering Experiment Station of the College of Engineering has prepared and submitted a Program of Development for the Transportation Research Center for the orderly and efficient progress of this undertaking, which document has been distributed to the Board prior to this meeting.

President Fawcett recommended that the Board of Trustees hereby

1. Authorize the establishment of the Transportation Research Center within the Engineering Experiment Station.
2. Endorse the document entitled "Program of Development for the Transportation Research Center," dated November 1, 1966, and approve said document as a general guide for the future development of the Center, with the understanding that such approval does not preclude the need for the usual actions by the Board of Trustees as each part of the plan is implemented in the future.
3. Declare that the lands outlined in Map No. 2 of the Program of Development are needed for the proper development and operation of the Transportation Research Center, and establish said lands as the site for the Center.
4. Authorize the Vice President for Business and Finance, in accordance with the agreement dated September 9, 1966 between The Ohio State University and the Ohio Department of Highways, to proceed with appraisal, negotiation and acquisition of land as outlined in Map No. 2 of the Program of Development. In the event of failure of negotiations for the acquisition of such lands the Director of Public Works is requested to acquire by condemnation for the State of Ohio and the University the real estate encompassed in Map No. 2 of the Program of Development.
5. Instruct the Secretary to file with the records of the Board of Trustees a copy of the "Program of Development for the Transportation Research Center."

Upon motion of Mr. Bricker, 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 October 12, 1966 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 Title:

A. Promotions

Robert W. McCormick from Professor (part time - 50%) (Leader, Extension Studies and Evaluation) in the Cooperative Extension Service changed to Associate to the Vice President for Educational Services (part time - 50%), effective October 15, 1966. Dr. McCormick will continue to serve as Professor (part time - 50%) in the Department of Agricultural Education. The salary for the two appointments totals \$18,168.00 per annum.

Robert S. Platt, Jr., Assistant Professor, Department of Botany and Plant Pathology, changed to Assistant Dean - College of Biological Sciences, effective October 1, 1966, at a salary of \$10,668.00 per annum. Dr. Platt will continue to hold the rank of Assistant Professor in the Department of Botany and Plant Pathology at No Salary.

B. Leaves of Absence Without Salary

Marie E. Brittin, Associate Professor, Department of Psychology, effective October 1, 1966 through December 31, 1966, due to critical illness in the family.

George P. Hanna, Jr., Associate Professor, Department of Civil Engineering, effective November 1, 1966 through June 30, 1967, to pursue work on his doctorate at the University of Cincinnati.

C. Emeritus Title

Dallas S. Bolon, Department of Accounting, with the title Assistant Professor Emeritus, effective July 1, 1966.

Upon motion of Dr. Thomas, seconded by Mr. Jones, the 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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November 10, 1966 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 State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865 - Ext. #8 - College of Pharmacy).
Gross Value - \$9,953.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Sup. #1 - Department of Physiology).
Gross Value - \$14,283.00.
- a3. 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. #13 - Defense Management Center - College of Commerce and Administration, Continuing Education).
Gross Value - \$35,000.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Metabolism in the Hypothermic By-Passed Heart (to be known as National Institutes of Health Project No. 1100 - Ext. #6 - Department of Surgery).
Gross Value - \$39,906.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Ext. #6 - Department of Obstetrics and Gynecology).
Gross Value - \$367,082.00.
- a6. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346 - Ext. #5 - Department of Surgery).
Gross Value - \$32,842.00.

November 10, 1966 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. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Reactions of Coordinated Functional Groups (to be known as National Institutes of Health Project No. 1501 - Ext. #4 - Department of Chemistry).
Gross Value - \$28,651.00.
- a8. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Modes of Action of Tetracycline Antibiotics (to be known as National Institutes of Health Project No. 1554 - Ext. #4 - Department of Biochemistry).
Gross Value - \$19,545.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571 - Ext. #4 - Department of Biochemistry).
Gross Value - \$23,095.00.
- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Neuro-respiratory Reflexes (to be known as National Institutes of Health Project No. 1627 - Ext. #4 - Department of Psychiatry).
Gross Value - \$19,290.00.
- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Physiologic Factors Affecting Glutamic Dehydrogenase (to be known as National Institutes of Health Project No. 1631 - Ext. #3 - Department of Physiology).
Gross Value - \$14,664.00.
- a12. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Ext. #3 - Department of Business Organization).
Gross Value - \$61,109.00.
- a13. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1657 - Mod. #8 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$74,500.00.

November 10, 1966 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. National Aeronautics and Space Administration, Washington, D. C.,
Spacecraft Antenna Problems (to be known as National Aeronautics
and Space Administration Project No. 1691 - Sup. #3 - Department
of Electrical Engineering).
Gross Value - \$45,000.00.
- a15. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Survey of Cerebrovisceral
Physiology in the U.S.S.R. (to be known as National Institutes
of Health Project No. 1706 - Ext. #3 - Department of Psychiatry).
Gross Value - \$30,051.00.
- a16. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Factors Controlling Testicular
Tissue Metabolism (to be known as National Institutes of Health
Project No. 1786 - Ext. #3 - Department of Dairy Science).
Gross Value - \$32,548.00.
- a17. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Chemo- and Radiotherapy Treat-
ment of Bladder Cancer (to be known as National Institutes of Health
Project No. 1806 - Ext. #3 - Department of Surgery).
Gross Value - \$38,919.00.
- a18. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Receptive Fields of the Mesen-
cephalon (to be known as National Institutes of Health Project No.
1881 - Ext. #2 - School of Optometry).
Gross Value - \$9,232.00.
- a19. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Neuroendocrine Mechanisms
Controlling Organ Perfusion (to be known as National Institutes of
Health Project No. 1882 - Ext. #2 - Department of Psychiatry).
Gross Value - \$15,127.00.
- a20. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Sympathetic Mediated Vasopressin
Pressor Responses (to be known as National Institutes of Health
Project No. 1889 - Sup. #1 - Department of Surgery).
Gross Value - \$7,054.00.

November 10, 1966 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. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Studies of Maxillofacial Growth and Repair: Study by Electron-microscopy and Diffraction of Bone Mineralization (to be known as Office of the Surgeon General Project No. 1937 - Mod. #4 - College of Dentistry).
Gross Value - \$14,039.00.
- a22. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tissue Culture of Human Bone Marrow (to be known as National Institutes of Health Project No. 2047 - Ext. #1 - Department of Medicine).
Gross Value - \$15,225.00.
- a23. Air Force Office of Scientific Research, Arlington, Virginia, The Reinforcement Basis of Group Feedback Effects (to be known as Air Force Office of Scientific Research Project No. 2064 - Ext. #1 - Department of Psychology).
Gross Value - \$29,931.00.
- a24. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - Sup. #1 - Department of Medicine).
Gross Value - \$1,179.00.
- a25. Department of Health, Education and Welfare, Federal Water Pollution Control Administration, Bethesda, Maryland, Concentration of Chemicals by Flocc Forming Organisms (to be known as Federal Water Pollution Control Administration Project No. 2088 - Ext. #1 - Department of Microbiology).
Gross Value - \$19,980.00.
- a26. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Driver Sensory Capabilities and Its Effect on Driving Task (to be known as Bureau of State Services Project No. 2091 - Ext. #1 - Department of Industrial Engineering).
Gross Value - \$49,836.00.
- a27. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Sublethal Levels of DDT and Rabbit Adrenal Function (to be known as Bureau of State Services Project No. 2117 - Ext. #1 - Department of Zoology and Entomology).
Gross Value - \$11,364.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a28. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Pressure-Flow Relationships of Brain Circulation (to be known as National Institutes of Health Project No. 2124 - Ext. #1 - Department of Surgery).
Gross Value - \$28,599.00.
- a29. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2165 - Sup. #1 - RF Internal Supervision).
Gross Value - \$155,000.00.
- a30. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Antenna Techniques for Ionospheric Sounding (to be known as Aeronautical Systems Division Project No. 2167 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$53,840.00.
- a31. Aerospace Medical Division, Brooks Air Force Base, Texas, Research and Reports on Visual Recovery from High Intensity Flashes (to be known as Aerospace Medical Division Project No. 2195 - Sup. #2 - School of Optometry).
Gross Value - \$593.00.
- a32. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Corrosion Cracking of Metallic Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2223 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$200,000.00.
- a33. 2750th Air Base Wing, Wright-Patterson Air Force Base, Ohio, Laser System Technology (A 2-Week Course, 9/19/66 - 9/30/66) (to be known as 2750th Air Base Wing Project No. 2302 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$690.00.
- a34. National Science Foundation, Washington, D. C., Admissible Algebraic Structures on a Module for the Split Lie Algebra of Type E_7 (to be known as National Science Foundation Project No. 2329 - New - Department of Mathematics).
Gross Value - \$3,500.00.

November 10, 1966 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)

- a35. National Science Foundation, Washington, D. C., Monographic Study of the Gyponinae of the World (to be known as National Science Foundation Project No. 2334 - New - Department of Zoology and Entomology).
Gross Value - \$14,000.00.
- a36. U. S. Department of Interior, Geological Survey, Washington, D. C., Gridding of Unrectified Space Photographs (to be known as U. S. Department of Interior Project No. 2336 - New - Department of Geodetic Science).
Gross Value - \$4,777.00.
- a37. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Response Selection and Sensory Feedback (to be known as National Institutes of Health Project No. 2337 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a38. National Science Foundation, Washington, D. C., Geochemical Studies in the Wright Valley, Antarctica (to be known as National Science Foundation Project No. 2340 - New - Institute of Polar Studies).
Gross Value - \$4,400.00.

TOTAL - Government Contracts - Federal \$1,529,004.00

2. Industrial and Other Contracts

- a1. 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 #C338937 - Department of Surgery).
Gross Value - \$1,309.75.
- a2. Petroleum Research Fund, American Chemical Society, 1155 - 16th Street, N. W., Washington, D. C., Synthesis of Cyclophepta (def) fluorene (to be known as American Chemical Society Project No. 2326 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- a3. A. H. Robins Co., Inc., 1211 Sherwood Avenue, Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Co., Inc. Project No. 2327 - New - College of Pharmacy).
Gross Value - \$6,421.00.

November 10, 1966 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)

- a4. American Heart Association, Inc., 44 East 23rd Street, New York, New York, Hemolytic Episodes Related to Erythrocyte Alteration by Bacterial Antigen (to be known as American Heart Association, Inc. Project No. 2328 - New - Department of Microbiology).
Gross Value - \$10,340.00.

TOTAL - Industrial and Other Contracts \$23,070.75

The foregoing forty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,552,074.75.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, 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, 1966 through October 26, 1966, 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 290 | Long Term Deformation in Clay, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$65,400.00. |
| EES 281
Mod. #1 | A Study of the Structural Equivalence of Two Bituminous Treated Bases, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$28,000.00. |
| EES 272
Ext. #2 | An Evaluation of Rear End Signal System Characteristics in Night Driving, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$49,668.00. |

TOTAL - Government Research Contracts \$143,068.00

November 10, 1966 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

EES 243 A Study of Brake Lining Characteristics to Develop
Ext. #4 Quality Control Tests, Ford Motor Company, Ford
 Division, Dearborn, Michigan.
 Gross Value - \$30,240.00.

EES 230 Suitability and Potential Uses of Locally Produced Fly
Ext. #3 Ash as an Admixture in Portland Cement Concrete,
 The Ohio Electric Utility Institute, Columbus, Ohio.
 Gross Value - \$11,100.00.

TOTAL - Industrial Research Contracts \$41,340.00

The foregoing five contracts for research in the Engineering Experiment
Station represent a gross income of \$184,408.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received
since October 12, 1966, and were reported for the record. Appropriate ex-
pressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$254,500.00 granted by National Science Foundation to the University
for "Academic Year Institute in Science and Mathematics for Secondary
School Teachers," under the direction of Dr. John S. Richardson, School
of Education. This grant terminates on September 30, 1968. (GW-1329)

B. Received Through the Development Fund

1. \$20,000.00 from the Alcoa Foundation for the Alcoa Foundation
Professorship in Chemical Engineering.
2. \$14,455.00 from the Trust under the Will of Anna Roessler for the
Samuel J. Roessler Memorial Medical Scholarship Fund in the College
of Medicine.
3. \$11,325.00 from Wyeth Laboratories, Philadelphia, Pennsylvania--
\$8,325.00 for research in the Department of Obstetrics and Gynecology
and \$3,000.00 for research in the Department of Microbiology.
4. \$10,000.00 from Smith, Kline and French Laboratories, Philadelphia,
Pennsylvania, for the Infectious Disease Research Fund.

November 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. \$10,000.00 by a bequest in the Last Will and Testament of Ernest Abram for the establishment of the Ernest and Phil L. Abram Scholarship Fund.

Ernest and Phil L. Abram Scholarship Fund

The Ernest and Phil L. Abram Scholarship Fund was established October 19, 1966, by a bequest in the Last Will and Testament of Ernest Abram (L.L. B. '23).

The principal is to be invested under rules and regulations therefor 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 annually for a scholarship to a deserving student in the College of Law to be recommended by the Dean and Secretary of said College, or such parties who are in charge of the College of Law in any given year. Failure on the part of the College of Law to continue this scholarship annually shall result in The Ohio State University surrendering the principal of said Fund to the Estate of Ernest Abram and to be placed in the residuum for distribution. Notice of the name of such student receiving such scholarship shall be annually given to my wife, Alberta R. Abram and/or to the Trustee and Executor of my estate.

6. \$8,375.00 from Goodyear Tire & Rubber Company--\$3,500.00 for the Goodyear Aerospace Fellowship Fund in Aeronautical Engineering, \$3,500.00 for the Goodyear Foundation Fellowship Fund, \$1,000.00 for the Goodyear Foundation Scholarship Fund and \$375.00 as an unrestricted gift to the University.
7. \$6,750.00 from the American Foundation for Pharmaceutical Education--\$6,150.00 for the American Foundation for Pharmaceutical Education Fellowship Fund and \$600.00 for the American Foundation for Pharmaceutical Education Scholarship Fund.
8. \$6,000.00 from the Republic Steel Corporation for the Republic Steel Corporation Fund for Welding Engineering.
9. \$5,191.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
10. \$5,100.00 from the Sears-Roebuck Foundation for the Sears-Roebuck Foundation Scholarship Fund.
11. \$5,000.00 from Owens-Corning Fiberglas Corporation for the Owens-Corning Fiberglas Corporation Fund for Mechanical Engineering.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

12. \$5,000.00 from the Gleason Works, Rochester, New York; for the Gleason Works - Department of Mechanical Engineering Fund.
13. \$5,000.00 by a bequest from Adolph Golden, Coshocton, Ohio, to be used as the Board of Trustees shall determine for cancer and heart research.
14. \$4,200.00 from Shell Companies Foundation for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
15. \$4,000.00 from Inland Steel - Ryerson Foundation, Inc. for the Inland Steel - Ryerson Foundation Fellowship Fund.
16. \$4,000.00 from the Monsanto Chemical Company--\$1,500.00 for the Monsanto Fellowship in Chemistry and \$2,500.00 for the Monsanto Aid to Education - Chemical Engineering Fund.
17. \$3,000.00 from the Guernsey County Cancer Society for the Operation Eye Research Fund.
18. \$3,000.00 from The National Scholarship Trust Fund of the Education Council of the Graphic Arts Industry, Inc., Washington, D. C., for a fellowship in the Department of Electrical Engineering.
19. \$2,200.00 from the United Fund of St. Marys, Ohio--\$1,500.00 for the United Fund of St. Marys, Ohio, Cancer Research Fund and \$700.00 for the United Fund of St. Marys, Ohio, Research Fund.
20. \$2,000.00 from the Lazarus Store Foundation (Robert Lazarus, Sr.) for the Student Athlete Grant-in-Aid Fund.
21. \$2,000.00 from the Schering Corporation for the Schering Corporation Allergy Research Fund.
22. \$1,500.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
23. \$1,250.00 from J. T. Edwards Company Foundation, Inc. --\$150.00 for the Student Athlete Grant-in-Aid Fund, \$600.00 as an undesignated gift and \$500.00 for the J. T. Edwards Company Scholarship Fund.
24. \$1,000.00 from Simon Lazarus Family Foundation (Charles Y. Lazarus) as an undesignated gift to the University.

TOTAL - Received Through the Development Fund \$140,346.00

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A field office construction building from G. F. Driscoll Co., New York, New York, for purposes as designated by the Office of Business and Finance.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the acceptance of the above 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 September, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	292	\$ 17,314.56
Individuals other than alumni	53	3,064.50
Nonprofit organizations	22	75,935.35
Business concerns	<u>31</u>	<u>66,093.20</u>
	398	\$162,407.61

Of these gifts, 163 totaling \$3,851.64 were undesignated and 235 totaling \$158,555.97 were designated.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. The Ohio State University Printing Facility	\$ 1,364.00
2. Physics and Astronomy Building	508.81
3. Systems Engineering Building	1,062.00
4. Materials Engineering and Science Building	1,089.00
5. Masonry Repairs	3,792.00
6. Mansfield Campus, General Academic Facility	810.00
7. Aircraft Apron and Fire Crash and Rescue Building	3,914.00
8. Lima Campus, General Academic Facility	<u>7,299.00</u>
Total	<u>\$19,838.81</u>

November 10, 1966 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. Credit Orders to Contracts

1. Raney Commons	\$ 4,655.00
2. Additional Stacks for Main Library	<u>1,215.00</u>
Total	<u>\$ 5,870.00</u>

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above recommendation 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, 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, Repairs and Improvements to Corridors and Lobbies

This project will provide installation of suspended acoustical ceilings, installation of new vinyl asbestos flooring and installation of ceramic tile on walls and various corridors and lobby areas.

Funds will be provided from Budget Accounts 801086, 801082 and 921400.

B. Wall Maintenance, University Buildings

This project includes interior wall painting, vinyl wall covering, acoustical ceiling cleaning and wall washing in various University buildings.

Funds will be provided from Budget Account 121658.

Upon motion of Dr. Thomas, 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. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

November 10, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. McCracken Power Plant - Extension to Condenser Lines

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 10-21-66)		
Henry L. Miller & Son (Hilliard, Ohio)	\$ 24,790.00	\$ 35,000.00

Funds for this project will be provided from Budget Account 801096.

B. Marion Branch Campus (Phase I)
(Bids received October 27, 1966)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$ 954,300.00	\$ 895,774.00
G-11 Convert Mechanical Room	100.00	1,200.00
Total	<u>\$ 954,400.00</u>	<u>\$ 896,974.00</u>

<u>Plumbing Contract</u>		
(9 bids received)		
Charles Hoffman Co. (Mansfield)		
Base Bid	\$ 69,983.00	\$ 71,543.00
P-3 Relocate Water Heater	500.00	No change
Total	<u>\$ 70,483.00</u>	<u>\$ 71,543.00</u>

<u>Heating, Ventilating and Air Conditioning Contract</u>		
(8 bids received)		
The Kuempel Co. (Columbus)		
Base Bid	\$ 304,322.00	\$ 300,000.00
H-5 Electric Reheat Coils	- 17,500.00	- 12,000.00
Total	<u>\$ 286,822.00</u>	<u>\$ 288,000.00</u>

<u>Electrical Contract</u>		
(4 bids received)		
Richwood Electric Co. (Marion)		
Base Bid	\$ 138,485.00	\$ 142,753.00
E-7 Electric Chiller	2,000.00	1,000.00
Total	<u>\$ 140,485.00</u>	<u>\$ 143,753.00</u>

<u>Laboratory Equipment Contract</u>		
(5 bids received)		
Southern Desk Co. (Delaware)		
Base Bid	\$ 19,500.00	\$ 22,075.00
EQ-1 Additional Equipment	24,900.00	29,380.00
Total	<u>\$ 44,400.00</u>	<u>\$ 51,455.00</u>

November 10, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Marion Branch Campus (Phase I)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Library Equipment Contract</u>		
(4 bids received)		
The Miller Co. (Piqua)		
Base Bid	\$ 17,650.00	\$ 19,000.00
 <u>Fixed Seating Contract</u>		
(3 bids received)		
American Seating Co. (Cleveland)		
Base Bid	\$ 14,197.50	\$ 15,480.00
 <u>Art Room Equipment Contract</u>		
(4 bids received)		
The Miller Co. (Piqua)		
Base Bid	\$ 2,950.00	\$ 3,200.00
 <u>Total All Contracts</u>	 <u>\$1,531,387.50</u>	 <u>\$1,489,405.00</u>

Funds for this project are provided in Item 038, H. B. 949.

Upon motion of Mr. Bricker, 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.

* * *

VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 8 Approves the transfer of \$996,840.00 from H. B. 202, Item 016, to Item 042 and the release of this amount to provide for contracts for the project "Wiseman Hall Addition."
- 9 Authorizes bidding on the project "Marion Branch" for a period of two weeks.

* * *

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Perkins Observatory Renovation

President Fawcett recommended that the Board of Trustees authorize the expenditure of funds in an amount not to exceed \$23,000.00 from the University Treasurer General Fund for improvements at the Perkins Observatory located at Ohio Wesleyan University.

November 10, 1966 meeting, Board of Trustees

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

A. Perkins Observatory Renovation (continued)

The President stated that these improvements would provide for offices and laboratories for graduate students of The Ohio State University. The work would be accomplished by Ohio Wesleyan University and the cost of the project billed to The Ohio State University upon completion.

Upon motion of Mr. Jones, seconded by Mr. Bricker, 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 Faith Lanman Gorrell, Professor Emeritus and former Director of the School of Home Economics; Cedric Hesthal, Associate Professor Emeritus in the Department of Physics; and Roscoe H. Eckelberry, Professor Emeritus in the School 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. Faith Lanman Gorrell

The Board of Trustees expresses its sorrow at the death on October 9, 1966, of Faith Lanman Gorrell, Professor Emeritus and former Director of the School of Home Economics.

Mrs. Gorrell was born on November 21, 1881, in New London, Connecticut. She received the Bachelor of Science degree from The Ohio State University in 1903 and two degrees from Teachers' College, Columbia University-- the Bachelor of Science in 1907 and Master of Arts in 1924. She completed additional studies at the University of Michigan.

Mrs. Gorrell had a long and distinguished career in the field of home economics. She taught in St. Petersburg, Florida, schools from 1903 through 1906. In 1907, when home economics, or as it was called then, domestic science, was introduced in the schools of Columbus, Ohio, Mrs. Gorrell was made Director of Domestic Science for the public schools of the city. She held this position until 1918 when she became Assistant State Leader and later, State Leader in Home Economics Extension.

Mrs. Gorrell was appointed Chairman of the Department of Home Economics in 1920; and when this Department became the School of Home Economics in 1929, she became its Director. In 1945, she resigned as Director and set up a system of alumni records and placement for the School. From 1926 to 1945, she was also Chief, Department of Home Economics, Ohio Agricultural Experiment Station. She retired on June 30, 1952.

November 10, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Faith Lanman Gorrell (continued)

Under Mrs. Gorrell's direction, home economics at Ohio State made great progress. She instituted courses in child care in 1922 making Ohio State the first college to offer education in this area. The nursery school was started in 1925 for use as a teaching laboratory in child development. Institution management, with a cafeteria first in Campbell Hall and later in Pomerene Hall, became part of the curriculum in 1920. The Grace Graham Walker Home Management House was dedicated in 1932. Household equipment courses were initiated and research and graduate work in textiles and dietetics began.

Mrs. Gorrell was a member of the American Home Economics Association, the Ohio Home Economics Association, the American Dietetic Association, the American Public Health Association, Phi Upsilon Omicron, Omicron Nu and Sigma Delta Epsilon.

In appreciation of Mrs. Gorrell's work in organizing alumni records and assisting the newly formed Home Economics Alumni Association (started in 1946), the alumni founded in 1952 a Faith Lanman Gorrell Scholarship and honored Mrs. Gorrell as an outstanding alumna.

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

B. Cedric Hesthal

The Board of Trustees expresses its sorrow at the death on August 1, 1966, of Cedric Hesthal, Associate Professor Emeritus in the Department of Physics.

Professor Hesthal was born in San Francisco on December 13, 1903. From 1920 to 1929, he attended Stanford University from which he received the A. B. degree in 1924, the A. M. degree in 1927 and the Ph. D. degree in Physics in 1929.

Dr. Hesthal joined the staff of The Ohio State University in 1929 as Instructor in Physics. He became Assistant Professor in 1934 and Associate Professor in 1944. In 1936, he was also named Research Associate of the Perkins Observatory. He spent two years during World War II at the Underwater Sound Laboratory of Harvard University doing research on underwater devices for the United States Navy. During the late 1940's, he was chief investigator in a research project on optical interference filters for the U. S. Air Force.

Dr. Hesthal was a member of the American Physical Society, the Optical Society of America, the American Association for the Advancement of Science, the Astronomical Society for the Pacific and the Society of the Sigma Xi. In 1960, the Civitan Club of North Columbus presented Dr. Hesthal a Citizenship Award in recognition of "his service in behalf of youth, particularly in the fields of science and youth education."

November 10, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Cedric Hesthal (continued)

Dr. Hesthal was a masterful teacher and a pioneer in the development of courses in physical science for students other than those specializing in science, starting this effort in the 1930's when few science professors recognized the importance of this activity. His General Studies in Physics and Astronomy, taken by thousands of students over a period of 30 years, was a unique course presenting some of the facts, spirit and methods of science. His students were impressed by his genial sense of humor and his kindly interest in them as growing individuals. He designed and developed much new equipment for lecture demonstrations and laboratory instruction particularly for this course. His course material was published as a text, Study of Physical Phenomena.

Dr. Hesthal was a talented experimental physicist. His principal research efforts were in optics and spectroscopy. He made notable contributions to Perkins Observatory in the design and construction of auxiliary spectroscopic and photographic equipment for the large telescope.

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.

C. Roscoe H. Eckelberry

The Board of Trustees expresses its sorrow at the death on October 27, 1966, of Roscoe H. Eckelberry, Professor Emeritus in the School of Education.

Professor Eckelberry was born on April 11, 1891, in Zaleski, Ohio. He entered The Ohio State University in 1920 where he earned three degrees-- the Bachelor of Science in Education in 1922, the Master of Arts in 1923 and the Doctor of Philosophy in 1927. He began his teaching in the history and philosophy of education areas and became a professor of education in 1939. In 1943, he assumed the editorship of the Journal of Higher Education and the Educational Research Bulletin. He served as chairman of the Committee on Graduate Work in Education 1939-43.

Dr. Eckelberry was a man of varied interests. For seven years, he was director of the Ohio Conservation Laboratory. Since retirement, he was completing a study on the history of the Muskingum Watershed Conservancy District.

Roscoe Eckelberry was a modest, self-effacing man, but he was never cowed by authority nor did he ever shrink from controversy. He was actively concerned with the development of the community college. He had a keen sense of the difference between the trivial and the important, between the significant issues in education and the ephemeral ones. Roscoe Eckelberry was gracious, friendly, witty and a man of good will.

November 10, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Roscoe H. Eckelberry (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. Report on the Department of Aviation

President Fawcett presented Professor Jack J. Eggspuehler, Chairman of the Department of Aviation, who was invited to report on the programs and activities of the Department of Aviation. The invitation was extended to Professor Eggspuehler in response to questions raised at the last meeting of the Board of Trustees held on October 12, 1966.

Professor Eggspuehler's report is summarized as follows:

Professor Eggspuehler reported that the Department of Aviation's instructional program serves students from a cross-section of the University with departments in almost every academic area represented. He cited specific cases where former students of the Department are now serving in various national defense and civilian activities; e. g. , five residents in aviation medicine of the University's College of Medicine have qualified for the National Aeronautics and Space Administration for the astronaut-scientist training program as a result of their flight training experience gained in the Department of Aviation. He emphasized, however, that the teaching of flying is only a small part of the Department of Aviation's total instructional program and noted that the goal of the Department is to provide undergraduate, graduate and professional students with the educational background to solve the many problems facing the total aviation industry of today and tomorrow. He presented examples of how the instructional program includes nationally recognized projects such as the annual agricultural aviation short course and the flight instructors recertification course sponsored by the Federal Aviation Agency.

Additionally, Professor Eggspuehler reported that among the many and varied research activities, the Department of Aviation has developed a competence in low altitude flight which has placed the University in the forefront in this area of aviation research.

In concluding, Professor Eggspuehler stated that the University Airport, identified as Don Scott Field, is now considered as the general aviation airport for the Columbus metropolitan area with some 130 private aircraft being based at the airport. Over 92,000 aircraft operations were registered by Don Scott Field during the past year.

November 10, 1966 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report on the Department of Aviation (continued)

President Fawcett and the Chairman of the Board, Mr. Davis, commended Mr. Eggspuehler on the excellent program of the Department of Aviation, and they expressed their gratitude to Professor Eggspuehler for his personal leadership in the development of the Department and the effective manner in which he presented the report.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated October 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, December 8, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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

Columbus, Ohio, December 8, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, December 8, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, John G. Ketterer, Frederick E. Jones, Mervin B. France and James W. Shocknessy.

* * *

Minutes of the last meeting were approved.

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December 8, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Department of Linguistics
in the College of Arts and Sciences

The Faculty Council on November 8, 1966, approved the recommendation adopted by the Council on Academic Affairs that a Department of Linguistics be established in the College of Arts and Sciences.

Since 1962, the area of linguistics has been administered as a Division of Linguistics within the College of Arts and Sciences. During the intervening time, the course offerings of the Division have grown in depth and diversity; the faculty and the graduate student body have increased; and programs leading to the M. A. and Ph. D. degrees in linguistics have been established. It is understood that all aspects of the educational program of the Division of Linguistics will be transferred to the new Department of Linguistics, effective with the 1967-68 academic year beginning Summer Quarter 1967.

President Fawcett recommended that the above action of the Faculty Council be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

B. Change the Name of the School of Architecture and
Landscape Architecture to School of Architecture

The faculty of the College of Engineering has proposed that the name of the School of Architecture and Landscape Architecture be changed to the School of Architecture. Concurrently with the change in name, the proposal included the recommendation that the three teaching disciplines in the School be identified as Divisions. These Divisions are: Architecture, Landscape Architecture and City and Regional Planning. The School now offers two, five-year undergraduate degrees--Bachelor of Architecture and Bachelor of Landscape Architecture--and two graduate degrees--Master of Architecture and Master of City and Regional Planning.

The above proposal was endorsed by the Council on Academic Affairs and was approved by the Faculty Council on November 8, 1966.

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the School of Architecture and Landscape Architecture to the School of Architecture, effective with the 1967-68 academic year beginning Summer Quarter 1967.

The name of the School of Architecture and Landscape Architecture was changed to the School of Architecture by unanimous voice vote of the Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

C. Master of Medical Science Degree Replaced by Master of Science Degree in Certain Departments in the College of Medicine

The Faculty Council on November 8, 1966, upon the recommendation of the Council on Academic Affairs approved the College of Medicine proposal that the present Master of Medical Science degree offered by various departments of the College be replaced by the Master of Science degree, effective with the 1967-68 academic year beginning Summer Quarter 1967. The following departments of the College of Medicine are now awarding the Master of Medical Science degree: Medicine, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pediatrics, Physical Medicine, Radiology and Surgery.

This request is based upon the need of the requesting departments to offer for medical personnel a means of preparing for an academic career in institutions of higher education. Each medical resident who successfully completes the Master of Science degree in his major department will fulfill all the requirements set forth by the Graduate School for the degree.

President Fawcett recommended that the action of the Faculty Council be approved by the Board of Trustees.

The Board of Trustees approved the above recommendation by unanimous voice vote.

D. Degrees and Certificates Conferred - Autumn Quarter Commencement Convocation

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 20, 1966, 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 VI, page 353.)

By unanimous voice vote of the Board of Trustees, the above recommendation was approved.

E. Temporary Assignment of Oxley Hall to Research Space

The following resolution was presented by President Fawcett:

WHEREAS, there exists an urgent need to provide additional building space to house research functions of the University; and

WHEREAS, the temporary assignment of Oxley Hall to such use will not impair any other program of the University; and

WHEREAS, the amount herein provided to be paid by The Ohio State University Research Foundation for use of Oxley Hall will equal or exceed the revenues that could be derived therefrom under current usage; and

I. GENERAL RECOMMENDATIONS (continued)

E. Temporary Assignment of Oxley Hall to Research Use (continued)

WHEREAS, the President and the Vice President for Business and Finance of the University have certified to this Board that the net income from dormitory facilities, even without any revenues from Oxley Hall will yet exceed one and three tenths times the debt service requirements on all dormitory revenue bonds of the University;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Trustees of The Ohio State University that the Vice President for Business and Finance, of the University be and he is hereby authorized to make Oxley Hall temporarily available to use by The Ohio State University Research Foundation, until further action thereon by this Board, on condition that the Foundation shall make semiannual advance payments for the use thereof to the Dormitory Revenue Fund in semiannual amounts of \$37, 926.00 on or before March 15 and September 15 of each year with the first such payment to begin and be prorated to the date of occupancy for research purposes.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 10, 1966 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Edison L. Klingler, Instructor (County Extension Agent, Agriculture) Hardin County, effective January 1, 1967 through June 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Duane B. Lau, Instructor (Assistant State Leader, 4-H), effective February 1, 1967 through March 31, 1967, to participate in a program of professional improvement at Merrill-Palmer Institute.

Calvin M. Leimbach, Instructor (County Extension Agent, Agriculture) Allen County, effective January 1, 1967 through June 15, 1967, to participate in a program of professional improvement at The Ohio State University.

December 8, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Leaves of Absence With Salary (continued)

Glenn Edward Maddy, Instructor (County Extension Agent, Agriculture) Sandusky County, effective January 1, 1967 through June 15, 1967, to participate in a program of professional improvement at The Ohio State University.

B. Leaves of Absence Without Salary

James B. Christoph, Professor, Department of Political Science, effective April 1, 1967 through June 30, 1967, to accept a Fulbright award in Europe. (Correction of leave granted September 8, 1966--January 1, 1967 through June 30, 1967.)

Clarence C. Bowen, Assistant Professor (Extension Specialist, Livestock Marketing), Cooperative Extension Service, effective December 1, 1966 through February 28, 1967, to serve as counselor for the Swine Improvement Program for the country of Brazil.

Ralph E. LaRue, Instructor (Area Extension Agent, 4-H) Hillsboro Area Center, Cooperative Extension Service, effective January 1, 1967 through March 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Patricia A. Shenberger, Instructor (County Extension Agent, Home Economics) Richland County, Cooperative Extension Service, effective November 15, 1966 through February 15, 1967, for personal reasons.

C. Emeritus Title

Walter C. Barrett, Jr., Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective January 1, 1967.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Leaves 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 8, 1966 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Mosquito Studies (to be known as National Institutes of Health Project No. 702 - Ext. #10 - Department of Zoology and Entomology).
Gross Value - \$22,212.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893 - Ext. #8 - Department of Anatomy).
Gross Value - \$31,880.00.
- a3. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Mechanisms of Photochemically Initiated Oxidations (to be known as Bureau of State Services Project No. 1220 - Sup. #1 - Department of Chemistry).
Gross Value - \$11,732.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383 - Ext. #5 - Department of Chemistry).
Gross Value - \$40,762.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409 - Ext. #5 - Department of Physiology).
Gross Value - \$15,270.00.
- a6. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Operant Conditioning in Retardates (to be known as National Institutes of Health Project No. 1524 - Ext. #4 - Department of Psychiatry).
Gross Value - \$15,283.00.

December 8, 1966 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 Aeronautics and Space Administration, Washington, D. C. ,
Theoretical and Experimental Investigation of the Measurement of
Angular Rotation with Photons (to be known as National Aeronautics
and Space Administration Project No. 1760-A - Sup. #2 - Depart-
ment of Physics).
Gross Value - \$20,000.00.
- a8. U. S. Army Medical Research and Development Command, Office
of the Surgeon General, Washington, D. C. , Effects of Vibration,
Noise and Task Complexity on Performance in Rotary Wing and
Fixed Wing Aircraft (to be known as U. S. Army Medical Research
and Development Command Project No. 1857 - Mod. #4 - Department
of Preventive Medicine).
Gross Value - \$12,471.00.
- a9. National Aeronautics and Space Administration, Washington, D. C. ,
Experimental and Theoretical Investigation of the Rheological
Properties of Materials (to be known as National Aeronautics and
Space Administration Project No. 1863 - Sup. #1 - Department of
Chemical Engineering).
Gross Value - \$20,000.00.
- a10. Systems Engineering Group, Research and Technology Division,
Wright-Patterson Air Force Base, Ohio, Research and Development
of Aerospace Environmental Physiological Stresses (to be known as
Systems Engineering Group, Research and Technology Division
Project No. 1940 - C. O. #3 - Department of Preventive Medicine).
Gross Value - \$8,672.00.
- a11. Department of Health, Education and Welfare, National Institutes
of Health, Bethesda, Maryland, Medicinal Chemical Aspects of the
Gem-Dialkyl Effect (to be known as National Institutes of Health
Project No. 1992 - Ext. #1 - College of Pharmacy and Department
of Chemistry).
Gross Value - \$22,075.00.
- a12. National Aeronautics and Space Administration, Washington, D. C. ,
Cardiovascular Responses to Environmental Vibrations (to be
known as National Aeronautics and Space Administration Project
No. 2045 - Sup. #1 - Department of Preventive Medicine).
Gross Value - \$65,000.00.

December 8, 1966 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)

- a13. 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 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a14. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Studies of Antennas for Reflectometer Application (to be known as National Aeronautics and Space Administration Project No. 2143 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$40,000.00.
- a15. Department of State, Agency for International Development, Washington, D. C., Technical Assistance in the Development of a National Plan for Human Resources in Ecuador (to be known as Department of State, Agency for International Development Project No. 2158 - Amend. #3 - Department of Economics).
Gross Value - \$30,000.00.
- a16. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Conduct Management Seminar for Turkish Air Force Officers Through the Military Assistance Program (to be known as Air Force Institute of Technology Project No. 2276-B - Mod. #3 - Defense Management Center - College of Commerce and Administration, Continuing Education).
Gross Value - \$13,080.00.
- a17. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Production Control Course for Philippine Air Force Officers Under the Military Assistance Program (to be known as Air Force Institute of Technology Project No. 2276-C - Mod. #4 - Defense Management Center - College of Commerce and Administration, Continuing Education).
Gross Value - \$1,500.00.
- a18. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Studies in vivo Grown Staphylococci (to be known as National Institutes of Health Project No. 2330 - New - Department of Medical Microbiology).
Gross Value - \$41,307.00.

December 8, 1966 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)

- a19. National Science Foundation, Washington, D. C. , Microscopic Structure of Liquids and Solids (to be known as National Science Foundation Project No. 2331 - New - Department of Physics).
Gross Value - \$31,600.00.
- a20. Electronic Systems Division, AFSC, 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 Project No. 2332 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a21. National Science Foundation, Washington, D. C. , Infrared Spectroscopy (to be known as National Science Foundation Project No. 2333 - New - Department of Physics).
Gross Value - \$54,700.00.
- a22. National Science Foundation, Washington, D. C. , Turbulent Motion and Mixing (to be known as National Science Foundation Project No. 2339 - New - Department of Chemical Engineering).
Gross Value - \$44,300.00.
- a23. National Science Foundation, Washington, D. C. , Compounds Containing Aluminum-Aluminum Covalent Bonds (to be known as National Science Foundation Project No. 2345 - New - Department of Chemistry).
Gross Value - \$33,700.00.
- a24. National Science Foundation, Washington, D. C. , Pro-Noetherian Algebras and Modules (to be known as National Science Foundation Project No. 2346 - New - Department of Mathematics).
Gross Value - \$10,000.00.
- a25. National Science Foundation, Washington, D. C. , Liquid He³-He⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2347 - New - Department of Physics).
Gross Value - \$85,400.00.
- a26. National Science Foundation, Washington, D. C. , Preparation and Translation of a Volume of Readings in Soviet Economic Geography (to be known as National Science Foundation Project No. 2348 - New - Department of Geography).
Gross Value - \$21,400.00.

December 8, 1966 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)

- a27. National Science Foundation, Washington, D. C., Individual and Community: A Study of Political Attitudes and Participation (to be known as National Science Foundation Project No. 2349 - New - Departments of Political Science and Geography).
Gross Value - \$18,200.00.
- a28. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2351 - New - Department of Electrical Engineering).
Gross Value - \$235,800.00.
- a29. National Science Foundation, Washington, D. C., Glaciological and Meteorological Study of Anvers Island, Antarctica (to be known as National Science Foundation Project No. 2352 - New - Institute of Polar Studies).
Gross Value - \$58,300.00.

TOTAL - Government Contracts - Federal \$1,064,644.00

2. Industrial and Other Contracts

- a1. 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 #C351321 - Department of Surgery).
Gross Value - \$2,449.36.
- a2. The National Education Association, 1201 - 16th Street, N. W., Washington, D. C., Language Instruction for the Deaf (to be known as The National Education Association Project No. 2096 - Ext. #1 - Department of Speech).
Gross Value - \$52,060.00.
- a3. Tuberculosis Society of Columbus and Franklin County, 503 Oak Street, Columbus, Ohio, Pulmonary Capillary Blood Volume and Pulmonary Membrane Diffusing Capacity in the Patients with Pulmonary Emphysema (to be known as Tuberculosis Society of Columbus and Franklin County Project No. 2209 - Ltr. 11/15/66 - Department of Medicine).
Gross Value - \$800.00.

TOTAL - Industrial and Other Contracts \$55,309.36

December 8, 1966 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)

The foregoing thirty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,119,953.36.

Upon motion of Mr. Jones, seconded by Mr. France, 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 October 27, 1966 through November 22, 1966, 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. Industrial Research Contracts

SC 59 Training Program for Supervisors and Operators of Waste Treatment Facility, North American Aviation, Columbus, Ohio 43216.
Gross Value - \$600.00.

SC 61 OCD, A & E Professional Development Courses, Fall 1966, National Society of Professional Engineers, Washington, D. C. 20006.
Gross Value - \$8,159.42.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$8,759.42.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 10, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Received Through the Development Fund

1. \$10,000.00 from The Bremer Foundation for the Bremer Foundation Fund.
2. \$10,000.00 from the Columbus Foundation for the Charles A. Dice Fund.

December 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

3. \$6,295.00 from Dolly Lurie Cohen (Mrs. A. B.) to the University for deposit in the Dolly Lurie Cohen Fund, Account No. 179989.
4. \$5,796.00 from Field Enterprises Educational Corporation for the Field Enterprises Educational Corporation Fund.
5. \$5,000.00 from The Huntington National Bank for the Charles A. Dice Fund.
6. \$5,000.00 from The Ford Motor Company for the Ford Motor Company Fund for Mechanical Engineering.
7. \$5,000.00 from Warren-Teed Pharmaceutical for the Infectious Disease Research Fund.
8. \$4,500.00 from Armco Steel Corporation for the Armco Steel Corporation Fellowship in Metallurgical Engineering.
9. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
10. \$4,000.00 from Esso Education Foundation, New York, New York, for the Department of Chemical Engineering for the 1966-67 fellowship program.
11. \$3,000.00 from The Bendix Corporation as a research grant for the Department of Electrical Engineering.
12. \$1,768.95 from Antique Show Receipts (Josephine S. Failer) to the University for deposit in the Josephine S. Failer Fund, Account No. 179989.
13. \$1,500.00 from William H. Havener, M.D. for the Ophthalmology Teaching Fund.
14. \$1,012.00 from friends and relatives of Martha Koehne and Minerva Harbage for the establishment of the Martha Koehne and Minerva Harbage Memorial Fund.

Martha Koehne and Minerva Harbage Memorial Fund

The Martha Koehne and Minerva Harbage Memorial Fund was established November 10, 1966, by gifts through the Development Fund in memory of Martha Koehne (B.A. '08, M.A. '10) and Minerva Harbage (M.Sc. '31).

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

14. Martha Koehne and Minerva Harbage Memorial Fund (continued)

The income is to be added to principal until such time as the principal, with these additions and other gifts, reaches an amount sufficient to produce enough income to support an annual scholarship award. At that time the annual scholarships shall be awarded to a student in Home Economics who is majoring in nutrition.

In case the need for such scholarships should cease to exist or so diminish as to create unused income, then said income shall be used on order of the Board of Trustees for some appropriate use in the field of Home Economics.

15. \$1,000.00 from Thomas B. Meek, Sr. to the University for deposit in the Thomas B. Meek, Sr. Fund, Account No. 179989.
16. \$1,000.00 from Fred A. Murphy for Student Athlete Grant-in-Aid Fund.
17. \$1,000.00 from Ohio Bankers Association for the Charles A. Dice Fund.
18. \$1,000.00 from Arthur E. Shepard to the University for deposit in the Arthur E. Shepard Fund, Account No. 179989.
19. \$1,000.00 from Leland A. Stoner for the Charles A. Dice Fund.
20. \$1,000.00 from Ronald W. Thompson, Cleveland, Ohio, for the Ronald W. Thompson Fund for Engineering.
21. \$433.95 from Josephine Sitterle Failer for the establishment of the Josephine Sitterle Failer Award Fund.

Josephine Sitterle Failer Award Fund

The Josephine Sitterle Failer Award Fund was established November 16, 1966, by a gift through the Development Fund from Josephine Sitterle Failer (Mrs. Jay L.) (B.Sc. in Pharmacy '39).

The principal is to be invested in accordance with rules and regulations therefor 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 for awards to student residents of the Alumnae Scholarship Houses who have been elected to membership in significant University-recognized honorary sororities, fraternities and similar organizations. Initially, these are to include those who become members of Chimes, Mirrors, Mortar Board and Alpha Lambda Delta. This list of organizations is not to be exclusive; other organizations may achieve significance and new organizations may be created and may be included.

December 8, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

21. Josephine Sitterle Failer Award Fund (continued)

The awards may include pins, rings, other symbols of membership or dues. There is no requirement to spend all income in any given year.

Selection of the awardees, of the organizations and the awards is to be made by the Assistant for Alumnae Affairs of The Ohio State University Association or her successors.

In case the need for such awards should cease to exist or so diminish as to create unused income or in case the Alumnae Scholarship Houses should not continue to function, then the income may be used at the discretion of the Board of Trustees of The Ohio State University for any purpose in the area of women students' activities at the University.

TOTAL - Received Through the Development Fund \$73,805.90

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

B. Report from The Ohio State University Development Fund

In October, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	823	\$ 52,840.62
Individuals other than alumni	85	5,552.25
Nonprofit organizations	19	62,907.36
Business concerns	<u>12</u>	<u>32,795.71</u>
	939	\$154,095.94

Of these gifts, 647 totaling \$7,347.56 were undesignated and 292 totaling \$146,748.38 were designated.

C. Report from the Finance and Investment Committee - President's House

Upon the request of the Chairman of the Board, Mr. Davis, the following resolution as proposed by the Finance and Investment Committee of the Board was read by the Secretary:

WHEREAS, it has been determined that a new residence for the President of The Ohio State University shall not be provided at this time; and

WHEREAS, certain monies have been contributed by various donors to defray all costs for such a residence;

IV. GRANTS AND GIFTS (continued)

C. Report from the Finance and Investment Committee - President's House
(continued)

NOW, THEREFORE, be it resolved that the Treasurer of The Ohio State University be and is hereby authorized to advise the said donors that a new residence will not be provided at this time for the President of The Ohio State University, and that the monies contributed for this said purpose may be redesignated for other uses of the University or be refunded, and further,

BE IT RESOLVED, that the Treasurer of the University be and is hereby authorized to take the action as directed by the donors.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above resolution was adopted by a roll call vote with five members voting affirmatively. Mr. Bricker did not vote.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Ohio Union, Third Floor Addition, South Wing	\$ 1,796.00
2. Athletic Facility North - Phase II	1,795.00
3. Taylor Tower	609.00
4. Raney Commons	4,584.00
5. Systems Engineering Building	<u>3,618.00</u>
Total	<u>\$12,402.00</u>

B. Credit Orders to Contracts

1. Athletic Facility North - Phase I	\$ 645.00
2. Dayton Branch - Phase II (Science Building)	<u>2,015.00</u>
Total	<u>\$ 2,660.00</u>

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendation 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, 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. Stadium Dormitory Food Service Facility Remodeling

This project provides for remodeling and modernization of the Stadium Dormitory kitchen and dining areas.

Funds for the project will be provided from Budget Account 801091.

B. Mansfield Campus, Phase II

This project will provide a separate building, containing faculty offices, a library, a cafeteria and areas for various student and faculty activities and services.

Funds for the project will be provided from Item 050, H. B. 949, and a Federal Grant.

C. Lighting Improvements - Seventeenth Avenue

This project will provide replacing the existing lighting system with new underground wiring, new aluminum poles and mercury luminaires.

Funds will be provided from Budget Account 121658.

Upon motion of Mr. Bricker, 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. REPORT OF AWARD OF CONTRACTS

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

A. Wiseman Hall - Replacement of Incinerator

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 11-9-66)		
Holzapfel Construction Co. (Columbus)	\$16,100.00	\$28,000.00
<u>Electrical Contract</u>		
(3 bids received 10-18-66)		
Mid City Electric Co. (Columbus)	1,519.00	3,500.00

December 8, 1966 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Wiseman Hall - Replacement of Incinerator (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u> (3 bids received 11-9-66)		
Roland A. Esswein and Sons (Columbus)	<u>\$ 9,437.00</u>	<u>\$10,000.00</u>
Total Contracts	<u>\$27,056.00</u>	<u>\$41,500.00</u>

Funds for this project will be provided from Budget Account 801085 and Budget Account 921400.

Upon motion of Mr. Jones, 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 purposes:

- 9 Authorizes ten day advertising for the project "Marion Branch."
- 10 Approves the release of \$9,950.00 from H. B. 202, Item 018, to provide funds for a part of the second parking lot at Lima Branch.
- 11 Approves the award of an extra order to construct the entrance including steps and site development which has been redesigned in an amount of \$29,950.00 for the Engineering Classroom Building.
- 12 Approves the award of an extra order to revise the heating and ventilating work on Mansfield Campus Phase I in the amount of \$15,938.00.
- 13 Authorizes the transfer of \$1,458,000.00 from Item 016 to a new item, 054 Dodd Hall Addition, and release of \$86,255.00 in this item for planning funds.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Architects - Laboratory Animal Facility

President Fawcett recommended that the architectural firm of Urban, Calabretta & Lewis be employed to prepare schematic preliminary studies and drawings for this project to accompany an application for a grant of Federal funds.

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

A. Employment of Architects - Laboratory Animal Facility (continued)

If the project proceeds beyond the schematic stage, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

The fee for this work will be 2 1/2 times the actual costs but not to exceed \$4,800.00.

Funds will be provided from Budget Account 801021 for this purpose.

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

B. Employment of Engineers - University Hospital, Air Conditioning of Patient Rooms

President Fawcett recommended that the engineering firm of W. E. Monks be employed to prepare a preliminary study for this project.

If the project proceeds beyond the preliminary stage, it is understood that any payment for the preliminary work will be deducted from a negotiated fee for the complete project.

The fee for this service will be the direct payroll costs of employees, including an imputed Principal's pay of \$5.00 per hour, times a multiple of two, plus Architectural Consulting Services, Estimating Consulting Services and reproduction cost of presentation documents, but not to exceed \$10,000.00.

Funds will be provided from the Hospital Rotary.

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

C. 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 \$95,000.00 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. France, seconded by Mr. Jones, 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 Edward V. O'Rourke, Professor Emeritus in the Department of Chemical Engineering; George B. Crane, Assistant Director Emeritus in the Cooperative Extension Service; and John Edwin Brown, 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. Edward V. O'Rourke

The Board of Trustees expresses its sorrow at the death on November 11, 1966, of Edward V. O'Rourke, Professor Emeritus in the Department of Chemical Engineering.

Mr. O'Rourke was born in Columbus, Ohio, on September 5, 1895. He was graduated from The Ohio State University where he received the degree of Bachelor of Engineering in Mining.

From 1919 to 1925, Professor O'Rourke worked as a mining and petroleum engineer in the copper mines in Chile and Venezuela, South America, and Ruth, Nevada. He joined the staff of the Mining Engineering Department at The Ohio State University in 1925 as an Instructor and was successively Assistant Professor, Associate Professor, Professor and Chairman of the Department of Petroleum and Mining Engineering. In the fall of 1956, he became a Professor in the Department of Chemical Engineering when the Department of Petroleum and Mining Engineering was made a part of the Department of Chemical Engineering.

Professor O'Rourke was a member of the Ohio Oil and Gas Association, American Petroleum Institute and American Institute of Mining Engineers. He served as a national officer in these organizations and as a member of national committees.

Professor O'Rourke was an engineer first and a scientist second. He had little use for scientific data which had no practical economic value. Professor O'Rourke enjoyed a close personal relationship with his students both during their college days and later during their professional lives. His close friendships extend from corporation presidents to field engineers and virtually circle the globe in geographical extent. His most outstanding contribution to his students was instilling in them the economic significance of all of their engineering activities. His course work invariably included the economic impact of the engineering methods taught. Although he stressed economics, his technical knowledge of the industry was broad. His publications, numbering over 50, cover practically all phases of the petroleum-producing industry including drilling, well completion methods, production methods, geology and secondary recovery.

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.

December 8, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. George B. Crane

The Board of Trustees expresses its sorrow at the death on November 20, 1966, of George B. Crane, Assistant Director Emeritus in the Cooperative Extension Service.

Professor Crane was born in Columbus, Ohio, in September 4, 1891. From 1909 to 1913, he attended The Ohio State University from which he was graduated with the Bachelor of Science in Agriculture degree. He did graduate work at the University of Southern California and The Ohio State University where he earned the Master of Science degree in 1931.

Professor Crane joined the staff of The Ohio State University in 1913 as an Extension Editor and was appointed to the position of Secretary and Assistant Director of the Ohio Agricultural Extension Service in 1920. He served in this capacity until his retirement on September 30, 1957.

During his career, Professor Crane received many citations for superior service. In 1949, he was awarded the Epsilon Sigma Phi Certificate of Recognition. The U. S. D. A. Distinguished Service Award was presented to him in 1957, and The Ohio State University honored him with the Distinguished Service Award at the June, 1958 Convocation. He was a member of Gamma Sigma Delta which is the National Honor Society of Agriculture. He served as its president in 1942-43.

Mr. Crane was held in high regard by Extension staff members, leading citizens and legislators for his demonstrated ability in financing, accounting, office management and counseling. His contribution to the people of Ohio in helping to guide and administer an effective Extension educational program for nearly forty years will be remembered for many years to come.

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.

C. John Edwin Brown

The Board of Trustees expresses its sorrow at the death on November 2, 1966, of John Edwin Brown, Professor Emeritus in the Department of Otolaryngology.

Dr. John Edwin Brown was born May 30, 1864, in Malta, Ohio. Dr. Brown's life, spanning more than a century, was extremely busy and rich. At the age of 15, he was entered as a student at the Ohio Wesleyan University and was graduated with the degree of Bachelor of Science in 1884. Subsequently he studied medicine at the University of Michigan and at the Medical College of Ohio in Cincinnati where he received his M. D. degree in 1887. He then pursued special studies at the New York Postgraduate Medical School and at the University of Vienna where he had postgraduate training in otolaryngology.

December 8, 1966 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. John Edwin Brown (continued)

In 1892, he became a professor at the Ohio Medical University in Columbus and served as dean of the faculty in 1894-1895. He remained on the faculty until 1906.

From 1907 to 1914, Dr. Brown taught at Starling Ohio Medical College; and when this school was absorbed by the new College of Medicine of The Ohio State University, he was appointed as chairman of the department of otolaryngology and held that position until 1923. He continued on the staff as professor until 1941, at which time he became an emeritus member of the faculty.

During Dr. Brown's long professional career of 56 years, many honors and responsibilities fell to him. He served as president of the American Academy of Ophthalmology and Otolaryngology (1915-1916) and was the fifth president of the Columbus Academy of Medicine. His many academic and civic contributions were recognized in 1964 at the commencement exercises of the Ohio Wesleyan University when he was designated as the "alumnus of the century," and in 1965 by the Centurion Club of the Deafness Research Foundation when he was made an honorary member of that organization.

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. 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 30, 1966, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1966, 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 Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

XI. REPORTS (continued)

B. Report on Highlights of Campus Activities (continued)

1. During this 1966-67 academic year, The Ohio State University has been allocated over \$2,500,000.00 in Federal funds for Student Financial Aids. Of this amount, over \$544,000.00 will be received in Educational Opportunity Grants and Health Profession Scholarships, over \$458,000.00 for the Work-Study Program and more than \$1,300,000.00 in National Defense Loans, Health Profession Loans and Nursing Loans. For the 1966-67 academic year the University has requested Federal allocations of approximately \$3,000,000.00 for Student Financial Aids. Just five years ago, Federal funds allocated to The Ohio State University for the support of able and needy students totaled only \$250,000.00 or less than one-tenth of the amount allocated for the current academic year. Whereas, only 407 students received financial aid from Federal sources in the 1961-1962 academic year, there will be 3,837 students assisted by Federal financial funds for the 1966-67 academic year.
2. Dr. Alfred B. Garrett, Vice President for Research, will serve as general chairman for the University's centennial observance. Plans are under way for an observance of the 100th anniversary of Ohio State's establishment as the "Ohio Agricultural and Mechanical College" by act of the Ohio General Assembly in 1870.
3. University residence hall housing will be available to students from Columbus and Franklin County for the first time next Autumn Quarter. This has not been possible in the past because the University has not had adequate residence hall space.
4. The University has moved into the nation's top 15 universities in size of Slavic book collections as a result of acquisitions last summer in Yugoslavia and Poland. Dr. Twarog, Professor and Chairman of the Department of Slavic Languages and Literatures, said the new position results from collecting efforts which have expanded the University's holdings from 3,000 volumes five years ago to more than 60,000 today.
5. The Center for Textual Studies, which pioneered production of definitive editions of major American authors, has received its first Federal grant. The National Endowment for the Humanities, through the Modern Language Association's Center for Editions of American Authors, awarded \$25,000.00 to Ohio State's center for its publication of Nathaniel Hawthorne's works.
6. A dashboard-mounted control stick replaces the conventional steering wheel, accelerator and brake pedal in an automobile developed by Ohio State electrical engineers for use in on-the-road studies of automatic vehicle control.
7. William N. Curry of Ohio State was the first American college journalism student to go to Antarctica on an assignment. He covered activities of Ohio State's Institute of Polar Studies for the Lantern, student daily, and for the Cleveland Plain Dealer, cosponsor with the National Science Foundation of his trip.

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December 8, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, February 9, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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APPENDIX VI

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 20, 1966

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The Recipient of the Honorary Degree

WILLIAM L. EVERITT

DOCTOR OF SCIENCE

Educational statesman, creative engineer, honored citizen, motivator of men

Dr. William L. Everitt, Dean of the College of Engineering at the University of Illinois, is recognized as one of the world's outstanding educators and as a pioneer and leader of international repute in the fields of electronics and communications. He has also won acclaim as an inspiring teacher, research scholar, author, inventor, and administrative genius. His expert counsel has been valued by local, national, and international agencies. Noteworthy among his numerous publications is his textbook, *Communication Engineering*, which has become a classic in its field.

Dean Everitt holds three earned degrees—the E.E. from Cornell University in 1922, the M.S. from The University of Michigan in 1926, and the Ph.D. in Electrical Engineering from The Ohio State University in 1933. He also holds honorary doctorates from Bradley University, Monmouth College, Tri-State College, and the University of the Andes.

In 1926, after several years in industry and teaching, Dr. Everitt joined Ohio State's Department of Electrical Engineering and in the years that followed advanced to the rank of Professor. In 1944, he was named Chairman of the Electrical Engineering Department at the University of Illinois, and in 1949 he became Dean and has since led the College of Engineering to its present position of eminence.

Dean Everitt has held nearly every high office available to engineers and educators in his field, including the presidency of the Institute of Electrical and Electronics Engineers, American Society for Engineering Education, and Engineers Council for Professional Development. Among the honors which have come to him for his distinguished service to government, industry, and education are the War Department's Exceptionally Meritorious Civilian Award, the Medal of Honor of the Institute of Radio Engineers, the Lamme Medal of the American Society for Engineering Education, and the Mervin J. Kelly Telecommunications Medal of the Institute of Electrical and Electronics Engineers.

Basic to his record of unusual achievements is Dr. Everitt's high artistry as a stimulating teacher and motivator of men. The grand measure of this outstanding professional leader and the scope of his many contributions is summed up in the words of a colleague who observed, "It is perhaps not too much to say that he has done more for engineering education than any other single man in the past two decades."

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Ruth Austad Altschuld.....Cleveland
B.S. (Ohio University); M.Sc.
Dissertation: The Effects of Free Fatty Acids and Phenformin on
Hepatic Glucose Synthesis and Release
Field of Specialization: Physiological Chemistry
- Roy Anders Anderson.....Chicago, Ill.
B.A. (Northern Illinois University); M.A.
Dissertation: Behavioral Measures Following Lesions of the Septal
Area and Amygdaloid Complex in Rats
Field of Specialization: Psychology
- Narsingh Dass Arora.....Hissar, Punjab, India
B.Sc.Ag., M.Sc.Ag. (University of the Punjab); M.S. (University of
Illinois)
Dissertation: Performance of Soybean Strains Modified by Backcross-
ing for Some Simply Inherited Characteristics
Field of Specialization: Agronomy
- Audrey Marie Aubele.....Columbus
B.A. (College of Saint Mary of the Springs)
Dissertation: A Comparison by Means of X-irradiation in Air and in
Oxygen of the Suppressor-erupt Systems in Several Strains of *Drosophila melanogaster*
Field of Specialization: Zoology and Entomology
- Russell LaVerne Berry.....Brookings, S. Dak.
B.S. (University of Illinois); M.S. (Michigan State University)
Dissertation: The Scully Estate and Its Cash-leasing System in the
Midwest
Field of Specialization: Agricultural Economics and Rural Sociology
- Lewis Andrew Bettinger, Jr.....Canton
B.Sc., M.A.
Dissertation: Effects of Stimulus-Reward Sequences on Discrimination
Learning of Frontal Monkeys
Field of Specialization: Psychology
- Marlene Bergman Bireley.....Montpelier
B.S. in Edu. (Bowling Green State University); M.A.
Dissertation: A Comparison of the Responses of Neurologically Impaired,
Psychogenic Emotionally Disturbed, and Normal, Well-adjusted
Children to the Goldstein-Scheerer Tests
Field of Specialization: Psychology
- Lyle Marvin Blackwell.....Gauley Bridge, W. Va.
B.S.E.E. (West Virginia University)
Dissertation: A Study of the Adaptability of the Automobile to Auto-
matic Control
Field of Specialization: Electrical Engineering

- Howard Walter Boyd.....Berlin Heights
 B.A. (College of Wooster); M.Sc.
Dissertation: Storage and Germination of Cuttings and Soil Micro-organisms as They Relate to the Pineapple Disease of Sugar Cane
Field of Specialization: Botany and Plant Pathology
- David Ross Brackenridge.....Buffalo, N. Y.
 B.S. (Canisius College); M.Sc.
Dissertation: The Schmidt Reaction of Aryl-Pyridyl, Alkyl-Pyridyl, Diaryl, and Alkyl-Aryl Ketones
Field of Specialization: Chemistry
- Frederick Carl Brechler.....Cleveland
 B.A. (Lawrence College); M.A.
Dissertation: Patterns of School District Interrelationships: A Study of the Kansas City Metropolitan Area
Field of Specialization: Education
- Gretchen Terhune Brooks.....East Cleveland
 A.B. (Western Reserve University); M.Sc.
Dissertation: Effects of X-rays, Tryptophan Metabolites, and Eye Color Mutants on the Tumor-Suppressor System in *Drosophila melanogaster*
Field of Specialization: Zoology and Entomology
- Harold David Brown.....Columbus
 M.S. (University of Notre Dame)
Dissertation: Near Algebras
Field of Specialization: Mathematics
- Ivan Brychta.....Columbus
 J.U.D.R. (Masaryk University, Czechoslovakia); M.A. (Oberlin College)
Dissertation: Interpreting the Welfare Clause: Authenticity and Fiction
Field of Specialization: Political Science
- Richard Mason Campbell.....Lancaster
 B.E.E., M.Sc.
Dissertation: Low-Noise Electron Guns for Television Pickup Tubes
Field of Specialization: Electrical Engineering
- Quentin Chavous.....Columbus
 B.A., M.A.
Dissertation: The Existential Rhetoric of Juan de Mairena
Field of Specialization: Romance Languages (Spanish)
- James Francis Cooney.....Columbus
 A.B. (College of Saint Charles Borromeo); M.A.
Dissertation: *De Ratione Dicendi:* A Treatise on Rhetoric by Juan Luis Vives
Field of Specialization: English

- Charles Edward Crittendon.....Wilmington, Del.
 B.S. in Agr. (University of Delaware); M.Sc.
*Dissertation: Effects of B-Nine and Cycocel on Some Anatomical, Chemical, and Physical Factors Influencing Leaf Color and Stem Strength of *Chrysanthemum morifolium* L. cv. Criterion and *Euphorbia pulcherrima* Willd. cv. Elisabeth Ecke*
Field of Specialization: Horticulture and Forestry
- Ralph Sanford Cunningham.....Birmingham, Ala.
 B.S. in Chem.Engr. (Alabama Polytechnic Institute); M.Sc.
Dissertation: Knudsen and Transition Diffusion of Gases in Porous Solids Over a Thousandfold Pressure Range
Field of Specialization: Chemical Engineering
- Donald Bruce Dahm.....Brookings, S. Dak.
 B.S. (North Dakota State College of Agriculture and Applied Science); M.S. (South Dakota State College)
Dissertation: An Investigation of the Gas-Phase Reaction of n-Pentane with Oxygen in the Low-Temperature Region Using a Chemical Shock Tube
Field of Specialization: Chemistry
- Surjit Singh Dhillon.....GriGanganagar, Rajasthan, India
 B.V.Sc., M.V.Sc. (Punjab University)
Dissertation: Studies on Titration of Fowl Poxvirus and Some Aspects of Pathogenesis of Fowlpox
Field of Specialization: Microbiology
- Don Tucker Dix.....Hazard, Ky.
 B.S. (Eastern Kentucky State College); M.Sc.
Dissertation: Studies of the Kinetic and Thermodynamic Dependence of Inversion in Organomagnesium and Lithium Reagents Utilizing the Methods of Nuclear Magnetic Resonance Spectroscopy
Field of Specialization: Chemistry
- Otto Dornberg.....Columbus
 B.A., M.A.
Dissertation: Grillparzer's Historical Plays: Facts—Sources—Treatment
Field of Specialization: German
- John Frederick Dreher.....New Carlisle
 B.S.E. (University of Connecticut); M.S. (University of Illinois)
Dissertation: Axisymmetric Vibration of Thin Conical Shells
Field of Specialization: Engineering Mechanics
- Rollin Gene Eakins.....Springfield
 A.B., B.S. in Ed. (Wittenberg University); M.Ed. (Kent State University)
Dissertation: A Comparative Study of the Effectiveness of Teaching the Service Course in Speech as a Content and as a Performance Course
Field of Specialization: Speech
- Ahmed Emad El-Din El-Ashmawy.....Cairo, Egypt
 B.Sc., M.Sc. (University of Cairo)
Dissertation: Studies on Synthesis and Ring Closure of 4-Acetamido-4-Deoxy Sugars
Field of Specialization: Chemistry

- Louis Otto Erdmann.....Kent
 B.A. (North Central College, Illinois); M.A. (Kent State University)
Dissertation: The Printed Festival Book: A Study of Northern Continental Festivals in the Late Sixteenth Century
Field of Specialization: Speech
- Bernard Lawrence Fox.....Canton
 B.S. (John Carroll University)
Dissertation: Studies in the Azabicyclooctanes
Field of Specialization: Chemistry
- William Nelson Griggs.....Arlington, Va.
 B.S., M.S. (Oklahoma State University)
Dissertation: An Examination of Monetary Policy, 1960-61
Field of Specialization: Economics
- Brenton Robert Groves.....Akron
 S.B. in E.E. (Massachusetts Institute of Technology); M.S. in Engr. (University of Akron)
Dissertation: The Use of Computer-generated Motion Pictures in the Analysis of Electrical Engineering Phenomena
Field of Specialization: Electrical Engineering
- Ramsey Myers Groves.....Anthony, N. Mex.
 B.S. in Agr. (Texas Technological College); M.A. (New Mexico State University)
Dissertation: Vocational Education Programs for Students with Special Needs
Field of Specialization: Agricultural Education
- Junius N. Hamblin.....Logan, Utah
 B.S. (Utah State Agricultural College); M.S. (Brigham Young University)
Dissertation: The Artistic Approach of the Grieve Family to Selected Problems of Nineteenth Century Scene Painting
Field of Specialization: Speech
- Warren Gamaliel Harding II.....Worthington
 B.A.; A.M. in Ed. (University of Southern California); M.D. (Loma Linda University)
Dissertation: The Internship: A Vital Year in Medical Education
Field of Specialization: Education
- Frederick Anthony Hartman.....Cincinnati
 B.S. (University of Cincinnati)
Dissertation: Preparation and Study of Some Manganese (I) Carbonyl Complexes
Field of Specialization: Chemistry
- Albert Dean Hauenstein.....Lima
 B.S. in Ed., M.Ed. (Miami University)
Dissertation: A Taxonomy and Syllabus of Production Practices with Implications for Industrial Arts
Field of Specialization: Education

- William Henry Herrnstein III.....Newport News, Va.
 B.S. (Met.E.) (University of Michigan); M.S. (Virginia Polytechnic
 Institute)
Dissertation: Solubility, Segregation, and Diffusion of Sulfur in α -Iron
Field of Specialization: Metallurgical Engineering
- Walter Fredric Hink, Jr.....Mansfield
 B.S. in Edu. (Ashland College); M.Sc.
Dissertation: On the Source and Nature of Bactericidal Factors in the
 Hemolymph of Normal and Immune Wax Moth Larvae, *Galleria mel-*
lonella (L.)
Field of Specialization: Zoology and Entomology
- Howard Everett Hopf.....San Diego, Calif.
 A.B. (San Diego State College); M.S. (Syracuse University)
Dissertation: Factors Affecting Variations of Local Ratings of Evening
 Network Television Programs in Markets with Three Local VHF Tele-
 vision Stations
Field of Specialization: Speech
- Donald LeRoy Husa.....North Little Rock, Ark.
 B.S. (University of South Carolina)
Dissertation: Magnetic Properties of Dilute Liquid He³-He⁴ Solutions
Field of Specialization: Physics
- Donald Wilbur Imhoff.....Wooster
 B.S. (Manchester College, Indiana); M.Sc.
Dissertation: Differential Capacitance and Polarographic Studies of
 Vitamin B₁₂ and Related Cobalamins
Field of Specialization: Chemistry
- Frederick Frank Jackisch.....Springfield
 B.S. in Ed. (Concordia Teachers College, Illinois); M.Mus. (North-
 western University)
Dissertation: Organ Building in Germany During the Baroque Era
 According to the Treatises Dating from Praetorius' *Syntagma Musicum*
 (1619) to Adlung's *Musica Mechanica Organoedi* (1768)
Field of Specialization: Music
- Curtis Maitland Jackson.....Columbus
 B.Met.E. (New York University); M.Sc.
Dissertation: Heterogeneous Nucleation in Vapor-Solid Transforma-
 tions
Field of Specialization: Metallurgical Engineering
- Albert Hugh Jones.....Fort Jennings
 B.Sc. in Edu., M.A.
Dissertation: The Relation of Historical Thought to Educational
 Thought as Illustrated by the Works of Ellwood P. Cubberley
Field of Specialization: Education
- Hilde Heubner Junkermann.....Cleveland
 B.Mus., M.A.
Dissertation: The Magnificats of Johann Stadlmayr
Field of Specialization: Music

- Jack Lee Karn.....Greenville
Ch.E. (University of Cincinnati)
Dissertation: Spectral and Magnetic Properties of Some Tetragonal Macrocyclic Complexes of Nickel (II)
Field of Specialization: Chemistry
- Abdellatif Khemakhem.....Sfax, Tunisia
B.S.B.A., M.B.A. (Washington University)
Dissertation: A Simulation of Management-Decision Behavior: "Funds" and Income
Field of Specialization: Accounting
- Stanley Bernard King.....Goshen, Ind.
B.A. (Goshen College); M.Sc.
Dissertation: Studies on Hyphal Morphogenesis, Pathogenicity, and Toxin Production of Alternaria solani
Field of Specialization: Botany and Plant Pathology
- Herman Louis Koby.....Tiffin
B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: A Study of Student Personnel Administration and Organization in Selected Universities in Ohio
Field of Specialization: Education
- Kanwal Kumar.....Hissar, Punjab, India
B.A. (Punjab University); M.A.
Dissertation: Inflows of Foreign Capital and Economic Growth of Developing Countries: The Case of India
Field of Specialization: Economics
- Raymond Joseph Lange.....Buffalo, N. Y.
B.S. (Canisius College)
Dissertation: An Approach to a Stable Carbene: Chemistry of the 14H-Dibenzo [a, j] xanthyl System
Field of Specialization: Chemistry
- James Edward Larkins.....Fairborn
A.B. (Miami University); M.A.
Dissertation: Pessimism in the Novels of Juan Goytisolo
Field of Specialization: Romance Languages (Spanish)
- Harold A. Leonard.....Smithtown, N. Y.
B.S. (City College, New York); M.A. (New York University)
Dissertation: Difficulties Encountered by Elementary Algebra Students in Solving Equations in One Unknown—A Diagnosis of Errors and a Comparison After Forty Years
Field of Specialization: Education
- Donald Wayne Lewis.....Perrysburg
B.S. (Bowling Green State University); M.A.
Dissertation: The Decline of the Lake Erie Commercial Fishing Industry in Ohio
Field of Specialization: Geography
- Michaela Narevsky Lifshitz.....Haifa, Israel
B.A. (University of Pennsylvania); M.A. (Bar-Ilan University)
Dissertation: Internal-External Locus of Control and Negotiation Behavior
Field of Specialization: Psychology

- Phillip Allen Linerode**.....Worthington
 B.Sc. in Agr., D.V.M.; M.S. (University of Minnesota)
Dissertation: Studies on the Synthesis and Absorption of B-Complex Vitamin in the Equine
Field of Specialization: Veterinary Preventive Medicine
- Sister Mary Julia MacDougall**.....Clarksville, Ind.
 B.S. in Edu. (Nazareth College, Kentucky); M.A.
Dissertation: Relationship of Critical Reading and Creative Thinking Abilities in Children
Field of Specialization: Education
- Larry Cooper Mackey**.....Pittsburgh, Pa.
 B.S. in E.E. (Ohio Northern University); M.Sc.
Dissertation: Prediction of Bandlimited Signals
Field of Specialization: Electrical Engineering
- Harry Lee Mathews**.....Lima
 B.S. (University of Illinois); M.B.A.
Dissertation: Causes of Personal Bankruptcies in Ohio
Field of Specialization: Business Organization
- Roger Jeffrey McNichols**.....Columbus
 B.I.E., M.Sc.
Dissertation: Sampling and Cost Considerations in the Optimization of a Proportional Control System Subjected to Random Measuring Errors
Field of Specialization: Industrial Engineering
- Wayne Donald Milestone**.....Huntsville
 B.M.E., M.Sc.
Dissertation: An Investigation of the Basic Mechanisms of Mechanical Fretting and Fretting-Fatigue at Metal-to-Metal Joints, with Emphasis on the Effects of Friction and Friction-induced Stresses
Field of Specialization: Mechanical Engineering
- Harriet Lillian Miller**.....Dayton
 B.A. (North Central College); M.A. (University of Minnesota)
Dissertation: The Preparation for Teaching Religion in the Public Schools
Field of Specialization: Education
- Reuben George Miller**.....Boston, Mass.
 B.A. (LaSalle College, Pennsylvania); M.A. (Montana State University)
Dissertation: Swedish Monetary Policy in the Post-War Period, 1945-1961
Field of Specialization: Economics
- Kenneth Frank Mucker**.....Detroit, Mich.
 B.Sc.
Dissertation: The Structures of Solid Deuterium Above and Below the λ -Transition as Determined by Neutron Diffraction
Field of Specialization: Chemistry
- Philip Edward Nicpon**.....Chicago, Ill.
 B.S. (University of Illinois)
Dissertation: The Donor Ability of Tertiary Phosphine and Arsine Chalcogenides
Field of Specialization: Chemistry

- Paul John Nikolai.....Dayton
 B.A. (College of Saint Thomas, Minnesota); M.Sc.
Dissertation: Mean Value Properties of Generalized Matrix Functions
Field of Specialization: Mathematics
- Thomas Ovid Oesterling.....Butler, Pa.
 B.Sc. in Phar., M.Sc.
Dissertation: Hydrodynamic and Quiet Solution Voltammetry at Tubular Mercury-Film Electrodes
Field of Specialization: Pharmacy
- Siddharth Manilal Patel.....Bombay, India
 B.Sc., M.Sc. (University of Bombay)
Dissertation: Determination of Platinum with 2, 6-Diacetylpyridine
Field of Specialization: Chemistry
- John William Patterson.....Lorain
 B.E.M., M.Sc.
Dissertation: Electronic Conduction in Two Solid Oxide Mixed Conductors
Field of Specialization: Metallurgical Engineering
- Robert Francis Pethia.....Austin, Tex.
 B.Sc. in Bus. Adm.
Dissertation: Value Orientations in Normative Administrative Theory: A Quantitative Content Analysis
Field of Specialization: Business Organization
- Lawrence Christman Phillips.....Cleveland
 B.B.A., M.B.A. (Western Reserve University)
Dissertation: Information Requirements for the Management of Research and Development
Field of Specialization: Accounting
- Cyril Marvin Pierce.....Dayton
 S.B., M.S. (Massachusetts Institute of Technology)
Dissertation: Forces Involved in the Axisymmetric Extrusion of Metals Through Conical Dies
Field of Specialization: Metallurgical Engineering
- Gilbert Ellis Raines.....Columbus
 B.Ch.E., M.Sc.
Dissertation: Some Interactions of Chemical Kinetics and Axial Dispersion in Transient Systems
Field of Specialization: Chemical Engineering
- Donald Henry Reichert.....Coldwater
 B.S. in Ed. (University of Dayton); M.A.
Dissertation: The Philosophy of Freedom and Education in the Thought of Jacques Maritain
Field of Specialization: Education
- Jerry Dee Reynolds.....Wortham, Tex.
 B.A. (Hardin Simmons University); M.A. (Baylor University)
Dissertation: Attitude Change by the Stimulus of the Oral Interpretation of Poetic Literature
Field of Specialization: Speech

- Dick Conrad Rice**.....Centerburg
 B.Sc. in Agr., M.Sc.
Dissertation: Role Perception in the Supervision of State Vocational Education in Ohio in Relation to Change
Field of Specialization: Education
- Gildas Owen Roberts**.....St. John's, Newfoundland, Canada
 B.A., M.A., B.Ed. (University of Cape Town, Africa)
Dissertation: Joseph of Exeter: The Iliad of Dares Phrygius Translated with Introduction and Notes
Field of Specialization: English
- Arthur George Robson**.....Elyria
 A.B. (John Carroll University); M.A.
Dissertation: Aspects of the Herodotean Context
Field of Specialization: Classical Languages (Latin)
- John August Rolloff**.....Lake City, Minn.
 B.S., M.A. (University of Minnesota)
Dissertation: The Development of a Model Design to Assess Instruction in Farm Management in Terms of Economic Returns and the Understanding of Economic Principles
Field of Specialization: Agricultural Education
- Steven James Ruma**.....Stoneham, Mass.
 B.S. (Columbia University); M.A. (Boston University)
Dissertation: A Multi-Method Study of Developmental Differences in Adolescents with Functional and Organic Complaints
Field of Specialization: Psychology
- Henry Orion St. Onge**.....Potsdam, N. Y.
 A.B. (Brown University); M.A.
Dissertation: Thomas Churchyard: A Study of His Prose and Poetry
Field of Specialization: English
- Donald Jordan Scheer**.....Louisville, Ky.
 B.E.E., M.E.E. (University of Louisville)
Dissertation: A High Sensitivity Study of the Galactic North Polar Region at 1415 MHz
Field of Specialization: Electrical Engineering
- Dan Sharni**.....Haifa, Israel
 B.S., M.S. (Israel Institute of Technology)
Dissertation: Earth Gravity Models Based on Distinct 5° by 5° Values of Topography and Moho
Field of Specialization: Geodetic Science
- Matthew Michael Skertic**.....Masury
 B.S. (Youngstown University); M.Sc.
Dissertation: The Specific Heat and Phase Separation Curve of Dilute Solutions of Liquid He³ in He⁴
Field of Specialization: Physics
- Ronald Eugene Smith**.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Guidance in Soviet Schools
Field of Specialization: Education

- Peggy Ann Steig**..... Ypsilanti, Mich.
 B.S. in Ed. (Miami University); M.A.
Dissertation: A Study to Determine the Use of Developmental Tasks as a Source for the Identification of the Health Interests of Adolescents in Grades Ten Through Twelve
Field of Specialization: Physical Education (Health Education)
- Robert Elliott Stout**.....Granville
 B.A., M.A.
Dissertation: The Sûr-i-Hümâyun of Murad III: A Study of Ottoman Pageantry and Entertainment
Field of Specialization: Speech
- Richard Allen Struble**.....Columbus
 B.Sc., M.Sc.
Dissertation: Soil Mapping and Subsurface Profiling for Highway Design Utilizing Geological, Geophysical, Airphoto, and Direct Subsurface Exploration Techniques
Field of Specialization: Geology
- Yukio Takefuta**.....Katori-Gun, Chiba-Ken, Japan
 B.A. in Ed. (Chiba University); M.A.
Dissertation: A Study of Relative Efficiency of Acoustic Parameters in the Intonational Signal of American English
Field of Specialization: Speech
- Ruth Elizabeth Tandy**.....Carrollton, Ky.
 A.B. in Edu. (University of Kentucky); M.S. in P.Ed. (Indiana University)
Dissertation: Effects of Programed Instruction on the Attitudes, Behavior, and Knowledge Regarding Smoking Among Selected Seventh-Grade Students
Field of Specialization: Physical Education
- Ram Pratap Tewari**.....Faizabad, India
 B.Sc. (University of Lucknow); B.V.Sc. and A.H., M.V.S. (Agra University); M.S. (Hygiene) (Harvard University)
Dissertation: Comparative Studies of *Histoplasma Capsulatum* and a *Trichosporon*-like Organism: Morphology, Pathogenicity, Immunology, and Cross-Protection
Field of Specialization: Microbiology
- Betty Cheney Thalmann**.....Worthington
 B.A. (DePauw University); M.A.
Dissertation: El Libro de Alexandre: A Stylistic Approach
Field of Specialization: Romance Languages (Spanish)
- Carl Joe Tschappat**.....Utica
 B.Sc. in Bus.Adm., M.B.A.
Dissertation: An Analysis of Urban Renewal Planning in Selected Midwestern Cities During the Mid-1960's
Field of Specialization: Business Organization
- Yerriah Pantulu Vaddiparty**.....Vizagapatam, India
 B.Sc. (Hons.), M.Sc. (Andhra University)
Dissertation: Limiting Factors in Junction Circulator Design
Field of Specialization: Electrical Engineering

- Cornelis Visser.....Columbus
 M.Sc.
Dissertation: The Approximate Analysis of Thin Shells by the Finite Element Method
Field of Specialization: Engineering Mechanics
- Charles William Warren.....Colorado Springs, Colo.
 B.A. (State University of Iowa); M.A.
Dissertation: The Music of Derick Gerarde
Field of Specialization: Music
- Richard Jonathan Warye.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: A Descriptive Study of Community Theatres in the Metropolitan Areas of the United States
Field of Specialization: Speech
- Luke Stephens Watson, Jr.....Athens, Ga.
 B.S. (University of Georgia); M.A.
Dissertation: The Relationship Between Discrimination and Stimulus Generalization in Severely Retarded Children
Field of Specialization: Psychology
- John Fiske Wing.....Yellow Springs
 A.B., M.A. (Antioch College)
Dissertation: A Stimulus-Trace Model of Serial Acquisition and Retention
Field of Specialization: Psychology
 (Ninety-eight candidates)

Master of Accounting

- Myron Earl Kirkpatrick.....Prairie Home, Mo.
 B.S. in Bus. Adm. (University of Missouri)
Field of Specialization: Accounting
 (One candidate)

Master of Arts

- Richard Wayne Alleshouse.....Norwalk
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Music
- Isaac Angos.....Addis Ababa, Ethiopia
 B.A. (Haile Sellassie I University)
Field of Specialization: Education
- Geraldine Kettell Antoine.....Gahanna
 B.S. in Health Edu. (East Stroudsburg State College, Pennsylvania)
Field of Specialization: Education
- Glenn Ray Apple.....Berea
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education

- Ruth Helfrich Ball**..... Worthington
 B.Sc. in Edu.
Field of Specialization: Education
- Howard Blaine Beekman**..... Piketon
 B.Sc. in Edu.
Field of Specialization: Political Science
- John Russell Boger**..... Caledonia
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education
- Glennia Weese Boyer**..... Mansfield
 B.S. (Ashland College)
Field of Specialization: Education
- Daniel John Brown**..... Stryker
 B.A.
Field of Specialization: Economics
- Fredric Michael Brown**..... Columbus
 B.Sc. in Edu.
Field of Specialization: History
- Theodore Grant Brown**..... Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Education
- Jean Lawrence Bryant**..... Columbus
 B.A. (College of Wooster)
Field of Specialization: Romance Languages (French)
- Vernon Dale Burk**..... Kettering
 B.A.
Field of Specialization: History
- James Fredrick Burson**..... Worthington
 B.A. (Muskingum College)
Field of Specialization: Physical Education
- David Medford Butler**..... Trotwood
 B.Sc. in Edu.
Field of Specialization: Music
- James Clinton Carpenter**..... Sausalito, Calif.
 A.B. (Duke University)
Field of Specialization: Psychology
- William Lance Cathcart**..... Rochester, N. Y.
 A.B. (Hope College)
Field of Specialization: Speech
- Lee Chadeayne**..... Ossining, N. Y.
 B.S., M.A. (Columbia University)
Field of Specialization: German

- Shirley A. Christian..... Mission, Kans.
 B.A. (Kansas State College of Pittsburg)
Field of Specialization: Journalism
- Richard Damon Cobb..... Worcester, Mass.
 B.A. (Bowdoin College, Maine)
Field of Specialization: Classical Languages (Latin)
- Cary Corwin Conn..... Dunkirk
 A.B. (Ohio Northern University)
Field of Specialization: History
- James Henry Conrad..... East Liverpool
 A.B. (Wittenberg University)
Field of Specialization: History
- Alice Kaaren Courtney..... Joliet, Ill.
 B.S. in Edu. (Kansas State Teachers College of Emporia)
Field of Specialization: Romance Languages (French)
- Doris Rhea Coy..... Reynoldsburg
 B.S. (Rio Grande College)
Field of Specialization: Education
- Paul Anders Dahlquist..... Bethlehem, Conn.
 B.A. (Yale University)
Field of Specialization: Sociology (Anthropology)
- Dennis John DeBlaay..... Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- William Leonard Deegan..... Buffalo, N. Y.
 B.S. in Bus.Ad. (University of Buffalo)
Field of Specialization: Education
- Howard Lawrence Distelzweig..... Columbus
 B.A.
Field of Specialization: English
- Faris Richard Everman..... Mt. Sterling
 B.S. in Edu. (Wilmington College)
Field of Specialization: Education
- Marcia Jones Feeney..... Mt. Vernon
 B.A. (Emerson College)
Field of Specialization: Speech
- Ardith Jeanne Felts..... Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: English
- Mildred Roberts Froelich..... Columbus
 A.B. (Western Reserve University); M.A. (University of Rochester)
Field of Specialization: Education

- Ligia Garay-Yepes.....Bogota, Colombia
 B.A.
Field of Specialization: Journalism
- Mary Susan Garlinger.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Speech
- Susan Dose Gillam.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Mary Merullo Gnezda.....Worthington
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Conrad Charles Gonzales.....Columbus
 A.B. (University of Detroit)
Field of Specialization: Business Organization
- George Pershing Gorby.....Columbus
 B.S. (Bus.Ad.) (West Virginia University)
Field of Specialization: Education
- Edwin Marl Greenberg.....Brooklyn, N. Y.
 B.S. (Brooklyn College)
Field of Specialization: Psychology
- Marilyn Lois Grumet.....Columbus
 B.S. Sec.Ed. (West Virginia University)
Field of Specialization: English
- David Paul Hardcastle.....Little Rock, Ark.
 B.A. (Texas Christian University); B.D. (Vanderbilt University)
Field of Specialization: History
- Margery Jeanne Hess.....Akron
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Richard Craig Hohn.....Dayton
 B.A. (Otterbein College)
Field of Specialization: Physical Education
- Shuan-Fan Huang.....Tainan, Taiwan, China
 B.A. (National Taiwan University)
Field of Specialization: Linguistics
- Samuel Budd Huff.....Dover
 B.A.
Field of Specialization: Journalism
- Mary Ann Beckman Jeram.....Ashtabula
 B.Sc. in Edu.
Field of Specialization: Education

- Jerome Lawrence Kalamen**.....New Berlin, Wis.
 B.S. (Wisconsin State College, LaCrosse)
Field of Specialization: Physical Education
- Jack Eldon Kilgore**.....Columbus
 B. S. in Indus. Mgt. (University of Akron)
Field of Specialization: Business Organization
- Linda Amy Kimball**.....Dayton
 B.Sc. in Edu.
Field of Specialization: Sociology and Anthropology
- Robert Charles Koettel**.....Westerville
 B.A. (Otterbein College)
Field of Specialization: Psychology
- Stanley Michael Kravitz**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Psychology
- Frederick James Ladd**.....Bristol, England
Field of Specialization: Art
- John Jay Lampus**.....Rocky River
 B.Sc. in Bus. Adm.
Field of Specialization: Speech
- Charles Glaser Lenhard**.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: Classical Languages (Latin)
- Jack Franklin Leon**.....Hamilton, Ont., Canada
 B.A. (McMaster University)
Field of Specialization: Psychology
- George Wood Lilley, Jr.**.....Lima, Pa.
 B.S. (Ursinus College)
Field of Specialization: Education
- Robert Michael Longer**.....Cleveland
 B.A.
Field of Specialization: English
- Richard William Loveless**.....Hubbard
 B.A.
Field of Specialization: Sociology
- Nancy Eleanor Mahaffey**.....Columbus
 B.S. (Concord College, West Virginia)
Field of Specialization: Education
- David William Martin**.....Cincinnati
 B.A. (Hanover College)
Field of Specialization: Psychology
- Donna Chrysler Martin**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

- Robert Michael McDaniel**.....Newark
 A.B. (Denison University)
Field of Specialization: Speech
- Dennis Neil McFadden**.....Canton
 B.A.
Field of Specialization: Psychology
- Ray Bartoe Mitchell**.....Columbus
 B.S. in Edu. (West Virginia State College, Institute)
Field of Specialization: Education
- Patrick Thandika Mkandawire**.....Limbe, Malawi
 B.A.
Field of Specialization: Economics
- Leo Francis Morgan**.....Columbus
 B.S. in Edu. (Florida Agricultural and Mechanical University)
Field of Specialization: Education
- Edward Allen Nicholson, Jr.**.....Whitehall
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Richard Don Norling**.....Columbus
 B.Sc., B.A.
Field of Specialization: Political Science
- Gean Gilmore Norman**.....Columbus
 B.S. in Edu. (West Virginia State College, Institute)
Field of Specialization: Education
- Sharleen Selvage O'Bryan**.....Grove City
 A.B. in Edu. (University of Kentucky)
Field of Specialization: Education
- Constance Cummins Pence**.....Wooster
 B.Sc. in Edu.
Field of Specialization: Education
- Caroline Carpenter Pezzillo**.....Arlington, Va.
 A.B. (Duke University)
Field of Specialization: Classical Languages (Latin)
- Charlotte Marie Pierce**.....Washington, D. C.
 B.A. (English) (Howard University)
Field of Specialization: Speech
- Evelyn Ivora Pool**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Music
- Burton Eugene Quist**.....Grandville, Mich.
 B.S. (Moorhead State College, Minnesota)
Field of Specialization: Education
- Barbara Hall Ritz**.....Lockbourne
 B.S.Ed. (State University of New York, Brockport)
Field of Specialization: Education

- Richard Eugene Ruh.....Columbus
 B.S. in Ed. (Otterbein College)
Field of Specialization: Physical Education
- Edward Allen Schenck.....Massillon
 B.A. (College of Wooster)
Field of Specialization: Psychology
- Joan Thomas Sessions.....Elyria
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Robert Francis Sifferlin.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: History
- Walter Earl Skinner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Charles Thomas Smith, Jr.....Loma Linda, Calif.
 B.A. (La Sierra College)
Field of Specialization: Psychology
- Diane Rae Snell.....Anaheim, Calif.
 A.B. (San Diego State College)
Field of Specialization: Art
- Iqbal Alam Soomro.....Karachi, Pakistan
 B.A. (University of Karachi) ; M.A. (American University of Beirut) ;
 M.A. (University of Karachi)
Field of Specialization: Education
- Patricia Lutzy Sparks.....Columbus
 B.Sc. in Edu.
Field of Specialization: English
- Dorothy Stoeppelwerth Swartzbaugh.....Toledo
 B.A. (Valparaiso University, Indiana)
Field of Specialization: German
- Fumiko Takamiya.....Naha, Okinawa, Ryukyus Islands
 B.E. (University of the Ryukyus)
Field of Specialization: Sociology and Anthropology
- Theodore Wayne Thomas.....Buchtel
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- James Richard Trail.....Burlington, Ia.
 B.S. in Edu. (Western Illinois University)
Field of Specialization: Geography
- Paul Robert Treece.....Worthington
 B.Sc. in Edu.
Field of Specialization: Education

- Regina Carol Tuskan.....Adah, Pa.
 A.B. (University of Pittsburgh)
Field of Specialization: English
- Benjamin David Van Wye.....San Antonio, Tex.
 B.Mus. (University of Texas)
Field of Specialization: Music
- Saul Philip Wachs.....Columbus
 B.S. in Edu. (Temple University); B. Rel. Edu. (Jewish Theological
 Seminary of America)
Field of Specialization: Education
- Orville Charles Walker, Jr.....Seville
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Thomas Walker, Jr.....Burtonsville, Md.
 A.B. (Hiram College)
Field of Specialization: History
- Davida Hope Weinberg.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Vernon Ellsworth Winnett.....Columbus
 B.A. (Muskingum College)
Field of Specialization: Speech
- Susan Foglesong Young.....Bryan
 B.Sc. in Edu.
Field of Specialization: Journalism

(Ninety-eight candidates)

Master of Business Administration

- James Dolphus Bramlett, Jr.....Miami, Fla.
 A.B. (University of Miami)
Field of Specialization: Business Organization
- Rubyen Martin Chambless.....Sylvania, Ga.
 B.B.A. (University of Georgia)
Field of Specialization: Business Organization
- Albert Joseph DeSantis.....Amherst
 B.S. in Bus. (Miami University)
Field of Specialization: Business Organization
- Harry Melvin Edwards.....Pitcairn, Pa.
 B.B.A. (University of Pittsburgh)
Field of Specialization: Business Organization
- Jack Cress Faulkner.....Dayton
 B.S. in Bus. (Miami University)
Field of Specialization: Business Organization

- Charles Wilson Geer.....North Hollywood, Calif.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- John Martin Haemmerle.....Dayton
 B.S. in Bus.Adm. (University of Dayton)
Field of Specialization: Business Organization
- William Simpson Henderson, Jr.....Wauwatosa, Wis.
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- Bryce Allen Hogue.....Arcadia, Nebr.
 B.S. in Bus.Adm. (University of Nebraska)
Field of Specialization: Business Organization
- Arlen Dirk Jameson.....Chevy Chase, Md.
 B.A. in Bus.Adm. (College of Puget Sound)
Field of Specialization: Business Organization
- Carl Ralph Keller.....Maria Stein
 B.Sc. in Agr.
Field of Specialization: Business Organization
- John David Lee.....Upper Sandusky
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Michael Joseph Miller.....Columbus
 B.S.E. (Ind.E.) (University of Michigan)
Field of Specialization: Business Organization
- Rodger Kinnear Miller.....Lancaster
 B.S.E.E. (Ohio University)
Field of Specialization: Business Organization
- Fred Arthur Morley.....Forest Park, Ill.
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization
- Daniel Reilly Murphy, Jr.....Chicago, Ill.
 B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Michael Brook Phillips.....Akron
 B.S. (Bus.) (Indiana University)
Field of Specialization: Business Organization
- Anthony Paul Previty.....Buffalo, N. Y.
 B.S. (Canisius College)
Field of Specialization: Business Organization
- David James Raines.....Bay Village
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

George Frederick Schmitt, Jr.....Louisville, Ky.
B.Ch.E., M.Ch.E. (University of Louisville)
Field of Specialization: Business Organization

Richard Harold Slemmer.....Gahanna
B.A., LL.B.
Field of Specialization: Business Organization

Stephen Doyle Stevning.....Coshocton
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Robert Lewis Taylor.....Pittsburgh, Pa.
A.B. (Allegheny College)
Field of Specialization: Business Organization

Michael Shannon Vocke.....Akron
B.S. in B.Adm. (John Carroll University)
Field of Specialization: Business Organization

John Nevin Woods.....Dayton
B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization

(Twenty-five candidates)

Master of City Planning

Richard Freeman Sale.....Fremont
A.B. (Western Reserve University)
Field of Specialization: Architecture (City Planning)

(One candidate)

Master of Fine Arts

John Francis Torreano.....Southfield, Mich.
B.F.A. (Cranbrook Academy of Art)
Field of Specialization: Fine Arts (Painting)

(One candidate)

Master of Medical Science

Robert McDonald Hess.....Findlay
B.A. (Bowling Green State University); M.D.
Field of Specialization: Surgery

(One candidate)

Master of Music

Eva Toth Halas.....Columbus
Field of Specialization: Music

(One candidate)

Master of Science

- Doris Marilyn Albright.....Green Springs
B.Sc. in Edu.
Field of Specialization: Botany and Plant Pathology
- Elizabeth Ann Allen.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing
- *James Lee Altstaetter.....Columbus Grove
Field of Specialization: Aeronautical and Astronautical Engineering
- Richard Raymond Anderson.....Cincinnati
B.C.E.
Field of Specialization: Civil Engineering
- William Xavier Bajzer.....Midland, Mich.
B.S. (Case Institute of Technology)
Field of Specialization: Chemistry
- Edgar Barriga.....Lima, Peru
Bachiller (Universidad Nacional de Ingenieria)
Field of Specialization: Civil Engineering
- William Ernest Bateman.....Hartsville, Pa.
B.S. (Ursinus College, Pennsylvania)
Field of Specialization: Mathematics
- Joyce Joanne Bednar.....Parma
B.S. (Chem.) (Bowling Green State University)
Field of Specialization: Microbiology
- James Leslie Bishop.....Cuyahoga Falls
B.S.M.E. (Purdue University)
Field of Specialization: Mechanical Engineering
- Robert Charles Black.....Cleveland
B.C.E.
Field of Specialization: Civil Engineering
- Betty Lou Booth.....Poca, W. Va.
B.S. in Edu. (West Virginia State College)
Field of Specialization: Zoology
- Brenda Joyce Botts.....Mobile, Ala.
B.S. (Southern Missionary College)
Field of Specialization: Nursing
- Arden Chapline Bowers.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing
- Henry Heinz Brecher.....Poughkeepsie, N. Y.
B.M.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Geodetic Science

* Two degrees

- Glenn Lee Bredemeyer.....Cincinnati
 B.Sc.
Field of Specialization: Microbiology
- Joe Herbert Brown, Jr.....Columbus
 B.M.E. (University of Florida)
Field of Specialization: Engineering Mechanics
- Phillip James Brown.....Fairfield
 B. of C.E. (Georgia Institute of Technology)
Field of Specialization: Industrial Engineering
- Dorothy Ruby Burgess.....Columbus
 B.S. (Nurs.) (University of Wisconsin)
Field of Specialization: Nursing
- *Larry Raymond Burner.....Columbus
Field of Specialization: Industrial Engineering
- Suzanne Baber Burns.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Donald Francis Calbreath.....Temple, Tex.
 B.S. in Chem. (North Texas State University)
Field of Specialization: Physiological Chemistry
- Sister Mary Blanche Callahan.....Columbus
 B.S.N. (Catholic University of America)
Field of Specialization: Nursing
- Henry Carter Castilow.....New Martinsville, W. Va.
 B.Ch.E.
Field of Specialization: Chemical Engineering
- William Hanell Chapman.....Arlington, Va.
 B.S. (University of California, Berkeley)
Field of Specialization: Geodetic Science
- Gurbachan Singh Chawla.....New Delhi, India
 B.M.B.S. (All-India Institute of Medical Sciences)
Field of Specialization: Pathology
- Thomas George Cleaver.....Cleveland
 B.S.E.E. (Case Institute of Technology)
Field of Specialization: Electrical Engineering
- Robert Douglas Couch.....Hamilton
 B.S. in Mech.Engr. (University of Kentucky)
Field of Specialization: Engineering Mechanics
- Robert Lee Crane.....Columbus
 B.Cer.E.
Field of Specialization: Mineralogy

* Two degrees

- John William Daugherty.....Akron
 B.S.M.E. (University of Akron); M.S.M.E. (Northeastern University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Sister Mary Cabrini Dentkos.....Garfield Heights
 B.S. in Phar. (Creighton University)
Field of Specialization: Pharmacy
- Ross Edward Dryer.....Avon Lake
 B.Sc. in Agr.
Field of Specialization: Botany and Plant Pathology
- Richard Wilmot Earhart.....Columbus
 A.B. (Middlebury College); B.Sc.
Field of Specialization: Physics
- Philip Eugene Eggers.....Akron
 B.Sc.
Field of Specialization: Physics
- John Henry Eickel.....Bucyrus
 B.E.E.
Field of Specialization: Electrical Engineering
- Susan Eichelberger Eldridge.....Bucyrus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Gerald Francis Elsbernd.....Akaikai, Hawaii
 B.S. (Engr. Science) (United States Air Force Academy)
Field of Specialization: Engineering Mechanics
- Thomas Ellis Eltzroth.....Chillicothe
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Donald Eugene Ensign.....McComb
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Thelma Ruth Esquivel.....Galion
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Thomas John Fabish.....Youngstown
 B.Aero.E.
Field of Specialization: Physics
- Norman Ray Fausey.....Fremont
 B.Sc. in Agr.
Field of Specialization: Agronomy

- Marilyn Ruth Fenton**.....Salem
 B.S. (Capital University)
Field of Specialization: Physiological Chemistry
- Harry Leroy Fidoe**.....Salem
 B.M.E.
Field of Specialization: Mechanical Engineering
- Edward Clime Fladt**.....Wilmington
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Judith Lichnovsky Floyd**.....Ann Arbor, Mich.
 B.S.Nurs. (University of Michigan)
Field of Specialization: Nursing
- Albert Bernard Frank**.....Fresno
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard Carl Frey**.....Cincinnati
 B.S. (Xavier University)
Field of Specialization: Physics
- Ernest Mason Friar, Jr.**.....Fairborn
 B.S. in E.E. (University of North Carolina at Raleigh)
Field of Specialization: Electrical Engineering
- Thomas Anthony Galantowicz**.....Cheektowaga, N. Y.
 B.E.E. (University of Detroit)
Field of Specialization: Electrical Engineering
- Steven Ray Gardner**.....Westerville
 B.E.E.
Field of Specialization: Electrical Engineering
- Shirley Linden Gipson**.....Dillon, Mont.
 B.S. in Bact. (Montana State College)
Field of Specialization: Pathology
- David Edward Glasgow**.....Hilliard
 A.B. (Miami University)
Field of Specialization: Nuclear Engineering
- Harold Norman Godwin**.....Ness City, Kans.
 B.S. (University of Kansas)
Field of Specialization: Pharmacy
- Paul S. Gritt**.....White Plains, N. Y.
 B.S. in M.E. (Carnegie Institute of Technology)
Field of Specialization: Mechanical Engineering
- Thomas John Hall**.....Hartville
 B.M.E.
Field of Specialization: Mechanical Engineering

- John Kelly Harting**.....Cincinnati
Field of Specialization: Anatomy
 B.A. (Ohio Wesleyan University)
- Muriel Denese Hartman**.....Toledo
 B.Sc. in Nurs.
Field of Specialization: Nursing
- William LeRoy Haskin**.....Dayton
 B.Sc.
Field of Specialization: Physics
- Thomas Stephen Herman**.....Campbell
 B.A. (Youngstown University)
Field of Specialization: Microbiology
- Jacqueline Davis Huddleston**.....San Antonio, Tex.
 B.A. (Trinity University, Texas)
Field of Specialization: Microbiology
- Robert Lee Ivy**.....Coshocton
 B.S. in Agr. (Arkansas State College)
Field of Specialization: Agricultural Education
- Thomas Emrys James, Jr.**.....Vienna
 B.Sc.
Field of Specialization: Zoology
- Gary Russell Johnson**.....North Canton
 D.V.M.
Field of Specialization: Veterinary Pathology
- Gary David Jolliff**.....Ridgeway
 B.Sc. in Agr.
Field of Specialization: Agronomy
- *Ralph Bernard Jutte, Jr.**.....Fort Recovery
Field of Specialization: Chemical Engineering
- Sami Yusef Kalliney**.....Abu Qurqas, Egypt
 B.Sc. and Ed. (Teachers Training College, Cairo); M.A.
Field of Specialization: Chemistry
- James William Kauffman**.....Altoona, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Physics
- Terence Edward Kilcoyne**.....Elmira, N. Y.
 B.E.E.
Field of Specialization: Electrical Engineering
- Donald Duane Kirkendall**.....Findlay
 B.S. (Bowling Green State University)
Field of Specialization: Mathematics

* Two degrees

- Michael George Konicek.....Parma
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Zieva Dauber Konvisser.....Columbus
 A.B. (Rutgers University)
Field of Specialization: Pharmacy
- Edward Wayne Koos.....Fort Wayne, Ind.
 B.S. (Indiana Technical College)
Field of Specialization: Chemistry
- Robert Harold Koppe.....Massapequa Park, N. Y.
 B.S. (Syracuse University)
Field of Specialization: Nuclear Engineering
- Burton Jay Krohn.....Nashville, Tenn.
 B.S. (Vanderbilt University)
Field of Specialization: Physics
- Patricia King Latham.....Plain City
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Charles Herbert Law.....Alexandria
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- George Robert Leichnetz.....Buffalo, N. Y.
 B.S. (Wheaton College, Illinois)
Field of Specialization: Anatomy
- Charles William Lifer.....Danville
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Carolyn Elizabeth Littlejohn.....Fletcher
 B.Sc. in Nurs.
Field of Specialization: Nursing
- John David Long.....St. Paris
 B.Sc. in Agr., B.Agr.E.
Field of Specialization: Agricultural Engineering
- Prem Dutt Malik.....Ghaziabad, U.P., India
 B.V.Sc. (Punjab University)
Field of Specialization: Veterinary Parasitology
- Michael Arthur McGrew.....Columbus
 B.S. in E.E. (Lafayette University)
Field of Specialization: Electrical Engineering
- Susan McKendry.....Olympia Fields, Ill.
 A.B. (Rosemont College)
Field of Specialization: Chemistry

- Roosevelt Alva McKinley..... Columbus
 B.S.E.E. (Tuskegee Institute)
Field of Specialization: Electrical Engineering
- Elizabeth Anne McNiff..... Roxbury, Mass.
 A.B. (Merrimack College)
Field of Specialization: Microbiology
- Vridhi Singh Mehta..... Bikaner, Rajasthan, India
 B.V.Sc. and A.H. (University of Rajasthan); B.Sc. (University of
 Rajpurana)
Field of Specialization: Poultry Science
- Nicholas Conrad Merrill..... Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Agricultural Economics and Rural Sociology
- Stanley Fitzer Miller..... Hamilton
 B.S.M.E. (University of Cincinnati)
Field of Specialization: Nuclear Engineering
- Jerry Ray Morton..... Dayton
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Leona Holmes Mourad..... Dayton
 B.Sc. in Edu.
Field of Specialization: Nursing
- Gary Wilson Moye..... Fairborn
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Sharon Preston Murray..... Gallipolis
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Larry Woodrow Nuzum..... Wintersville
 B.M.E.
Field of Specialization: Mechanical Engineering
- James Ewers Orkins..... Tioga, Pa.
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Joseph Thomas Peleckis..... Linden, N. J.
 B.M.E. (Villanova University, Pennsylvania)
Field of Specialization: Mechanical Engineering
- Raymond Victor Persino..... Chicago, Ill.
 B.S. (M.E.) (University of Illinois)
Field of Specialization: Mechanical Engineering
- William Robert Pfouts..... Pittsburgh, Pa.
 B.S. (M.E.) (University of Notre Dame)
Field of Specialization: Metallurgical Engineering

- Frederick Sterling Pierce.....Columbus
 B.S. (Pennsylvania State University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Richard Charles Rapson, Jr.....Columbus
 B.S. (Rose Polytechnic Institute)
Field of Specialization: Mechanical Engineering
- David Barringer Rensch.....Dayton
 B.E.E.
Field of Specialization: Electrical Engineering
- James Arthur Roberson.....Dayton
 B.S.Met.E. (Purdue University)
Field of Specialization: Metallurgical Engineering
- James Alan Rouse.....Columbus
 Aero.Engr. (University of Cincinnati)
Field of Specialization: Aeronautical and Astronautical Engineering
- Lucy Johanna Schneider.....Columbus
 B.Sc. in Edu.
Field of Specialization: Nursing
- William Richard Schnug.....Amlin
 B.Agr.E.
Field of Specialization: Agricultural Engineering
- Charles William Schultz.....Dearborn, Mich.
 B.S. (University of Michigan)
Field of Specialization: Chemistry
- Richard Stanley Scranton.....Dayton
 B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Ruth Griffin Shepherd.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Ted Henry Short.....Delta
 B.Agr.E.
Field of Specialization: Agricultural Engineering
- *Albert Richard Shuki, Jr.....Bedford Heights
Field of Specialization: Chemical Engineering
- David Michael Shupe.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Frederick Stevenson.....West Salem
 B.S. (Ashland College)
Field of Specialization: Zoology

* Two degrees

- Larry Allen Stockum.....Coshocton
 B.E.E.
Field of Specialization: Electrical Engineering
- Gary Allen Stumbaugh.....Loudonville
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Eugene Karoku Tashima.....Dayton
 B.S., M.E. (University of California, Berkeley)
Field of Specialization: Mathematics
- William Murry Taylor, Jr.....Mansfield
 D.V.M.
Field of Specialization: Microbiology
- Richard Reid Thompson.....Delphos
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Jon Howard Tuttle.....Columbus
 B.Sc.
Field of Specialization: Microbiology
- Ethard Wendel Van Stee.....Boulder, Colo.
 B.S., D.V.M. (Michigan State University)
Field of Specialization: Veterinary Physiology
- Stephen Dana Veirs, Jr.....Columbus
 B.Sc.
Field of Specialization: Botany and Plant Pathology
- *Gary Edward Voelker.....Waverly
Field of Specialization: Electrical Engineering
- Victoria Louise Waters.....Akron
 B.A. (College of Wooster)
Field of Specialization: Zoology
- Yair Weinstock.....Haifa, Israel
 B.S. (Case Institute of Technology)
Field of Specialization: Industrial Engineering
- David Evan Wellington.....East Liverpool
 B.E. (Youngstown University)
Field of Specialization: Electrical Engineering
- Anthony John Wilkinson.....Ryde, England
 B.Sc. (University of Bristol)
Field of Specialization: Electrical Engineering
- Joan Emily Wilson.....Plainfield, N. J.
 B.Sc. in Nurs.
Field of Specialization: Nursing

* Two degrees

- Philip Raymond Woodruff..... Tiffin
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- James Anthony Woolley..... Canton
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Darrell Vincent Wright..... Dunlap, Ia.
 B.S. (Utah State University)
Field of Specialization: Ceramic Engineering
- John Richard Yane..... Euclid
 B.A. (Northwestern University)
Field of Specialization: Physics
- Norann Lou Yanosh..... Greensboro, Pa.
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Larry LaMar Yarger..... Columbus
 B.S. (Valparaiso University)
Field of Specialization: Nuclear Engineering
- Peng Nam Yeoh..... Mentakab, Pahang, Malaya
 B.Pharm. (University of Singapore)
Field of Specialization: Pharmacy
- Diane Kathleen Yoder..... Beaver Falls, Pa.
 A.B. (Thiel College)
Field of Specialization: Chemistry

(One hundred and thirty-three candidates)

Candidates for Two Degrees

- Nancy Jo Allen**..... **Richwood**
Bachelor of Arts
Bachelor of Science in Education
- James Lee Altstaetter**..... **Columbus Grove**
Master of Science
Bachelor of Aeronautical and Astronautical Engineering
- Larry Raymond Burner**..... **Columbus**
Master of Science
Bachelor of Industrial Engineering
- Mary Carmel Cline**..... **Marietta**
Bachelor of Arts
Bachelor of Science in Education
- Ralph Bernard Jutte, Jr.**..... **Fort Recovery**
Master of Science
Bachelor of Chemical Engineering
- Marcella Elise Schilder**..... **Chillicothe**
Bachelor of Arts
Bachelor of Science in Education
- Albert Richard Shuki, Jr.**..... **Bedford Heights**
Master of Science
Bachelor of Chemical Engineering (cum laude)
- Gary Edward Voelker**..... **Waverly**
Master of Science
Bachelor of Electrical Engineering

(Eight candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

William Byron Appleman.....	Pickerington
James Frederick Arrasmith, B.S. (Mount Union College).....	Minerva
John Milton Bach.....	Belle Center
Michael James Bigham.....	Lancaster
Lawrence Kent Bone.....	Jamestown
Paul Dean Boreman.....	Wooster
Jack Bowerman.....	Columbus
Charles Harrison Cameron.....	London
James Newton Carey.....	New Vienna
Thomas Allen Collett.....	Wilmington
Ivan H. Crozier.....	Ada
Samuel Arthur Dean.....	Wilmington
Donald Vetsel DeBord.....	West Chester
William David Ehlers.....	Louisville
Luther Albert Eirich.....	Peoria
Roger H. Feist.....	Cincinnati
Garry Eugene Gibbons.....	Woodsfield
Larry Donovan Hackett.....	Apple Creek
Mark Lowell Hamen.....	Pemberville
Gerald Louis Hanko.....	Wakeman
Lloyd Dallas Heckathorn.....	Forest
Jeffrey Lee Hess.....	Columbus
James Allen Huber.....	Pettisville
Stephen Earl Hughes.....	Cincinnati
Michael John Hurdzan.....	Columbus
Charles Lee Kantner.....	Wapakoneta
James Albert Keim.....	West Salem
Michael Anthony Langhals.....	Cloverdale
Howard Walter Linder.....	Monroeville
Larry Glenn Marr.....	Northup
Neal Paul Martin.....	Seville
Betty Jean Maximuk.....	Brooklyn
Thomas George McCloud.....	Massillon
James Richard McConnell.....	Mt. Vernon
Richard Gabbert McKinstry, Jr.....	Lancaster
Alfred John Melega.....	Cleveland
John Carl Messersmith.....	Masury
Michael Edward Miller.....	Danville
Esrom N. Miringa.....	Kikuyu, Kenya
Lawrence Edward Morse.....	Hilliard
Robert Franklin Ostroski.....	Caldwell
Ronald Lee Overmyer.....	Fremont
Donald Earl Palmer.....	McCutchenville
Bruce Eugene Pickering.....	Jamestown
James Michael Ranomer.....	Barberton
George Richard Riehle.....	Cincinnati
John Robert Rulison.....	Brecksville
James Harold Sherer.....	Cincinnati
Donald Lynn Shoemaker.....	Lyndon
Cecil Darrell Smith.....	Harrisburg

Larry Glenn Steward.....	Westerville
John Bernard Streber.....	New Vienna
Richard Allen Strohm.....	Gahanna
John Marcus Terrell.....	Wilmington
James Paul Tobin.....	Warren
Donald Thomas Waddington.....	Akron
Stephen Robert Wert.....	Springfield
James Warren Whitaker.....	Toledo
Andrew Donald Wickline.....	New Burlington
Philip Allen Winters.....	Mansfield

(Sixty candidates)

Bachelor of Science in Dairy Technology

Thomas Richard Greenlee.....	Bethesda
David Ross LeVally.....	Ridgeway
Dennis John Walter.....	LaGrange

(Three candidates)

Bachelor of Science in Food Technology

Daniel George Hoffmann.....	Columbus
Robert Evans Safford.....	Columbus

(Two candidates)

School of Home Economics

Bachelor of Science in Home Economics

Raye Carol Bauer Berg.....	Junction City
Janet Reid Biery.....	Laurelville
Virginia Ann Ellis.....	Mt. Vernon
Marcia Tingley Fetter.....	Galion
Mary Getz Foster.....	Medway
Geraldine Roush Greenwood.....	Columbus
Bunny Blair Gunyou.....	New York, N. Y.
Cynthia Black Hall.....	Athens
Joyce Ann Hargraves.....	Norwalk
Cynthia Horn Huff.....	Columbus
Loretta Kathleen James.....	Mt. Gilead
Lorraine Marie Knight.....	Cortland
Patricia Ann Landrigan.....	Columbus
Janice Ileen Latham.....	Plain City
Susan Ann Leslie.....	Dayton
Lynda Smyth Longbrake.....	Canton
Doris Elizabeth McFarland.....	Newton Falls
Nancy Lee Miceli.....	Columbus
Judith Ann Millar.....	Columbus
Janet Lee Miller.....	Lakeville
Delores Jean Naylor.....	Ashland
Nancy Simmonds Noyes.....	Cincinnati
Jean Ann Owens.....	Jeffersonville
Patricia Ann Pemberton.....	Columbus
Joy Lynn Perkins.....	Wellston
Judith Conner Raikes.....	Columbus
Tacy Wenner Raymaley.....	Carey

Carol Sue Rowles.....Willoughby
 Dorathy Miller Salenger.....Cleveland
 Elaine Marie Sceranka.....Euclid
 Patricia Shank Van Hoose.....Mechanicsburg
 Katherine Ann Wagner.....Marion
 Eileen Parks Wozniak.....Avon Lake

(Thirty-three candidates)

College of Arts and Sciences

Dean: *J. Osborn Fuller*

Bachelor of Arts

Patricia Isbell Adelekan.....	Allston, Mass.
Janet Louise Alexander.....	Plainfield, N. J.
*Nancy Jo Allen.....	Richwood
Carol Virginia Benoy.....	Columbus
Susan Lea Bishop.....	Fairview Park
Linda Carol Blumes.....	Swift Current, Sask., Canada
Daniel John Bomberg.....	Lakewood
Walter Gene Brooks.....	Warren
Gerald Blair Brown.....	Ambridge, Pa.
Jane George Brown.....	Toledo
Terri Suzanne Brummel.....	Madison
Sharon Acton Cica.....	Lakewood
*Mary Carmel Cline.....	Marietta
Richard Edwin Crumrine.....	Wadsworth
Ronald Albert Dorsten.....	Minster
James Joseph Ducey.....	Columbus
Barbara Bogen Eckstein.....	Columbus
Richard Gerald Edison.....	Dayton
Charles Richard Eigenberg.....	Hastings, Nebr.
Theodore Albert Ellinger.....	Cleveland
Roland Edward Fisch.....	Arlington Heights, Ill.
Linda Luray Foster.....	Westerville
Donald Kenneth Gartman.....	Cleveland
James Patrick Gavin.....	Cleveland
Robert Michael Gegner.....	Barberton
Geoffrey Taylor Grant.....	Columbus
Mary Ann Francis Grant.....	Lancaster
Robert Owen Hahn.....	Millersport
Phenton Thomas Harker.....	Columbus
Maureen Pantelione Harrison.....	Cleveland
Susan Jane Hayes.....	Export, Pa.
Thomas Edward Heinl.....	Akron
Sandra Elaine Henderson.....	Jacksonville, Fla.
Peter Conrad Hodgson.....	Columbus
William Edward Holmes.....	Warren
Lynn Huston.....	Columbus
Bruce Donald Johnson.....	Carroll
Virginia Gail Johnson.....	Garden City, N. Y.
Linda Sue Kay.....	Cleveland Heights
Maria Elena Keller.....	Sandusky
Monroe Lawrence Lerner.....	Columbus
Craig Edward Liebel.....	Cincinnati
Charles Albert Litzinger (summa cum laude).....	Somerset
Nancy Hutchcroft Martin.....	Cincinnati
Gretchen Anne McBeath.....	Akron
Peter Bush McClelland.....	Columbus
Harold Samuel McGinnis, Jr.....	Pittsburgh, Pa.
John Francis McIlhargey, Jr.....	Toledo
Herman John Mendoza.....	Paterson, N. J.

* Two degrees

Mary Louise Millarve.....University Heights
Stanley Stewart Miller.....Columbus
Frank Richardson Moore.....Columbus
John Edward Nahan.....Vienna, Va.
Robert John Nelson.....Columbus
Norma Mae Nooks.....Columbus
Gary Franklin Obloy.....Parma
Patricia Paulson Obloy.....Cleveland
Elizabeth Ann Odell.....Worthington
Frances Ann Pasquale.....Cleveland
James Joseph Paulk.....Columbus
Betty Ann Pentek.....Shaker Heights
John Gordon Pieffer.....Barberton
Philip Elwood Pitzer.....Springfield
Jeffrey Roger Reider.....Cleveland
Paul Henry Rimelspach.....Oberlin
Harvey James Robbins.....Columbus
Michael Lane Robertson.....Mansfield
David Arthur Ruckman, B.Sc.....Cuyahoga Falls
Jeri Louise Russakov.....Norwalk
Sylvia B. Sanborn (cum laude).....Columbus
*Marcella Elise Schilder.....Chillicothe
Stephen Thomas Semegen II.....Hudson
Jeffrey Craig Shoemaker.....Kettering
Jeffrey Charles Smith.....Smithtown, N. Y.
James Michael Sposito.....Mansfield
Robert Alan Stallings.....Westerville
Earl Spencer Stump.....Columbus
Joyce Elaine Tanner.....Kettering
William Edward Thimmes, Jr.....Lancaster
William Reid Thomas.....Lancaster
Rollon Michael Thompson.....Cincinnati
Michael Edward Todaro.....Marion
Robert Joseph Torra.....Brooklyn, N. Y.
Jesse Jackson Trotter, Jr.....Columbus
Richard Stanton Truax.....Columbus
James Edward Turner.....Parma Heights
Langdon Kent Tyler.....Worthington
Errol Lee Van Scoy.....Lancaster
James Mehollin Vaughan.....Canton
Duane Robert Velte.....Waterloo, N. Y.
Robert William Herbert Vokes.....Brunswick
James Douglas Wahl.....Toledo
Richard Anthony Wainwright.....Rego Park, N. Y.
Janet Sue Welsh.....Granville
Nicholas Frederick Wilberschied.....Euclid
Margaret Jane Winfield.....Grove City
Renata Rose Witt.....Lakewood
William Otto Younkin.....Wooster
Astra Peterson Zemzars.....Cleveland
Fred Richard Zupancic.....Euclid
Rita Carol Zweier.....Columbus

(One hundred and one candidates)

* Two degrees

Bachelor of Science

Marshall Alfred Bell.....	Columbus
William Burton Betz.....	Columbus
James Haggerty Boltz (cum laude).....	Hillsboro
Edmond Arvin Chapdelaine.....	Columbus
Grady Albert Clendening.....	Pittsburgh, Pa.
Gary Dwight Conroy.....	Newark
Frederick Lee Dailey.....	Gahanna
David Newell Dixon.....	Waynesfield
Louis Peter Ellen.....	Toronto
David Wright Evans.....	Steubenville
Samuel Fantle III.....	Dayton
Jack Moreland Ferrier.....	Bay Village
Mark Allan Friedman.....	Pittsburgh, Pa.
Thomas Joseph Futrell.....	Bradford
Robert Lewis Glendenning.....	Carroll
John Christian Isham, II.....	Columbus
James Roger Johnson.....	Columbus
Mohammad Yasin Khosti.....	Kabul, Afghanistan
Kenneth Chester Klanicki.....	Aliquippa, Pa.
David William Kuhns.....	Columbus
David Richard Lab.....	Bolivar
Barbara Dobbins Macander.....	Toledo
George Paul Mackinaw.....	Shadyside
Jay Dale Marsh.....	Des Plaines, Ill.
Robert Joel Nowacek.....	Euclid
George Frederick Oertel II.....	Northport, N. Y.
Thomas Walter Osborn.....	Coshocton
William Thomas Perdue.....	Cuyahoga Falls
Bradway Frederick Phillips.....	Barberton
James Phillip Pinnell.....	Portsmouth
Stephen Donald Righter.....	Columbus
John Clifford Ruck.....	Lima
David Charles Rush.....	Washington, D. C.
Gerald Roland Spenko.....	Euclid
Arvo Wayne Toukonen.....	Jefferson
Eileen Martha Toukonen.....	Jefferson
Thomas Mathias Walter.....	Dayton
Edward Roy Washburn.....	Sharpville, Pa.
Bruce Ivan Wexler.....	Chicago, Ill.
Ned Bruce Wilson.....	Toronto

(Forty candidates)

School of Journalism

Bachelor of Arts

Ned Torrance Artman.....	Chillicothe
William Lee Bowden.....	Middle Point
Marilyn Kay Cool.....	Greenville
Michael Richard Flynn.....	Columbus
John Philip Landfried.....	Cincinnati
Carl Richard Stelling.....	Columbus

(Six candidates)

College of Biological Sciences

Dean: *Ralph M. Johnson*

Bachelor of Science

Robert Clifford Angerer (summa cum laude and with Distinction in Zoology)	Columbus
Thomas Eugene Bradley	Newark
Norman William Bunting, Jr.	Fairfield
Raymond Edward Click	Columbus
Michael Robert Cooper	Columbus
George Roger Courts	Georgetown
Carol Sue Davidson	Toledo
Maria DeMaggio	Bergenfield, N. J.
Dianne Dennis	Wilmington
Kathryn Key Finney	Olmsted Falls
James Howard Fridrich	Bay Village
Grace Louella Gloss	Columbiana
Daniel Goodman (cum laude)	Cincinnati
Glen Dale Heller	Mansfield
Ronald Jon Ilg	Euclid
James Russell Johannisson	Chagrin Falls
Walter Dale Karr	Coshocton
Kaaren Lee Keller	Columbus
Peter Karl Klassen	Columbus
Charles Geoffrey Kopp	Ashland
Michael Hampshire Korstange	Worthington
Frank James Kuesel III	Worthington
Ronald Michael Lavigna	Euclid
Geoffrey Lynn Leister	Newark
William Huntley Overholser	Delaware
Katherine Louise Percy	Twinsburg
Stephen John Stoner	Cleveland
Nicholas Charles Strauss	Columbus
Patricia Sue Sukup	Paulding
Alan John Tucci	Euclid
Frederick Klemm Ungemach II	Roseville
Douglas Lynn Waldman	Wapakoneta
Timothy Raymond Watson	Columbus
Armin David Weinberg	Cleveland Heights
Letha Eann Yurko (summa cum laude)	Weirton, W. Va.

(Thirty-five candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Robert Lloyd Agnew.....	Fostoria
Raymond Anthony Alvarado.....	Van Wert
James William Anderson.....	Republic
William Xavier Anderson.....	Paterson, N. J.
Theodore Kyle Andrick.....	Cuyahoga Falls
Daniel Edward Armel.....	Columbus
Dale Jeffrey Barker.....	Franklin
Samuel David Bates.....	Columbus
Robert Eugene Baxter.....	Worthington
David Harold Beaver.....	Columbus
Richard Allen Bender.....	Columbus
Michael Andrew Benn.....	Georgetown, Guyana
Joseph Edmund Bennett.....	Columbus
Robert Arthur Beutler, Jr.....	Geneva
Robert John Billman.....	Columbus
Thomas Dexter Blackburn.....	Columbus
Jeffrey Mark Bobier.....	Shaker Heights
George Joseph Bodnar.....	South Euclid
Janice Cheryl Bohnen.....	University Heights
Jack Lynn Boyer.....	Urbana
Edward George Brandstetter.....	Canton
Thomas Wilson Braun.....	New Bremen
Jerome Albert Briner.....	Hamilton
Raymond Robert Brooks.....	Columbus
David Thomas Brown.....	Columbus
Jay Wright Brown.....	Canton
Robert Francis Bullock.....	Dayton
Thomas Edward Butcher.....	Cireleville
Millard Buckner Byrne.....	Columbus
James Matthew Cain.....	Lakewood
Floyd Patrick Campbell.....	Columbus
Harold Patterson Card.....	Hilliard
Michael Richard Cartwright.....	Springfield
William Henry Cash III.....	Mansfield
Mearl Eugene Caskey, Jr.....	Columbus
Ronald Thomas Clark.....	Dayton
Dennis Eric Conard.....	Chillicothe
William Roger Cooper.....	Brecksville
Douglas Clifford Coyner.....	Fairborn
Francis Joseph Curran, Jr.....	Columbus
Leland John Danielsen, Jr.....	Tarzana, Calif.
Ronald Lynn Daron.....	Columbus
Richard Burns Davis.....	Pittsburgh, Pa.
John William Dawson III.....	Columbus
Timothy Gene Decker.....	Wauseon
David Kirtley Dennis.....	Dayton
Gary Lee Deyling.....	Brecksville
Donald Joseph Dinan.....	Zanesville
Anthony Richard DiRosario.....	Steubenville
Robert Leo Dove, Jr.....	Canfield

William Joseph Dovell, Jr..... Columbus
 Caroline May Dozer..... Columbus
 Timothy Ray Eby..... Brookville
 Leonard Michael English..... Cleveland
 Richard Joel Evans..... University Heights
 Joel Jesse Farkas..... Cincinnati
 Anthony John Fiala..... New Rochelle, N. Y.
 Joseph Dennis Finney..... Brookville
 James Boone Fleig..... Columbus
 Thomas Raymond Flynn..... North Kingsville
 Russell Edwin Frankel..... Columbus
 Gary Alan Franklin..... Dayton
 Marc Alan Freeman..... Dayton
 Martin Gailitis..... Cleveland
 Ralph William Gallagher..... Shaker Heights
 Michael Joseph Garner..... Columbus
 Donald Edward Garrison..... Sterling
 Paul Alan Geckeler..... Hamilton
 Douglas Andrew Gonda..... North Royalton
 Patrick Edward Gratchen..... Lorain
 Michael Allen Greenberg..... Columbus
 Robert Louis Gregory..... Columbus
 Sherwood Estabrook Hall III..... Athens
 James Eugene Hammond..... Grove City
 Charles Arthur Harrington..... Columbus
 James William Harris..... Columbus
 John Ward Harrison Jr..... Westerville
 Herman Fredrick Hauser..... Bucyrus
 Lew Townsend Heil..... Bridgeport
 Philip Christian Hepkema..... Rocky River
 John Curtis Herchler..... Vermilion
 Thomas Ben Herriott..... Marysville
 Lawrence William Hill..... Springfield
 Nelson David Hitchcock..... Sandusky
 John Terrence Hoffmann..... Columbus
 John Wesley Hornberger..... Columbus
 John Mark Ionno..... Waynesburg
 Patrick Mark Jeffries..... Newark
 Charles Edward Johnson..... Memphis, Tenn.
 Ernest Eugene Johnson..... Columbus
 John Kenneth Jones..... Waynesburg
 Daniel Jack Kagel..... North Olmsted
 Michael David Kane..... Ashtabula
 William Douglas Kerns..... Piqua
 Norman Charles King, Jr..... Napoleon
 Wayne Joseph Kleman..... Ottawa
 James Leslie Kosempa..... Cleveland
 Alex Daniel Kovacs, Jr..... Painesville
 David Joseph Lambert..... Columbus
 Philip Robert LaVelle..... Springfield
 Stephanie Kay Lenart..... Rock Creek
 Kenneth Herbert Leslie..... Columbus
 William Daniel Lieser..... Canton
 Brian William Livingston..... Indianapolis, Ind.
 David Channing Mader..... Bridgeville, Pa.
 Thomas Michael Marker..... Wapakoneta

Donald Lee Marsh.....Boston, Mass.
 Roger Lynn Martin.....Xenia
 Mark Dean Mathis.....Berea
 Clyde William McBee.....Columbus
 David Dan McCarthy.....Dayton
 Michael Kane McCauley.....Cleveland
 George Winger McCloy.....Columbus
 Thomas Boyd McGaughey.....Jacobsburg
 James Edwin McPike.....Lakewood
 Stephen Mensel.....Worthington
 Alex Joseph Meszaros, Jr.....Columbus
 Raymond Allan Meterko.....Marblehead
 Terrence Lee Meyer.....Dayton
 Rick Leonard Montecalvo.....Ravenna
 Dennis Eugene Montgomery.....New Bloomington
 Sister Marie Venard Moroney (cum laude).....Columbus
 Michael Burns Morrill.....Columbus
 Maynard Rudolph Moser.....Orrville
 Gary Lynn Mowery.....Wapakoneta
 Roger Dale Myers.....Marion
 Jerry Steven Nethers.....Newark
 Barry Henry Novasel.....Shaker Heights
 Thomas Josef Olander.....Columbus
 Thomas Michael Olekson.....Parma
 Michael Foy O'Neill.....Columbus
 Richard Craig O'Rourke.....Westlake
 David Owen Otto.....Cuyahoga Falls
 Paul James Pearson.....West Union
 Arnold Isaac Peskin.....Youngstown
 Ronald Morley Pettit.....Columbus
 David Anthony Poplstein.....Parkview Village
 Thomas Howard Porterfield, Jr.....Mt. Vernon
 James Mark Powers.....Brooklyn Heights
 Martin Pressman.....Charleston, W. Va.
 Joseph William Ray III.....Columbus
 Dennis Kirk Reed.....Willard
 Walter Gustav Reiner.....Columbus
 Alexander James Rolletta.....Newark
 Dennis Noel Roman.....Shaker Heights
 Gerald Vandersall Romig, Jr.....Akron
 David Edward Rose.....Columbus
 Stephen Mark Rosenberg.....Mansfield
 Samuel Byrl Ross.....Parkersburg, W.Va.
 Glenn Boden Rudy.....Toledo
 John Alister Russell.....Dayton
 Raymond Alexander Salco.....Westlake
 Wilfred Lynn Sanders.....Elmira, N. Y.
 Gary Eugene Saum.....Columbus
 Daniel Edward Scanlon.....Columbus
 Thomas Anthony Schirack.....Dayton
 William George Schmidt, Jr.....Bay Village
 Peter Brown Schoenberger.....Shaker Heights
 Hans Adolf Schokatz.....Mansfield
 Fredrick R. Schupbach.....Dover
 Sandra Louise Shoup.....Polk
 Robert Lawrence Slane.....East Paterson, N. J.

Charles William Smallwood.....	Columbus
Charles Ray Smith.....	Piqua
David Brian Smith.....	Lodi
Douglas Craig Smith.....	Lakewood
Fred Lester Smith.....	Worthington
Larry William Smith.....	Amsterdam
Richard Howe Smith.....	Columbus
John Wiley Snyder.....	Lancaster
Robert Mix Snyder.....	Gahanna
Gerald Louis Spott.....	Cleveland
Clark Eugene Sprang.....	Big Prairie
Michael Wayne Starn.....	Columbus
Andrew Steidinger, Jr.....	Columbus
William Arthur Stewart.....	Columbus
William Jerry Stimson.....	Columbus
Linda Renard Stong.....	Milwaukee, Wis.
David Michael Strapp.....	Columbus
Sheldon Alex Strauss.....	Cleveland
Harold Martin Summers, Jr.....	Mt. Holly, N. J.
Thomas Alden Tam.....	Carrollton
David Rex Tracht.....	Dover
Donald Richard Troendly.....	Bowling Green
Dennis James Tucker.....	Norwalk
Stephen Harvey Turk.....	Columbus
Bobby Claude Underwood (summa cum laude).....	Thorsby, Ala.
Charles Kimball Van Sluyter.....	Cincinnati
Charles William Weasel.....	Napoleon
Alan Herbert Weiss.....	Cleveland
John Robert White.....	Columbus
Edward Lane Williams, Jr.....	Youngstown
Ross James Winning.....	Germantown
Mervin Daniel Winston.....	Columbus
William Wilson Wolfe.....	Dublin
Thomas Eldon Workman.....	Delaware
David Joseph Yacso.....	North Olmsted
Bernard Z. Yavitch.....	Columbus
Thomas Robert Yurosko.....	Euclid
George Carroll Zabel.....	Newark
Stanley John Zak.....	Amsterdam
Benjamin Edward Zalenski.....	Independence
Jack Merriss Zickafoose.....	Tiffin
Kenneth Ray Zimmerman.....	Columbus

(Two hundred and four candidates)

School of Social Work

Bachelor of Science in Social Welfare

Diane Eileen Bitzer.....	Painesville
Jane Lynn Chormann.....	Lewiston, N. Y.
Georgianna Conrad.....	Lima
Carol Richardson Dean.....	Hilliard
Virginia Diane Dougherty.....	Elbridge, N. Y.
Kathy Russell Funk.....	Alliance
Candis Joan Kramer.....	Columbus
Nancy Fox McIntyre.....	Columbus
Marlene Sonny Ratner.....	Shaker Heights
Glenn Edward Rohrer.....	Columbus
Sandra Lou Shipley.....	Columbus
George Clifford Shoemaker.....	Columbus
Beverly Brown Thompson.....	Dayton
Marsha Feuer Topy.....	Columbus

(Fourteen candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Donald Ralph Abbruzzese, B.S. (Xavier University) Columbus

James Terry Planicka, B.A. (Ohio Wesleyan University) Parma
(Two candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Sally Ann Acree.....	Akron
*Nancy Jo Allen.....	Richwood
Tanya Lee Amann.....	Columbus
Aija Ambats.....	Canal Winchester
Susan Jean Antle.....	Columbus
Carolyn Patch Banning (cum laude).....	Columbus
Barbara Anne Beberdick.....	Columbus
Frances Marie Bianco.....	Columbus
Janet Kay Billétt.....	Warren
Evangeline Erny Billing.....	Sidney
Robert Edward Binger.....	Westfield, N. J.
Gloria Jean Bodell.....	Marion
Joseph Michael Borst.....	Springfield
Julianne Mary Boston.....	Dayton
Karen Peet Brinkman.....	Cincinnati
Jerry Brent Brittsan.....	Ohio City
Jean Ann Brown.....	Groveport
Helen Elizabeth Burgess.....	Massillon
Adele Hileman Burnham.....	New London
Carmen Samuel Campagna.....	Martins Ferry
Marcia Bacon Campbell.....	Columbus
Roger Alan Castanien.....	Upper Sandusky
Ellen Zink Chadwick.....	Mt. Vernon
Charlene Etnier Cline.....	Bowling Green
*Mary Carmel Cline.....	Marietta
Constance Suzanne Coffman.....	Lakewood
Barbara Ellen Cohen.....	University Heights
Robert Andrew Coulter.....	Columbus
Judy Thomas Crabtree.....	Columbus
Sylvia Brandt Crall.....	Bucyrus
Joan Millious Croft.....	Columbus
Peggy Sue Cuthbert.....	Canal Fulton
Margaret Cutler.....	Akron
Donald Ralph Dague.....	Glendale, W. Va.
Maxine Ruth Davis.....	University Heights
Samuel Earl Davis, B.Sc. in Soc. Wel.....	Dayton
Edward Eugene Debiec.....	Lockbourne AFB
Betty-Jo Grant DeRosa.....	Novelty
Michael Lewis Dieringer.....	Utica
Daniel Chalsmer Douglas.....	Columbus
Rosemary Caplinger Drummond.....	Washington C. H.
Christiane Semirotd Edmondson (cum laude).....	Columbus
John Warren Elliott.....	Sylvania
Douglas Barton Evans.....	Mt. Vernon
Karen Koons Evans.....	Columbus
Joel Lee Everly.....	Steubenville
James Louis Falter (cum laude).....	Huron
Martin Leonard Feldman.....	South Euclid
David John Fey.....	East Liverpool

* Two degrees

Carol Reid Fink.....	Newark
Martha Kay Fleming.....	Lafayette
Karen Ann Forry.....	Newark
Joy Ann Fox, B.A.....	Cleveland
Randall Lee Fox.....	Ashland
William Leonard Freeze.....	Hillsboro
Elisabeth Woodyard Fridley.....	Carroll
Judith Diana Friedman.....	Cincinnati
Rochelle Ann Friedman.....	Beachwood
Vicki Blum Friedman.....	Dayton
Mary Twining Frissora.....	Columbus
Michael Alan Frye.....	Crestline
Rosalind Joyce Gallogly.....	Mt. Vernon
Carol Ann Garber.....	Columbus
Tom Joseph Gauldin.....	Dayton
Judy Sue Geichman.....	Columbus
Janice Louise Glander.....	West Alexandria
Diana Dougan Goedeking.....	Gahanna
Donna Goodman Goodman.....	Toledo
Harriet Lynn Gottlieb.....	Lorain
Julianna Westcott Graney.....	Columbus
Constance Lynn Graska.....	Mansfield
Marvin Jack Gregory.....	Wilmington
Judy Goldberger Grossman.....	Lorain
Katherine Mitchell Guzay.....	Carrollton
Jane Ellen Hartley.....	Bryan
Anita Marie Hartsook.....	Galena
Claudia Benedict Haskins.....	Peninsula
Charles Howard Hawkins.....	Upper Sandusky
Joan Ellen Haysak.....	Parma
Charles Wilson Hemming.....	Columbus
Howard Ralph Henry.....	Columbus
Joyce Anne Henry.....	Columbus
Rita Mildred Herbst, B.A.....	Marion
Robert Arthur Hinkle.....	Galion
Richard Albert Hobart, B.Sc. in Agr.....	Juneau, Alaska
Jonda Shiveley Hocking.....	London
Raymond Gaylord Hoffmaster.....	Youngstown
Robert Michael Hook, B.A.....	Canton
James Herbert Hunt.....	Mansfield
Harry Joe Husak.....	Parma
Fredric Michael Hustey.....	Columbus
Beata Esther Huszar.....	Cleveland
Karen Isaacson Irion.....	East Cleveland
Robert Cox Johnson.....	East Liverpool
Carol Louise Jones.....	Newark
Margo Babb Jones (cum laude).....	Columbus
Cynthia Mee Jordan.....	Oxford
Sheryl Ellen Junkermann.....	Columbus
Nancy Brundrett Kantner.....	Wapakoneta
Michael Joseph Kirwin.....	Columbus
Carole Virginia Knapp, B.Mus.....	Columbus
Sarah Eleanore Kneale.....	Chesterland
Susan Carolyn Koll.....	Cleveland
Virginia Ann Koscec.....	Columbus
Cathie Ann Kramer.....	Ada

Barbara Ruth Krenitz.....Cleveland
 Barbara Ebner Kroeker (cum laude).....Fairborn
 Janet Marcia Krueger.....Cleveland
 Sharon Lee Krumm.....Canal Winchester
 Peggy Ruth Kucen.....Louisville, Ky.
 Anne Anderson Kuhlmann.....Columbus
 Frank Buddy Kurtz.....Brookfield
 Melinda Hawkins Lake.....Vienna, W.Va.
 Mary Jane Lee.....Columbus
 Carole Jackson Lemke.....Akron
 Stephen Anthony Levy, A.B. (Ohio University).....Columbus
 Edward Howard Lichtenberg.....Grafton
 Margaret Grier Livingston.....Buffalo, N. Y.
 Patricia Cleo Loy.....Bucyrus
 Cheryl Williams Lucks.....Columbus
 Mary Clara Mackey.....Lima
 Victoria Manley Marlow.....Newark
 Marsha May Marquardt.....Dayton
 Nancy Rehn McClintic.....Columbus
 Mary Sink McElhaney.....Columbus
 Nancy Greenwood McElhaney.....East Liverpool
 Pamela Sue Melragon.....Columbus
 Karen Lee Mercer.....Petersburg
 John Stanley Miller, Jr., A.B. (Oberlin College).....Poland
 Jack Ray Mills.....Marietta
 Joann Montgomery.....Springfield
 Jane Lemberger Morris (cum laude).....Worthington
 Janet Swanson Morris.....Columbus
 Lynn Shipman Morrow.....Columbus
 William Lavac Morrow.....Worthington
 Carol Elaine Mutti.....New Philadelphia
 Catherine Theresa Muzilla.....Lorain
 Elizabeth Ann Natoli.....North Madison
 Joda Campbell Naylor.....Washington C. H.
 Doreen Gail Neuhoff.....Cleveland
 Sheila Ann Newman.....River Forest, Ill.
 Arlene Marie Nichting.....Columbus
 Judith Elaine Oiler.....Nevada
 Rebecca Lane Orr.....Barberton
 Sharon Rose Palmere.....South Orange, N. J.
 Michael Anthony Palumbo.....Maple Heights
 David Leon Parish.....Columbus
 Barbara Rauh Pendleton (cum laude).....Columbus
 Thomas Charles Penfield.....Norwalk
 Mary Louise Perrus.....Aliquippa, Pa.
 Dianne Eileen Phillips.....Dayton
 Gene Mario Pierre.....Cleveland
 Barbara Burgess Piper.....Columbus
 Lynn Pitasky.....Trenton, N. J.
 Daniel John Porretta.....Clairton, Pa.
 Edward Neil Porter.....Delphos
 LaVerne Ruth Poruban.....Avon
 Catherine Lee Price.....Chardon
 Ellen Cox Pruitt, B.A. (Butler University).....Columbus
 Erma Shesler Rayle.....Fostoria
 Jerry Lee Redman.....Lima

Fred Jahn Reiner.....	Columbus
Rudolph Daniel Robinson.....	Columbus
Merle Lynn Rothenberg.....	Cleveland Heights
Joan Fackler Royer.....	Columbus
Donald Cornell Schafer.....	Perrysburg
*Marcella Elise Schilder.....	Chillicothe
Carol Anne Schlegel.....	Navarre
Robert Dale Schmidt.....	Marion
David William Schnelle.....	Spencerville
Linda Margaret Schurmann.....	Columbus
Kristen Shumaker Schwerin.....	Hilliard
Lois Elaine Semproch.....	Cleveland
Lida Melaragno Sethi, A.B. (Western Reserve University).....	Cleveland
Sharon Lee Sharp.....	Columbus
Michael Preston Shoemaker.....	Lucasville
Carol Dorothy Sikora.....	Cleveland
Sandra Jo Brown Smith.....	Columbus
Steven Edward Smith.....	Marion
Geraldine Needle Snyder.....	Columbus
Cynthia Diane Stark.....	Columbus
Mary Lee Strasser.....	Columbus
Mary Jane Vagnier Struble.....	Columbus
Virginia Ness Sweney, B.A. (cum laude).....	Columbus
Jeanne Lynn Tesi.....	Columbus
Dolores Jones Thomas.....	Warren
Isabelle Ann Timko (summa cum laude).....	Hubbard
Irene Koestel Trachevski.....	Dublin
Brenda Burge Tudor.....	Columbus
Ronald Frank Underwood.....	Columbus
Robert Anthony Vencil.....	Cleveland
Robert Frederick Voss, B.A.....	DeGraff
Suzanne Haren Wadsworth (cum laude).....	Greenville
Jeanne Archer Watkins.....	Columbus
Mary Louise Watson.....	Steubenville
Richard Clarence Weese.....	Columbus
Lesley Fawn Weisenberg.....	South Euclid
Sharon Lee Welch.....	Columbus
Kay Mowen Whitaker.....	Dayton
Dorothy Jane White.....	Lima
Eleanor Jane Whiteside.....	Kettering
Robert Eugene Wilkins.....	Elida
Donald Ralph Williams.....	Cleveland
Elizabeth Dunn Williams.....	Columbus
Carolyn Sue Wingfield.....	Milford Center
Susan Jeanette Winslow.....	Mentor
Cheryl Ann Witker.....	Lakeside
Raymond Wilfried Wolfe.....	Columbus
Linda Kay Wood.....	Gallipolis
William Guy Workman.....	Bay Village
Phoebe Beetham Wright.....	Columbus
Carol Rhoda Wyner.....	Cleveland
Melissa Blair Wyss.....	Delaware
William Art Yeager.....	Westerville
Susan Roberta Yeardley.....	New Lexington
Susann Louise Zimmerman.....	Oak Harbor
Connie Lee Zsambok.....	Medina

* Two degrees

(Two hundred and seventeen candidates)

Bachelor of Fine Arts

Darryl Francis Dziedzic.....	Toledo
Carole Ann Ford.....	Worthington
Ann Clifton Garver.....	Worthington
Lesley Sue Kirchner.....	Youngstown
Richard Joseph LoPresti.....	Shrewsbury, N. J.
Grant Arden McAllister.....	Newark
David Karl Parshall.....	Columbus
Carole Tullett Podwalny.....	Columbus
Carol Hook Richards.....	Springfield
James Ottis Roberts, Jr.....	Columbus
Sharon Lantz Schmidt.....	Columbus
Michael Hartman Swinger.....	Columbus
Malcolm Tarlofsky.....	Beachwood

(Thirteen candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

*James Lee Altstaetter..... Columbus Grove
Gary Richard Kohler..... Orrville

(Two candidates)

Bachelor of Chemical Engineering

James Allison Gosney..... Bridgeport
*Ralph Bernard Jutte, Jr..... Fort Recovery
Stephen Walter Marlow..... Zanesville
*Albert Richard Shuki, Jr. (cum laude)..... Bedford Heights

(Four candidates)

Bachelor of Civil Engineering

Paul Herbert Baumann..... Columbus
Paul Charles Bogner..... Mansfield
Richard John Christensen..... Olmsted Falls
Philip Lynn Flavin..... Lima
William David Garrett..... Galion
Paul William Reich..... Jerusalem
Allen Lee Rupp..... Wauseon

(Seven candidates)

Bachelor of Electrical Engineering

Charles Frederick Bartel, Jr..... Columbus
Dieter Ernst Baum..... Dayton
Dale Allen Castello..... Akron
Jeffrey Alan Dierker..... Columbus
Mardon Jeffrey Erbland..... Wooster
Rudolf Karl Getsinger..... Weirton, W. Va.
Robert Edson Howe..... Chippewa Lake
William Joseph Ickinger..... Chillicothe
Michael Joseph Jordan..... Springfield
Horace Clayton Kauffman, Jr..... Pittsburgh, Pa.
Roger Lee Miller..... West Alexandria
Joseph Andrew Misinec, Jr..... Jefferson
Roger Paul Molnar..... North Royalton
William Butterworth Montano..... Union City, Ind.
Donald Erwin Seely..... Columbus
Thomas Edward Shuster..... Munroe Falls
Robert Lewis Smallwood, Jr..... Pataskala
*Gary Edward Voelker..... Waverly
Terry Joseph Wiseman..... Mansfield

(Nineteen candidates)

Bachelor of Industrial Engineering

German Acosta..... Bogota, Colombia
Robert Frank Babich..... Lorain
*Larry Raymond Burner..... Columbus

* Two degrees

Dwight MacLaren Davis, Jr.....	Columbus
Thomas Michael Eschleman.....	Columbus
Glenn Allyn Hadlock.....	Rock Creek
Charles David Hanson.....	Elyria
Evan Lilygren, Jr.....	Westerville
Larry Robert McQuerrey.....	Columbus
John Gary Pierce.....	Trenton, Mich.
Jeffrey Alan Proudfoot.....	Euclid
James Calvert Rucker.....	Waverly
Roy LaVerne Samuelson.....	Findlay
James Thomas Thannum.....	Canton

(Fourteen candidates)

Bachelor of Mechanical Engineering

Robert Daniel Bero.....	Parma Heights
Peter Jesse Crusier.....	Lockport, N. Y.
James Lee Dapore.....	Versailles
Gary Joseph Kimmet.....	Delphos
John Russell Mumaw (summa cum laude).....	Dalton
Paul Robert Shutt.....	Sugarcreek
Thomas Lowell Stout.....	Gahanna
Thomas Kent Thompson.....	Springfield
Herbert Unhold.....	Parma
Michael Edward Winiasz.....	Lorain
Wesley Roy Worth.....	Wooster
Richard William Wuellner, Jr.....	Columbus

(Twelve candidates)

Bachelor of Metallurgical Engineering

Fred Andrew DeSaw.....	Columbus
Michael Armin Moraghan.....	Cleveland

(Two candidates)

Bachelor of Engineering in Mining

Robert Laurence Bradford.....	Grove City
James King Greenlee.....	St. Clairsville

(Two candidates)

Bachelor of Science in Physics

John William Blumberg.....	Cincinnati
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(One candidate)

Bachelor of Welding Engineering

Kenneth Edwin Frick.....	Cleveland Heights
John Arthur Stilwell, Jr.....	Columbus

(Two candidates)

College of Law

Dean: *Ivan C. Rutledge*

Juris Doctor

John Carl Fitzgibbons, B.A..... North Olmsted
Michael John Kucha, B.C.E., M.Sc..... Brooklyn

(Two candidates)

Bachelor of Laws

Claire Melvin Ball, B.B.A., M.B.A. (Ohio University)..... Athens
James Holland Bradner, Jr., B.A. (Bowdoin College, Maine).... Lakewood
Gladys Frances Burkhart, B.A. (Duquesne University)..... Crestline
Therll Willard Clagg, B.Sc. in Bus. Adm., M.B.A..... Bidwell
James Robert Ford, B.Sc. in Bus. Adm..... Huron
Jerry Grier, B.Sc. in Bus. Adm..... Columbus
Richard Zolton Jambor, B.Sc. in Edu..... Euclid
Hamlin Caldwell King, Jr., B.A..... Springfield
Timothy Joseph Nolan, B.B.A. (Ohio University)..... South Euclid
Ronald Alan Rappoport, B.A..... Youngstown
Ted Ward Rice, B.S. (Kent State University)..... Dayton
Donald Alan Richardson, B.B.A. (University of Pittsburgh) Pittsburgh, Pa.
Stanley Edward Saeks, A.B., M.B.A. (University of Michigan)..... Dayton
Daniel Michael Slane, B.Sc. in Bus. Adm..... East Paterson, N. J.
Robert Alan Steinberg, B.A..... East Liverpool
John Paul Tarlano, B.S. (University of Dayton) ; M.Sc..... Dayton
Andrew Stowell Wentworth, B.A. (Michigan State University)
Short Hills, N. J.

(Seventeen candidates)

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Services

Bachelor of Science in Medical Technology

Patricia Lee Nisonger.....Cincinnati
(One candidate)

Certificate of Graduate Medical Technologist

Carol Sue Blomstrom, A.B. (Miami University).....Akron
(One candidate)

Certificate of Nurse Anesthetist

Elizabeth Anne Visintine.....Huntingburg, Ind.
(One candidate)

Bachelor of Science in Occupational Therapy

Janet Claus Cosentino.....Chagrin Falls
Kathy Florence Franz.....Perrysburg
Jo Linda Hilliker.....Clinton, Pa.
Mary Tracy McLean.....Columbus
(Four candidates)

Bachelor of Science in Physical Therapy

Ronald Marvin Cahn.....Forest Hills, N. Y.
Timothy Kelly Seanlin.....Gahanna
(Two candidates)

School of Nursing

Bachelor of Science in Nursing

Katheryn Drotleff Balczianas.....Youngstown
Dianna Whaley Erbland.....Painesville
Sharon Sue Farley.....Canal Fulton
Lynn Marie Fisher.....Massillon
Carol Pritchard Graham.....Ashville
Dianne Clever Reese.....Croton
Mary Joyce Roberts.....Marion
Olivia Joan Scott.....Franklin, Ind.
Carolyn Elaine Senger.....Findlay
Nancy Lou Swan.....Elyria
(Ten candidates)

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

Columbus, Ohio, February 9, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, February 9, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy and Don M. Hilliker.

* * *

The Chairman introduced the new member of the Board of Trustees, Mr. Don M. Hilliker, Bellefontaine, Ohio, who was appointed by Governor James A. Rhodes, to succeed Mr. Alan B. Loop, for the term beginning May 14, 1966 and expiring May 13, 1975. Mr. Hilliker took office January 15, 1967, and his appointment was unanimously confirmed by the Ohio Senate on January 18, 1967.

* * *

Minutes of the last meeting were approved.

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February 9, 1967 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Master Plan

It is proposed that the official campus master plan adopted by the Board of Trustees in February, 1962, and subsequently amended on six occasions, be further modified in the following ways and for the reasons indicated:

1. Master plan studies by the Office of Campus Planning and the coordinating architects for the University College are substantially completed and the master plan can now show the locations of proposed buildings, streets and other major site improvements on that campus, as well as the necessary street connection between the present main campus and the proposed University College campus.
2. As the completion of the two dormitory towers southwest of the Stadium approaches, it is necessary to proceed with the moving of certain athletic facilities and activities to the area south of Buckeye Village, as proposed in the 1962 master plan. Minor modification in this part of the master plan now must be made to indicate the precise location of the new athletic facilities and the resulting modification of the proposed parking area to the south.

The changes in these two areas are shown on the accompanying map dated February 9, 1967, 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 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. France, seconded by Mr. Bricker, the above recommendation was approved by unanimous voice vote.

B. Establishment of the Department of Anthropology Within the College of Commerce and Administration

On January 10, 1967, the Faculty Council approved the recommendation by the Council on Academic Affairs that a Department of Anthropology be established within the College of Commerce and Administration, effective Summer Quarter, 1967.

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Department of Anthropology
Within the College of Commerce and Administration (continued)

This action is the result of a series of steps in the development of this discipline. Initial recognition was given to the field of Anthropology in 1953 when the Department of Sociology added that discipline and changed its name to include Anthropology. The historical relationship of these two disciplines in various institutions has usually been of a "trusteeship" character with the expectation that Anthropology would gain departmental autonomy. The growth of the area at The Ohio State University has now reached the point which seems to make this desirable. When compared with other departments, the enrollment of 4,000 during the current year places Anthropology in the middle of the range of departmental registrations. After full consideration within the Department of Sociology and Anthropology and also by the members of the Anthropology faculty, this proposal was approved by the faculties of the Department of Sociology and Anthropology as well as the College of Commerce and Administration.

President Fawcett recommended that the Board of Trustees authorize the establishment of a Department of Anthropology in the College of Commerce and Administration.

The Board of Trustees by unanimous vote approved the proposal that a separate Department of Anthropology be established effective Summer Quarter, 1967.

C. Change the Name of the Department of Engineering
Drawing to the Department of Engineering Graphics

The faculty of the College of Engineering has proposed that the name of the Department of Engineering Drawing be changed to the Department of Engineering Graphics.

The term "engineering drawing" no longer accurately describes the nature of the work of this Department. Approximately 30 per cent of the Department's content concerns itself with grapho-numerical and mathematical procedures while another 35 to 40 per cent is devoted to the area of descriptive geometry. The appropriate division of the American Society for Engineering Education changed its name and the name of its journal to "Engineering Graphics" several years ago.

The above proposal was endorsed by the Council on Academic Affairs and was approved by the Faculty Council on December 13, 1966.

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the Department of Engineering Drawing to the Department of Engineering Graphics, effective with the 1967-68 academic year beginning Summer Quarter, 1967.

The Board of Trustees by unanimous vote approved the change of the name of the Department of Engineering Drawing to the Department of Engineering Graphics, effective with the 1967-68 academic year beginning Summer Quarter, 1967.

February 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Change the Name of the Department of Classical Languages to the Department of Classics

On December 13, 1966, the Faculty Council approved the recommendation by the Council on Academic Affairs that the name of the Department of Classical Languages be changed to the Department of Classics.

The breadth of the interests and course offerings of the Department of Classical Languages suggest that a change in name would be appropriate. The program of the Department includes studies in various phases of ancient history, philosophy, archaeology and linguistics. The change of name would remove the peculiar designation of the large number and useful courses taught in English as courses in "Classical Languages."

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the Department of Classical Languages to the Department of Classics, effective with the 1967-68 academic year beginning Summer Quarter, 1967.

The Board of Trustees by unanimous vote approved the change of the name of the Department of Classical Languages to the Department of Classics, effective with the 1967-68 academic year beginning Summer Quarter, 1967.

E. Revision of Rules 11.1301, 11.1303, 13.0301, 29.2701, 29.2721, 29.2731, 35.05, 53.03, 53.0702, 54.05 and 54.07 of Rules for the University Faculty

On December 13, 1966, the Faculty Council approved a series of changes in Rules for the University Faculty which relate to administrative procedures in the Office of Student Relations. The changes, as recommended by Executive Dean John T. Bonner, Jr., with the concurrence of the appropriate University Councils and Committees, provide for: (1) clarification of procedures to be followed by the Committee on Academic Misconduct, (2) decentralization of jurisdiction of student disciplinary cases to the appropriate colleges, (3) higher academic standards for participation in student extra-curricular activities, (4) creation of a Student Judicial Board to coordinate all student tribunals, (5) increase student membership on the Ohio Union Activities Board from eight to nine, and (6) necessary corrective and editorial changes to effect the above.

The Faculty Council at its December meeting also approved an amendment to clarify the operating procedures of the Council on Academic Affairs (Rule 29.2731) as proposed by Vice President and Provost John E. Corbally, Jr.

February 9, 1967 meeting, Board of Trustees

L. GENERAL RECOMMENDATIONS (continued)

E. Revision of Rules 11.1301, 11.1303, 13.0301, 29.2701, 29.2721, 29.2731, 35.05, 53.03, 53.0702, 54.05 and 54.07 of Rules for the University Faculty (continued)

President Fawcett recommended that the above referred to revisions in the Rules for the University Faculty be adopted by the Board of Trustees and that the Secretary be instructed to formally correct and reprint the specific changes as they were adopted by the Faculty Council.

Upon motion of Mr. Bricker, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary was instructed to make such revisions in the Rules for the University Faculty.

F. Membership in Universities Research Association, Inc.

The Ohio State University has been elected to membership in Universities Research Association, Inc., an organization of major universities formed:

- (a) To constitute an entity in and by means of which universities and other research organizations may cooperate with one another, with the Government of the United States, and with other organizations, toward the support and use of laboratories, machines, and other research facilities, and toward the development of knowledge in the physical and biological sciences; and
- (b) To acquire, plan, construct, and operate machines, laboratories, and other facilities, under contract with the Government of the United States or otherwise, for research, development and education in the physical and biological sciences, including all aspects of the field of high energy physics, nuclear energy, and their engineering and other applications; and to educate and train technical, research and student personnel in said sciences.

President Fawcett recommended, with the concurrence of the President's Cabinet, that the Board of Trustees adopt the following resolution:

WHEREAS, The Ohio State University desires to participate in the work of Universities Research Association, Inc., as set forth in its Articles of Incorporation and Bylaws; and

WHEREAS, Universities Research Association, Inc. has extended to the University its invitation to become a member;

February 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Membership in Universities Research Association, Inc. (continued)

NOW, THEREFORE, BE IT RESOLVED, That The Ohio State University hereby accepts such invitation to become a member of Universities Research Association, Inc. , and that the President be and he hereby is authorized to deliver the acceptance of the University to Universities Research Association, Inc. and pay an initial assessment of \$5,000.00.

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

G. Authority to Transfer Lakeholm Farm Properties and Execute Deeds

President Fawcett recommended that the Board of Trustees adopt the following resolution which has been developed with the advice of the Special Counsel to the Attorney General of Ohio for The Ohio State University:

WHEREAS, at the meeting of October 12, 1966, the Board of Trustees approved the resolution authorizing the sale of "Non-productive Real Estate," listed in the University's Investment Portfolio as the 308.73 acre Lakeholm Farm which includes the guest house and other improvements thereon, but exclusive of the furnishings in the guest house.

WHEREAS, the approved sale price was \$292,000.00 and

WHEREAS, the Board of Trustees ratified the proposed action, in principal, upon payment of the sum stated and to such grantees as were designated by the Mount Vernon Area Chamber of Commerce for purposes of a county vocational school, a city high school, and a college, and

WHEREAS, the Mount Vernon Area Chamber of Commerce has designated as grantees of respective portions of the entire tract: (1) the Board of Education of Knox County, Joint Vocational School District, (2) the Board of Education, Mount Vernon City School District, and (3) Mount Vernon Nazarene College, a corporation not for profit of the State of Ohio.

THEREFORE, Be It Resolved that the Board of Trustees (acting pursuant to its general trust powers as contained in Section 3345.16, Revised Code) sell the parcel of land known as Lakeholm Farm to the above grantees for the aggregate purchase price of \$292,000.00.

I. GENERAL RECOMMENDATIONS (continued)

G. Authority to Transfer Lakeholm Farm Properties and Execute Deeds
(continued)

FURTHER RESOLVED, That Novice G. Fawcett, as President, and Gordon B. Carson, as Vice President, be and hereby are authorized, empowered and directed to execute and deliver respective deeds and do all other things necessary or desirable to complete such transaction.

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

H. Establishment of the "Bert W. Martin Chair in Agricultural Sciences"

President Fawcett indicated his great pleasure as he recommended that, in accord with previously announced intentions, the amount of \$292,000.00 received in the sale of the Lakeholm Farm properties, a major portion of which were given to the University by Mr. Bert W. Martin, be used for the purpose of establishing the "Bert W. Martin Chair in Agricultural Sciences." This "Named Chair" will be activated when the income from the principal deposited in the University Endowment Fund is of sufficient amount to fully underwrite the appointment to the faculty of a distinguished scholar who will enhance the teaching and/or research in any area of study directly related to the agricultural sciences and will remain in perpetuity on the campus of The Ohio State University. The Chair will be administered pursuant to the provisions for the establishment of "named chairs" approved on January 14, 1965, by the Board of Trustees.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the Board of Trustees by unanimous voice vote approved the establishment of the "Bert W. Martin Chair in Agricultural Sciences."

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 8, 1966 meeting of the Board as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotion, Appointments, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotion

Clarence R. Cole, now Regents Professor and Chairman of the Department of Veterinary Pathology, be promoted to Dean, College of Veterinary Medicine, and Regents Professor in the Department of Veterinary Pathology, effective July 1, 1967. Dr. Cole will serve 80 per cent time as Dean at an annual rate salary of \$22,572.00 and will serve as Regents Professor at an annual rate salary of \$5,100.00. This appointment is occasioned by the retirement under the rules of the Board of Trustees of Dean Walter R. Krill.

February 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments

Stuart Sherwood Roberts, Professor, Department of Surgery, effective March 1, 1967, at a salary of \$22,668.00 per annum. Dr. Roberts is appointed to fill "The Robert M. Zollinger Chair of Surgery."

Robert Dean Coddington, Professor, Department of Psychiatry, effective May 1, 1967, at a salary of \$22,968.00 per annum. He will hold an appointment as Professor in the Department of Pediatrics at "No Salary."

Paul S. Underwood, Associate Professor in the School of Journalism, and Consultant to the President and Office of University Relations on Press Relations, effective February 1, 1967, at a salary of \$18,768.00 per annum.

C. Leaves of Absence Without Salary

William G. Dewald, Associate Professor, Department of Economics, effective January 1, 1967 through June 30, 1967, to be a consultant to the Bank of Australia.

Martin Stevens, Associate Professor, Department of English, effective January 1, 1967 through March 31, 1967, to conduct research at the School of English, Leeds University, Leeds, England.

Harold D. McBurney, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective January 1, 1967 through March 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Bernard Edward McClellan, Instructor, Department of History, effective January 1, 1967 through March 31, 1967, for personal reasons.

Gretchen E. Robinson, Instructor (County Extension Agent, Home Economics) Union County, Cooperative Extension Service, effective February 16, 1967 through June 15, 1967, to participate in a program of professional improvement at Indiana University.

D. Emeritus Titles

James H. Warner, Cooperative Extension Service, with the title Associate Professor Emeritus (Extension Specialist, Animal Science), effective January 1, 1967.

February 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Lida Hays, Department of Physical Education - Women,
with the title Assistant Professor Emeritus, effective
February 1, 1967.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Promotion, Appointments, 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 September 5, 1950, 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. Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #13 - Department of Speech).
Gross Value - \$19,795.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218 - Ext. #6 - Institute of Nutrition and Food Technology).
Gross Value - \$23,982.00.
- a3. 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 - Mod. #5 - Department of Chemistry).
Gross Value - \$41,850.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #2, Ext. #3 to Ext. #4 - Division of Biophysics).
Gross Value - \$28,244.00.

February 9, 1967 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)

- a5. Agency for International Development, Washington, D. C., Analysis of Programs for the Development and Improvement of Agricultural Credit Institutions and Services (to be known as Agency for International Development Project No. 1865 - Amend. #3 - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$285,489.00.
- a6. Headquarters, 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 - Ext. #2 - Department of Sociology and Anthropology).
Gross Value - \$46,996.00.
- a7. 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 - Mod. #2 - Department of Metallurgical Engineering).
Gross Value - \$26,685.00.
- a8. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research in Low Temperature Thermal Expansion of Wurtzite-Phases of II B - VI B Compounds (to be known as Systems Engineering Group, Research and Technology Division Project No. 1982 - Sup. #2 - Department of Mineralogy).
Gross Value - \$16,010.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Human Response to Alaskan Earthquake (to be known as National Institutes of Health Project No. 2053 - Ext. #1 - Department of Sociology and Anthropology).
Gross Value - \$10,802.00.
- a10. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #1 - Department of Physics).
Gross Value - \$275,000.00.
- a11. Electronic Systems Division, Bedford, Massachusetts, Research Into the Earth's Gravity Field and the Determination of Geodetic Parameters Dependent on Gravity (to be known as Electronic Systems Division Project No. 2122 - Mod. #2 - Department of Geodetic Science).
Gross Value - \$87,981.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a12. National Science Foundation, Washington, D. C., Phylogeny of Pentamerinids and Evaluation of the Morphological Types as Zonal Markers (to be known as National Science Foundation Project No. 2127 - Amend. #1 - Department of Geology).
Gross Value - \$2,100.00.
- a13. Air Force Office of Scientific Research, Arlington, Virginia, Formation of Moving and Stationary Detonation Waves in Flowing Combustible Mixtures (to be known as Air Force Office of Scientific Research Project No. 2153 - Ext. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$44,059.00.
- a14. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi-Phase Ternary Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - Sup. #3 - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.
- a15. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research, Development and Teaching of Weapon Systems Management for the DWSMC, AFIT (to be known as Air Force Institute of Technology Project No. 2278 - Sup. #2 - Defense Management Center, College of Commerce and Administration, Continuing Education).
Gross Value - \$30,000.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Low Profile Antenna (to be known as Systems Engineering Group, Research and Technology Division Project No. 2341 - New - Department of Electrical Engineering).
Gross Value - \$35,000.00.
- a17. National Science Foundation, Washington, D. C., Spectrophotometry of Planetary Nebulae (to be known as National Science Foundation Project No. 2344 - New - Department of Astronomy).
Gross Value - \$15,400.00.
- a18. Headquarters, Aeronautical and Information Center, United States Air Force, St. Louis, Missouri, Collection and Reduction of Gravity Data (to be known as Aeronautical and Information Center Project No. 2353 - New - Department of Geodetic Science).
Gross Value - \$46,970.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a19. National Science Foundation, Washington, D. C. , Petrologic and Chemical Examination of Paleozoic-Mesozoic Strata of the Central Transantarctic Mountains (to be known as National Science Foundation Project No. 2354 - New - Institute of Polar Studies).
Gross Value - \$7,900.00.
- a20. Department of Health, Education and Welfare, 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 - New - Department of Medical Microbiology).
Gross Value - \$60,483.00.
- a21. U. S. Army Engineer, Research and Development Laboratories, Fort Belvoir, Virginia, Study of Different Levels of Visual Information Extraction at Low Light Levels (to be known as U. S. Army Engineer, Research and Development Laboratories Project No. 2357 - New - Institute for Research in Vision).
Gross Value - \$27,549.00.
- a22. Rome Air Development Center, Griffiss Air Force Base, New York, High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 2358 - New - Department of Electrical Engineering).
Gross Value - \$250,000.00.
- a23. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Interaction of Coherent Radiation in an Optical Device (to be known as Systems Engineering Group, Research and Technology Division Project No. 2359 - New - Department of Electrical Engineering).
Gross Value - \$132,336.00.
- a24. 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 - New - School of Education).
Gross Value - \$169,020.00.
- a25. 2750th Air Base Wing, EWPB, Wright-Patterson Air Force Base, Ohio, Medically Oriented Laser Short Course (to be known as 2750th Air Base Wing Project No. 2363 - New - Department of Electrical Engineering).
Gross Value - \$5,987.00.

February 9, 1967 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. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Utilization of the Point Matching Technique for Structural Shell Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2364 - New - Department of Engineering Mechanics).
Gross Value - \$20,000.00.
- a27. U. S. Army Aviation Materiel Laboratories, Ft. Eustis, Virginia, Preliminary Study of Helicopter Roter Boundary Layers (to be known as U. S. Army Aviation Materiel Laboratories Project No. 2365 - New - Department of Mechanical Engineering).
Gross Value - \$49,548.00.
- a28. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Proposal to Continue the Study of the Convective Heat Transfer and Curvature of an Electric Arc in Cross Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 2366 - New - Department of Mechanical Engineering).
Gross Value - \$15,000.00.

TOTAL - Government Contracts - Federal \$1,789,186.00

2. Industrial and Other Contracts

- a1. The Deafness Research Foundation, New York, New York, Human Temporal Bone Pathology (to be known as The Deafness Research Foundation Project No. 1953 - Ext. #2 - Department of Otolaryngology).
Gross Value - \$6,875.00.
- a2. General Electric Company, Cincinnati, Ohio, A Fatigue Investigation of Incovel Tubing (to be known as General Electric Company Project No. 2335 - Amend. #1 - Department of Mechanical Engineering).
Gross Value - \$3,363.00.
- a3. Modern Language Association of America, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338 - New - Department of English).
Gross Value - \$24,902.00.

TOTAL - Industrial and Other Contracts \$35,140.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

The foregoing thirty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,824,326.00.

Upon motion of Mr. Bricker, seconded by Mr. Jones, 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 November 23, 1966 through January 23, 1967, 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 220X Ext. #6 Ext. #7	Development of Sonic and Ultrasonic Power Devices for Application in Highway Engineering, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$177,000.00.
EES 292X	Measurement of Mechanical Stresses Using Piezo Electric Crystals, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$23,000.00.
EES 293X	Continuation and Completion of Research Project DR-6669, "Stripping in Hot Mix Sand-Asphalt Mixtures," The University of Florida, Gainesville, Florida. Gross Value - \$12,800.00.
SC 57 Ext. #3	An Indoctrination Course for Engineering Students to be Employed by the Ohio Department of Highways During University Vacation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$7,680.00.
SC 63	Instructor Training for Water and Waste Water Operators, Operator Training Committee of Ohio, Inc., Columbus, Ohio. Gross Value - \$7,188.00.

TOTAL - Government Research Contracts \$227,668.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contracts

EES 291X	Sonic Riveting of Aluminum Alloys, The Boeing Company, Commercial Airplane Division, Renton, Washington. Gross Value - \$80,964.00.
EES 294X	Exploratory Research on Feasibility of 10 kc Sonic Hand Tools, Black and Decker Manufacturing Company, Towson, Maryland. Gross Value - \$8,099.00.
EES 295X	Feasibility Study on the Production of Refractories by Hydrostatic Forming, National Forge Company, Irvine, Pennsylvania. Gross Value - \$7,800.00.

TOTAL - Industrial Research Contracts \$96,863.00

The foregoing eight contracts for research in the Engineering Experiment Station represent a gross income of \$324,531.00.

C. Memorandum of Agreement Between The Ohio State University
and the State of Ohio, Department of Health

As reported to the Board of Trustees in a memorandum dated December 14, 1966, upon the request of the Director of the Ohio Department of Health, an Agreement has been executed whereby The Ohio State University will provide patient-care for patients having a diagnosis of tuberculosis and admitted by the Director of Health to the University Hospital and housed in the Ohio Tuberculosis Hospital, effective January 1, 1967.

The said Agreement was developed with the advice and counsel of the Attorney General of Ohio, is subject to Sections 3701.60 to 3701.65, inclusive, of the Ohio Revised Code and supersedes the agreements between The Ohio State University and the Ohio Department of Health dated November 10, 1947 and December 6, 1951.

Pursuant to the terms of the Agreement, the Ohio Tuberculosis Hospital will be operated as an agency of the College of Medicine using the same procedures through which the College administers the University Hospital.

The Medical Superintendent of the Ohio Tuberculosis Hospital will be appointed by the Director of Health and report to the Director of Health on administrative matters. The administration of the Ohio Tuberculosis Hospital building and services will be handled by the Administrator of University Hospitals and his several staff associates. This will include not only the day-to-day operation, but budgetary and fiscal matters, building

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

and other activities. Admissions shall be limited by the admission policies of the Director of Health so that the cost of providing care does not exceed the budget of the Department for the operation of the Hospital.

The College of Medicine may use available facilities of the Ohio Tuberculosis Hospital to continue research and educational programs and to institute new and more intensive programs provided such programs do not interfere with providing adequate care and treatment of tuberculosis patients.

President Fawcett recommended that the Board of Trustees ratify the above referred to Agreement which has been executed and approved by the Attorney General of the State of Ohio.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above referred to Agreement between The Ohio State University and the Ohio Department of Health providing for the operation of the Ohio Tuberculosis Hospital was approved by unanimous voice vote, and the Secretary was instructed to file the Agreement with the official records of the Board of Trustees.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since December 8, 1966, 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. \$93,700.00 granted by National Science Foundation, Washington, D. C., to the University for a "Summer Institute in Mathematics for Secondary School Teachers," under the direction of Professor John Riner, Department of Mathematics. This grant terminates on September 30, 1967. (GW-1199)
2. \$57,860.00 granted by National Science Foundation, Washington, D. C., to the University for a "Summer Institute in Science for Secondary School Teachers," under the direction of Professor Fred R. Schlessinger, School of Education. This grant terminates on September 30, 1967. (GW-1631)
3. \$42,200.00 granted by National Science Foundation, Washington, D. C., to the University for a "Summer Institute in Geology and the Nature of Science for Secondary School Teachers," under the direction of Professor Edmund M. Spieker, Department of Geology. This grant terminates on September 30, 1967. (GW-1601)

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$30,410.00 granted by National Science Foundation, Washington, D. C., to the University for a "Secondary Science Training Program," under the direction of Professor Arnold E. Ross, Department of Mathematics. This grant terminates on September 30, 1967. (GW-1879)
5. \$16,680.00 granted by National Science Foundation, Washington, D. C., to the University for support of a project entitled "Undergraduate Research Participation," under the direction of Professor Robert J. Ouellette, Department of Chemistry. This grant terminates on September 30, 1967. (GY-2808)
6. \$16,200.00 granted by National Science Foundation, Washington, D. C., to the University for support of a project entitled "Undergraduate Research Participation," under the direction of Professor Louis Malspeis, College of Pharmacy. This grant terminates on July 31, 1968. (GY-2623)
7. \$15,895.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for support of a Research Career Development Award entitled "Identification of Gastrin-Producing Cell," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period January 1, 1967 through December 31, 1967. (Grant No. 5-K3-CA-31, 237-02)
8. \$12,927.00 additional grant from Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1966 through August 31, 1967. (Grant No. VRA 222-T-67, Amendment No. 1)
9. \$12,355.00 granted by National Science Foundation, Washington, D. C., to the University for a "Secondary Science Training Program," under the direction of Professor Paul T. Yarrington, College of Engineering. This grant terminates on September 30, 1967. (GW-1791)
10. \$12,000.00 granted by U. S. Atomic Energy Commission, Washington, D. C. 20545, to the University for purchase of equipment in the College of Pharmacy. (Grant No. BM 12-1-67)
11. \$8,105.00 granted by U. S. Atomic Energy Commission, Washington, D. C. 20545, to the University for purchase of equipment in the Division of Nuclear Science and Engineering. (Grant No. NSE 30-1-67)

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. \$3,674.00 granted by U. S. Atomic Energy Commission, Washington, D. C. 20545, to the University for purchase of equipment in the Department of Physics. (Grant No. NSE 31-1-67)

TOTAL - Through the Office of Business and Finance \$322,006.00

B. Received Through the Development Fund

1. \$400,000.00 from "The Andersons" (Donald E. Anderson, Harold Anderson, John D. Anderson, Richard P. Anderson, Robert J. Anderson, Thomas H. Anderson and Paul M. Kraus), Maumee, Ohio, to be added to The Andersons Agricultural Research Fund.
2. \$25,000.00 from E. I. du Pont de Nemours & Co. for grants-in-aid during 1967 for use of the Departments of Chemistry, Metallurgical Engineering and Chemical Engineering.
3. \$20,150.00 from General Motors Corporation, Detroit, Michigan, for scholarships.
4. \$14,165.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
5. \$13,500.00 from The Richardson Foundation, Inc., Greensboro, North Carolina, for the Division of Research in the College of Commerce and Administration.
6. \$7,600.00 from The Upjohn Company, Kalamazoo, Michigan, for the Endocrine Research Fund.
7. \$5,750.00 from Dr. Joseph Kohn, Warren, Ohio, for the Joseph W. Kohn Fund in the College of Medicine.
8. \$5,085.81 from friends and associates of Dr. Delbert Oberteuffer for the establishment of The Oberteuffer Fund.

The Oberteuffer Fund

The Oberteuffer Fund was established December 6, 1966, by gifts through the Development Fund, made in honor of Dr. Delbert Oberteuffer at the time of his retirement from the Department of Physical Education.

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 aid and assistance to undergraduate and graduate professional students of the Department of Physical Education as provided in the stipulations governing the use of said income on file

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

8. The Oberteuffer Fund (continued)

in the office of the Development Fund and in the offices of the Department Chairman of Physical Education and the Department Chairman of Graduate Studies.

After 10 years from date the Committee in charge of this Fund shall review the purposes it has served and may alter the purposes of the Fund, with the agreement of Dr. and Mrs. Oberteuffer, if either or both survive. It is suggested that such a review be made every five years thereafter.

9. \$5,000.00 from the Trust under the Will of Lulu Isabelle Sager for the establishment of the Lulu Isabelle Sager Research Fund for Parkinson's Disease.

Lulu Isabelle Sager Research Fund for Parkinson's Disease

The Lulu Isabelle Sager Research Fund for Parkinson's Disease was established December 19, 1966, by a bequest from Lulu Isabelle Sager.

Principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

Income and/or principal is to be used for research concerning the cause and cure of Parkinson's Disease.

10. \$5,000.00 from John J. Fahey, M. D., Chicago, Illinois, for the John J. Fahey Fund.
11. \$5,000.00 from Bristol Laboratories for the Bristol Laboratory Fund in Medical Microbiology.
12. \$5,000.00 from Charles Pfizer and Company, Inc., New York City, for the Infectious Disease Research Fund.
13. \$5,000.00 from Mead Johnson & Company, Evansville, Indiana, for the Mead Johnson Pharmaceutical Fund.
14. \$5,000.00 from Standard Oil Foundation, Inc., Chicago, Illinois-- \$3,000.00 for the Distinguished Teaching Award Program and \$2,000.00 for the University's discretionary fund under supervision of the President.
15. \$5,000.00 from Rabbi and Mrs. Morris Silverman to be added to the Rabbi Morris Silverman Research Scholarship Fund.
16. \$5,000.00 from Smith, Kline & French Foundation, Philadelphia, Pennsylvania, for research in Medical Microbiology.

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$4,500.00 from Owens-Illinois, Inc. for the Owens-Illinois Fellowship in Ceramic Engineering.
18. \$4,000.00 from Dr. Bertram D. Thomas as an undesignated gift to the University.
19. \$4,000.00 from Walter English--\$3,000.00 to be added to the Novice G. Fawcett Professorship in Educational Administration and \$1,000.00 for the University's Unrestricted Endowment.
20. \$4,000.00 from The Glen Alden Foundation, New York City; The McCrory Foundation, Inc., New York City; The RKO Foundation, New York City; and Meshulam Riklis, New York City; for the establishment of the Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration.

Mr. and Mrs. M. Riklis Fund for Study and Research
in Business Administration

The Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration was established December 30, 1966, by a gift through the Development Fund from The Glen Alden Foundation, The McCrory Foundation, Inc., The RKO Foundation and Meshulam Riklis, B. A. '50, M. B. A. '66.

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.

The income is to be used, as often as income will permit, for a Fund to facilitate and encourage study and research by graduate students and/or faculty members in the area of Business Administration. The Fund is to be administered by a committee consisting of the Dean of the College of Commerce and Administration, the Chairman of the Department of Business Organization and a senior faculty member of the Department of Business Organization to be chosen from time to time by the Dean and the Department Chairman.

In the event that the Department of Business Organization or the College of Commerce and Administration as they now exist shall be altered in any reorganization of the University, colleges, schools and departments, the Board of Trustees of the University shall direct the use of the income for purposes within the area of Business Administration as recommended by the appropriate administrative officials of the University then directly responsible for the teaching of and research in Business Administration, now comprised in the Department of Business Organization at The Ohio State University.

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. \$3,812.00 from Cyril and Roberta Porthouse--\$1,812.00 for the Student Athlete Grant-in-Aid Fund and \$2,000.00 for the Porthouse Foundation Fund for Chemical Engineering.
22. \$3,500.00 from Nationwide Foundation, Columbus, Ohio, for the Nationwide Fellowship Fund in Industrial Engineering.
23. \$3,114.56 from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
24. \$3,000.00 from Irene D. Hirsch for the Walter Reckless Canada and Puerto Rico Research Fund.
25. \$3,000.00 from Thomas F. Patton--\$2,000.00 for the Novice G. Fawcett Professorship in Educational Administration and \$1,000.00 for the Thomas F. Patton Fund for College of Law.
26. \$3,000.00 from E. I. du Pont de Nemours & Co., Inc. for the du Pont Postgraduate Teaching Assistantship in Chemistry.
27. \$2,860.00 from Oscar E. Carlin for the Oscar E., Florence P., David P. and Philip E. Carlin Scholarship Fund.
28. \$2,860.00 from Florence Poston Carlin for the Oscar E., Florence P., David P. and Philip E. Carlin Scholarship Fund.
29. \$2,500.00 from Corning Glass Works, Corning, New York, for a fellowship in Ceramic Engineering.
30. \$2,206.13 in securities from Robert E. Goodsell for the establishment of the Ronald DeCourcy Goodsell Memorial Fund.

Ronald DeCourcy Goodsell Memorial Fund

The Ronald DeCourcy Goodsell Memorial Fund was established December 29, 1966, by a gift through the Development Fund from Robert E. Goodsell, Arts W'24, in memory of his brother, Ronald DeCourcy Goodsell, B.Sc. in Phar. '28.

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 expended on order of the Board of Trustees of The Ohio State University upon recommendation of the Board of Directors of The Ohio State University Development Fund.

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

31. \$2,152.78 from friends and associates of Dr. John W. Wilce for the establishment of the John W. Wilce Memorial Fund.

John W. Wilce Memorial Fund

The John W. Wilce Memorial Fund was established December 27, 1966, by gifts through the Development Fund given in memory of John W. Wilce, M.D. '19.

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 heart research.

In the event the need for such research ceases to exist or so diminishes as to create unused income, then the Board of Trustees of The Ohio State University may direct the use of said income in its discretion.

32. \$2,145.83 from Jacob E. Davis for the Jacob E. Davis Fund for the College of Law.
33. \$2,000.00 from Edwin J. Will for the Presidents Club account undesignated.
34. \$2,000.00 from George W. Byers, Sr. to the University to be deposited in the University's Unrestricted Endowment.
35. \$1,500.00 from Donald C. Power to be added to the Donald C. Power Fund for the College of Law.
36. \$1,340.00 from Bell Telephone Laboratories, Holmdel, New Jersey, for the Department of Electrical Engineering Library Fund.
37. \$1,207.58 from Dr. Kenneth M. Clemons for the College of Dentistry Named Professorship Fund.
38. \$1,050.00 from Harland T. Martin--\$550.00 for the Department of Animal Science and \$500.00 for the Agricultural Education Scholarship Fund.
39. \$1,046.35 from Alan B. Loop for the College of Law Student Financial Aids Fund.
40. \$1,028.07 from the Estate of Sarah E. Powell for the Sarah E. Powell Memorial Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

41. \$1,000.00 from Raymond Q. Armington, Cleveland, Ohio, for the Raymond Q. Armington Fund for Engineering.
42. \$1,000.00 from Dr. Joseph L. Bitonte, Columbus, Ohio--\$900.00 for the Operation Eye Research Fund and \$100.00 for the Bitonte Dental Study Loan Fund.
43. \$1,000.00 from Mrs. A. B. (Dolly) Cohen for support of a series of educational television programs on a local commercial television station with a scholarship to The Ohio State University for winning scholars.
44. \$1,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
45. \$1,000.00 from William H. Havener, M. D., for the Ophthalmology Teaching Fund.
46. \$1,000.00 from Dr. James R. Hull--\$500.00 for the Novice G. Fawcett Professorship in Educational Administration and \$500.00 for the James R. Hull Fund.
47. \$1,000.00 from friends of Robert H. Kepler and Gertrude M. Kepler for the establishment of the Robert H. and Gertrude M. Kepler Scholarship Fund.

Robert H. and Gertrude M. Kepler Scholarship Fund

The Robert H. and Gertrude M. Kepler Scholarship Fund was established December 22, 1966, by a gift through the Development Fund from friends of Robert H. Kepler, B.Sc. in Bus. Adm. '39, and Gertrude M. Kepler, W'37, in their honor.

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 to provide scholarships for qualified students at the University who are members of the Freshman or Varsity Golf squads.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income, then said income may be used as determined by the Board of Trustees of The Ohio State University, first preference to be given to items in the area of inter-collegiate or intramural golf.

48. \$1,000.00 from Forrest G. Ketner for the Forrest G. Ketner Scholarship Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

- 49. \$1,000.00 from Howard E. LeFevre for the Howard E. and Catharine Bonner LeFevre Scholarship Fund.
- 50. \$1,000.00 from Dr. Ralph S. Lickliger to be added to the Ralph S. Lickliger Family Fund.
- 51. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
- 52. \$1,000.00 from Mary McGaughery Love for the Charles A. Doan Fund.
- 53. \$1,000.00 from Carl B. Marquand, Baltimore, Maryland, for the Carl B. Marquand Fund for Continuing Education Center.
- 54. \$1,000.00 from Dr. Wendell D. Postle for the establishment of the Odontos Fund.

Odontos Fund

The Odontos Fund was established December 20, 1966, by a gift through the Development Fund from Dr. Wendell D. Postle, D. D. S. '23, formerly Dean of the College of Dentistry. 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 by Odontos, the College of Dentistry year-book.

In case the need for the use of income for Odontos or any supplemental College of Dentistry yearbook should cease to exist or so diminish as to create unused income, then the income may be used for any purpose within the field of Dentistry, as recommended by the appropriate administrative official of the University then directly responsible for dental education at The Ohio State University.

- 55. \$1,000.00 from Jack S. Resler for the John B. Fullen Scholarship Fund.
- 56. \$1,000.00 from Herbert H. Schiff for the Shoe Corporation of America Student Loan Fund.
- 57. \$1,000.00 from Alex Schoenbaum for the Alex Schoenbaum Fund.
- 58. \$1,000.00 from Margaret Kaufman Spain (Mrs. John W.) for the Operation Eye Research Fund.
- 59. \$1,000.00 from Frederick Stecker for the Presidents Club account undesignated.

TOTAL - Received Through the Development Fund \$612,074.11

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. Twenty-four Brussels lace napkins, blue sari and scarf, pink sari and scarf and gold sari and scarf from Mrs. Harvey S. Firestone, Jr. to be added to the Firestone collection in the School of Home Economics.
2. Fifty Waterman Industrial and Television Pocket Scopes from the National Cash Register Co. for use in the Departments of Physics and Electrical Engineering.

The Board of Trustees by unanimous vote approved the acceptance of the above grants and gifts, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Establishment of a New Fund from a Previously Reported Gift

President Fawcett reported the establishment of the Adolph Golden Memorial Fund from a gift previously reported.

1. The Adolph Golden Memorial Fund was established December 20, 1966, by a bequest from Adolph Golden in the amount of \$5,000.00 as reported to the Board of Trustees on November 10, 1966.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

Principal and/or income is to be used as the Board of Trustees of The Ohio State University shall determine for cancer and heart research.

E. Report from The Ohio State University Development Fund

1. Month of November, 1966

In November, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,694	\$ 51,970.03
Individuals other than alumni	84	2,679.25
Nonprofit organizations	22	39,378.41
Business concerns	17	51,243.11
	<u>1,817</u>	<u>\$ 145,270.80</u>

Of these gifts, 1,399 totaling \$14,226.79 were undesignated and 418 totaling \$131,044.01 were designated.

February 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund (continued)

2. Month of December, 1966

In December, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,910	\$ 125,476.36
Individuals other than alumni	60	7,978.12
Nonprofit organizations	20	43,949.29
Business concerns	<u>19</u>	<u>434,639.30</u>
	3,009	\$ 612,043.07

Of these gifts, 2,187 totaling \$19,682.00 were undesignated and 822 totaling \$592,360.98 were designated.

3. Annual Report 1966

The totals for the calendar year 1966, January 1 to December 31, inclusive, are as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	31,129	\$ 762,235.67
Individuals other than alumni	1,399	68,144.80
Nonprofit organizations	396	1,051,238.80
Business concerns	<u>245</u>	<u>979,152.33</u>
	33,169	\$2,860,771.60

Of these gifts, 25,760 totaling \$215,803.26 were undesignated and 7,409 totaling \$2,644,968.34 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. University Centennial Celebration

President Fawcett recommended with the concurrence of the President's Cabinet and the University Centennial Committee, chaired by Dr. Alfred B. Garrett, that the funding necessary for planning and implementation of the Centennial program be from the Clara Ihrig Linhardt Memorial Fund, in accord with the provisions of the bequest which established said Fund and subject to the approval of the President.

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

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February 9, 1967 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra and Credit Orders to Contracts and Extensions of Time for Completion of Contracts as listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Parking Ramp - Arps Hall Site	\$ 2,260.75
2. Lima Campus, General Academic Facility	1,151.50
3. McCracken Power Plant Extension to Condenser Lines	<u>6,203.00</u>
	<u>\$ 9,615.25</u>

B. Credit Orders to Contracts

1. Lima Campus, General Academic Facility	<u>\$14,013.00</u>
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C. Extensions of Time for Completion of Contracts

1. Research Laboratory - Repairs and Improvements
From October 7, 1966 to December 15, 1966
2. Hughes Hall Auditorium - Repairs to Lighting
From December 23, 1966 to February 1, 1967
3. McCracken Power Plant Extension to Condenser Lines
From December 9, 1966 to February 28, 1967
4. Repairs to Sisson Hall
From August 15, 1966 to January 15, 1967

Upon motion of Mr. Jones, seconded by Mr. France, the above recommendation was approved 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. Goss Laboratory - Manifold System Remodeling

This project involves upgrading the present germ-free supply air manifold systems to provide for increased total capacity, improvements in system reliability and a complete standby air-supply system in case of equipment failure.

Funds will be provided from Budget Account 121658.

VII. PLANS AND SPECIFICATIONS (continued)

B. French Field House - Exterior Wall Repair

This project includes sandblasting the exterior walls, removing all rust spots in the concrete block, pointing all holes and joints, caulking openings and the provision of two coats of Thoroseal to waterproof exterior walls.

Funds will be provided from Budget Account 121658.

C. Student Center - Wright State Campus

This project will provide a student activity center with space for student activities and recreation, dining and bookstore.

Funds for this project will be provided from Budget Account 801017.

D. Laundry, Phase II

This project will complete the building and provide all fixed equipment.

Funds for this project will be provided from Budget Account 801059.

Upon motion of Mr. France, seconded by Mr. Jones, 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 contracts were recommended for award. The action reported to the Board was as follows:

A. Dentistry Building - Floor Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 11-25-66)		
B & T Carpet & Linoleum Company (Columbus)	\$ 14,153.00	\$ 20,000.00

Funds for this project will be provided from Budget Account 121658.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant Electric Utility Tie #2

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 12-6-66)		
Gustav-Hirsch Organization (Columbus)	\$ 13,995.00	\$ 40,000.00

Funds for this project will be provided from Budget Account 801079.

C. McCracken Power Plant - Replacement of Emergency Lighting System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 12-13-66)		
Electric Power & Equipment Co. (Columbus)	\$ 42,207.00	\$ 51,000.00

Funds for this project will be provided from Budget Account 801107.

D. Wall Maintenance - University Buildings

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 12-29-66)		
Harold F. Mollenauer Co. (Columbus)	\$ 81,548.00	\$ 152,600.00

Funds for this project will be provided from Budget Account 121658.

E. Medical Basic Science Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-1-67)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$4,067,000.00	\$ 5,600,000.00
Alt. G-1 Terrazzo in Lieu of Vinyl Asbestos	<u>19,000.00</u>	<u>22,000.00</u>
Total General Contract	<u>\$4,086,000.00</u>	<u>\$ 5,622,000.00</u>

<u>Plumbing Contract</u>		
(4 bids received 2-1-67)		
Sauer, Inc. (Pittsburgh, Pa.)		
Base Bid	\$ 780,000.00	\$ 900,000.00
Alt. P-3 Vacuum Cleaning	<u>30,000.00</u>	<u>30,000.00</u>
Total Plumbing Contract	<u>\$ 810,000.00</u>	<u>\$ 930,000.00</u>

February 9, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. Medical Basic Science Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air Conditioning</u>		
<u>Contract</u>		
(3 bids received 2-1-67)		
The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$1,568,200.00	\$ 2,050,000.00
Alt. H-1 Temperature Control	<u>51,540.00</u>	<u>35,000.00</u>
Total Heating, Ventilating and Air Conditioning Contract	<u>\$1,619,740.00</u>	<u>\$ 2,085,000.00</u>
 <u>Electrical Contract</u>		
(5 bids received 2-1-67)		
States Electric Co., Inc. (Columbus)		
Base Bid	\$ 843,300.00	\$ 1,200,000.00
Alt. E-1 Circuit Identification	350.00	2,500.00
Alt. E-2 Vacuum Cleaning Systems	1,560.00	1,000.00
Alt. E-4 Holophane Lens	<u>50,500.00</u>	<u>(No change)</u>
Total Electrical Contract	<u>\$ 895,710.00</u>	<u>\$ 1,203,500.00</u>
 <u>Laboratory Case Work</u>		
(5 bids received 2-1-67)		
Hamilton Manufacturing Co.		
(Two Rivers, Wisconsin)		
Base Bid	\$ 557,000.00	\$ 750,000.00
Alt. LC Corrocast in Lieu of "Hamilite"	<u>21,500.00</u>	<u>13,000.00</u>
Total Laboratory Case Work Contract	<u>\$ 578,500.00</u>	<u>\$ 763,000.00</u>
 <u>Total All Contracts</u>	 <u>\$7,989,950.00</u>	 <u>\$10,603,500.00</u>

Funds for this project are provided from Item 315-043, H. B. 202, and a Public Health Service Grant.

F. Newark Campus

Bids will be received for this project on February 9, 1967, at 2:00 p.m. If satisfactory bids are received for this project, it was requested that the Vice President for Business and Finance be authorized to proceed with the award of contracts and present any action thereby taken on this project to the Board of Trustees at the meeting to be held on March 9 for ratification.

Upon motion of Mr. Jones, seconded by Mr. Bricker, 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 purposes:

A. Requests Submitted by the Ohio Board of Regents

- 13 Authorizes the transfer and release of \$1,700,000.00 from Item 235-006 University Branches to Item 315-038 Marion Branch to provide funds for the construction of this facility.
- 14 Authorizes the transfer and release of \$7,370.00 from Item 235-006 University Branches to Item 315-037 General (University) College to provide funds for extending the cable for the Listening Center from River Dormitories to the location for the General (University) College.
- 23 Authorizes the transfer and release of \$4,600.00 from Item 235-006 University Branches to Item 315-037 General (University) College to provide additional planning funds for this project.

B. Requests Submitted by The Ohio State University

- 14 Authorizes the transfer and release of \$70,000.00 from Item 315-016 Medical Complex to Item 315-041 School of Nursing to provide funds for instructional TV equipment for the School of Nursing.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineers - Golf Course Club House

President Fawcett recommended that the engineering firm of Ralph & Curl 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 and estimate of cost and field supervision of construction as required.

The fee for this work will be calculated on the basis of 5 1/2 per cent of the cost of the plumbing, heating and electrical work or an estimated \$11,000.00.

Funds will be provided from resources of the Athletic Department.

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

February 9, 1967 meeting, Board of Trustees

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

B. Employment of Structural Engineers - Golf Course Club House

President Fawcett recommended that the engineering firm of Peter E. Korda & Associates be employed to provide professional engineering services for the structural system of this project including design calculations, drawings, specifications, estimate of cost, checking shop drawings and supervision of construction as needed. Day by day supervision and duplication of documents are not included in this contract.

The fee will be calculated on the basis of \$15.00 per hour for principals, \$9.00 per hour for engineers and \$6.00 per hour for draftsmen with a maximum fee of \$2,500.00.

Funds will be provided from resources of the Athletic Department.

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

C. Employment of Engineers - Upham Hall Air Conditioning

President Fawcett recommended that the engineering firm of H. A. Williams & Associates, Inc. be employed to provide preliminary studies for this project as follows:

Field survey of existing mechanical and electrical systems in the building; study of types of air conditioning systems which might be applicable to this building; cost studies for various air conditioning systems; conferences with interested parties at The Ohio State University; preparation of necessary schematic drawings; and preparation of written report and cost figures.

If this project proceeds beyond the schematic stage, it is understood that any payment for this work will be deducted from a negotiated fee for the complete project.

The fee for this service will be the employees' hourly rate times two and a half and \$20.00 per hour for principals' time but not to exceed \$5,000.00.

Funds will be provided from University Hospital Rotary.

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

D. Employment of Consultants - Medical Center Library

President Fawcett recommended that the Auerbach Corporation, Philadelphia, Pennsylvania, be employed to act as program consultants to determine the various systems involved and the space requirements for the Medical Center Library.

February 9, 1967 meeting, Board of Trustees

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

D. Employment of Consultants - Medical Center Library (continued)

The fee for this service will be calculated on labor, material and travel costs not to exceed \$10,000.00.

Funds will be provided from an account to be established by a transfer of funds from Item 016, Medical Complex, H. B. 202.

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

E. Transfer of Land, Ohio Department of Highways

The following resolution, developed in consultation with the Special Counsel to the Attorney General of Ohio for The Ohio State University, was recommended by President Fawcett for adoption by the Board of Trustees:

WHEREAS, The Ohio Department of Highways has requested a certain 0.784 acre parcel of land located between King Avenue and Kinnear Road on the east side of Olentangy River Road be transferred from the University to The Ohio Department of Highways; and

WHEREAS, The Ohio Department of Highways has proposed to transfer to the University a 1.313 acre parcel of land located on the west bank of the Olentangy River north of King Avenue; and

WHEREAS, it is found by the University that such interdepartmental exchange of lands would be beneficial to the continued development of University plans in addition to fulfilling the request of The Ohio Department of Highways;

IT IS THEREFORE RESOLVED that the Board of Trustees of The Ohio State University authorize the President and the Vice President for Business and Finance to proceed with the exchange of lands between The Ohio Department of Highways and The Ohio State University in a form and manner approved by the Attorney General of Ohio.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Erwin F. Frey, Professor Emeritus in the School of Art, and Norman F. Woelfel, Professor Emeritus in the School of Education, and former Director of the Teaching Aids Laboratory. In accordance with 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.

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Erwin F. Frey

The Board of Trustees expresses its sorrow at the death on January 9, 1967, of Erwin F. Frey, Professor Emeritus in the School of Art.

Professor Frey was born in Lima, Ohio, on April 21, 1892. He studied painting and sculpture at the Cincinnati Art Academy from 1908 to 1912 and was awarded a scholarship at that institution. He later received a scholarship at the Art Students League in New York City where he was selected as one of three to compete for the Prix de Rome Prize in sculpture. He studied also at the Beaux Arts School of Design in New York City and was Assistant to Mrs. Louis St. Gaudens at Cornish, New Hampshire. He studied abroad at The Academy Julian, Paris, from 1921 to 1923, where he maintained his own sculpture studio. He was awarded honorable mention at the Salon des Artistes Francaises, Paris, in 1923. He came to Columbus in 1923 to teach at the Columbus Gallery of Fine Arts. He began his teaching career at The Ohio State University in 1925 as its first artist in residence. During the years between 1925 and his retirement in 1962, he carried the responsibility of teaching sculpture to countless undergraduate and graduate students and pursued a most impressive career as a practicing sculptor. His major works include the statue of Dr. William Oxley Thompson, on the campus of this University; two 8-foot stone figures in Fairmont Park, Philadelphia, representing pioneer America, executed in 1943; General George Custer Monument, New Rumley, Ohio, 1933; "Resignation" standing at the Columbus Gallery of Fine Arts; and "Christ after the Resurrection."

Professor Frey actively supported the cause of art in the Columbus community as a member of the Board of Trustees of the Columbus Gallery of Fine Arts. He published many articles on Art, Sculpture and Education; pursued research in the technical areas of sculpture production and taught students to realize and express humanistic and spiritual values in the artistic process and the art form. Many of his former students are now teaching and practicing sculpture in the field today.

To attest its respect and appreciation for distinguished achievement in sculpture and as a teacher, The Ohio State University awarded him the Sullivant Gold Medal in 1950. He was elected to Phi Beta Kappa in 1953.

His consecration to the cause of bringing the artistic experience to the lives of students and to the enrichment of the public environment will be appreciated and remembered through his works in many communities and through the works and teachings of his students which perpetuate his sensitive regard and love for life and its poetic expression in the sculptor's materials.

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.

February 9, 1967 meeting, Board of Trustees

XL. RESOLUTIONS IN MEMORIAM (continued)

B. Norman F. Woelfel

The Board of Trustees expresses its sorrow at the death on December 24, 1966, of Norman F. Woelfel, Professor Emeritus in the School of Education, and former Director of the Teaching Aids Laboratory.

Professor Woelfel was born on August 9, 1895, in Buffalo, New York, where he completed elementary and secondary education. Matriculating at Columbia University, Professor Woelfel earned the degrees of Bachelor of Science, Master of Arts and Doctor of Philosophy. He completed the latter degree in 1933.

Professor Woelfel joined the faculty of The Ohio State University in 1937 as Assistant Professor and Research Associate, serving as a staff member of a nationwide research project in school broadcasting. In 1943, upon completion of the research project, he became the Director of the newly organized Teaching Aids Laboratory and was promoted to the rank of Associate Professor. In 1945, he achieved the rank of Professor. He served the University as Professor and Director of the Teaching Aids Laboratory until his retirement in 1962.

Professor Woelfel was gifted in writing and during his active career authored numerous articles and brochures dealing with educational philosophy, the curriculum, educational broadcasting and materials of instruction. He was organizer, founder and editor of the educational journal, Social Frontiers, described by Lawrence Cremin as "without doubt one of the authentic, progressive voices of the thirties." Charles Beard, John Dewey, Lewis Mumford, Bruce Bliven and Robert Hutchins were some of its distinguished contributors. His books included Molders of the American Mind and Educational Goals for America, and, in collaboration with other Ohio State professors, A Wartime Focus for Ohio's Elementary Schools and Radio and the School. He was responsible for the development of more than 20 color filmstrips, with accompanying text bulletins, which have been widely distributed to educational centers in this country and abroad.

Professor Woelfel was held in high regard by his colleagues, students and leading citizens for his demonstrated ability as a teacher and researcher. His contributions to the students of The Ohio State University and to the people of Ohio for his 25 years of outstanding service will long be remembered.

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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February 9, 1967 meeting, Board of Trustees

XII. REPORT

A. Report on the University's Investment Portfolio

The reports on the University's Investment Portfolio dated December 31, 1966 and January 31, 1967, 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, March 9, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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

Columbus, Ohio, March 9, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, March 9, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Mervin B. France, James W. Shocknessy and Don M. Hilliker.

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Minutes of the last meeting were approved.

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March 9, 1967 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Honorary Degrees

The Faculty Council on February 14, 1967, recommended that the honorary degrees as specified be conferred on the following individuals:

Abe Fortas, Associate Justice of the United States Supreme Court - Doctor of Laws

Charles Goode Gomillion, Professor and Administrator at the Tuskegee Institute - Doctor of Laws

Loren Franklin Steiner, Chief of the Agricultural Research Service, United States Department of Agriculture, Honolulu, Hawaii - Doctor of Science

Sherman Emery Lee, Director of the Cleveland Museum of Art and Professor of Art at Western Reserve University - Doctor of Humane Letters

President Fawcett recommended that the Board of Trustees approve the Faculty Council recommendation.

Upon motion of Mr. France, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

B. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Charles Adelbert Smith

The Committee on Honorary Degrees and Honors of the College of Engineering, with the unanimous endorsement of the faculty of the College of Engineering, has nominated Charles Adelbert Smith, Vice President of Kaiser Aluminum and Chemicals Corporation, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at the June Commencement, 1967.

President Fawcett recommended that this nomination be approved by the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. France, the above recommendation was approved by unanimous voice vote.

C. Revision of Rule 53.0701 of Rules for the University Faculty

The Faculty Council on February 14, 1967, approved the recommendation that the Faculty Rule dealing with membership of the Student Senate be amended to include representation from the College of Biological Sciences, the University College and the School of Allied Medical Services (Rule 53.0701, Section 2, of the Rules for the University Faculty).

March 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of Rule 53.0701 of Rules for the University Faculty

President Fawcett recommended that the above amendment as approved by the Faculty Council be adopted, and that the Secretary be instructed to formally correct and reprint the change as approved by the Faculty Council.

The Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary was instructed to make such revisions in the Rules for the University Faculty.

D. Establishment of Department of Plant Pathology in the College of Agriculture and Home Economics

The Faculty Council on February 14, 1967, in accordance with the procedures set forth in Article V, Section 1, of the Bylaws of the Board of Trustees and Rule 13.01 of the Rules for the University Faculty, approved the proposal that effective July 1, 1967, there be established in the College of Agriculture and Home Economics a Department of Plant Pathology and that the academic discipline of Plant Pathology now administered by the Department of Botany and Plant Pathology in the College of Biological Sciences be transferred to the newly created Department.

President Fawcett recommended that the Board of Trustees approve the action of the Faculty Council regarding the establishment of a Department of Plant Pathology in the College of Agriculture and Home Economics.

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

E. Naming of Buildings

Upon the recommendation of the Cabinet, it was proposed that two campus buildings be renamed. (1) President Fawcett recommended that the building located at 1949 Neil Avenue, formerly housing the Veterinary Laboratory, be renamed "Neil-17th Building." It was suggested that a commemorative name not be used since the building will be demolished in the next few years. (2) President Fawcett further recommended that the present Pharmacy and Microbiology Building, located at 1958 Neil Avenue, be renamed "Edith Cockins Hall" in memory of Miss Edith Cockins, who served the University from 1895 to 1944 in several capacities, principally as its registrar, and who contributed so significantly to the University as a student, alumna and administrative official. Miss Cockins died March 15, 1963.

These proposals were in accordance with the Bylaws of the Board of Trustees. They were recommended for approval.

Upon motion of Mr. France, seconded by Dr. Thomas, the Board of Trustees approved the above recommendations by unanimous voice vote.

March 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Degrees and Certificates Conferred -
Winter Quarter Commencement Convocation

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 16, 1967, 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 481.)

The Board of Trustees approved the above recommendation by unanimous voice vote.

G. Prices for Faculty-Staff and Student Athletic Books, 1967-68

As a result of financial studies by the Department of Athletics which have indicated a possible deficit in the 1967-68 fiscal year, the Athletic Council has held a lengthy series of meetings devoted to possible solutions to the impending financial problem. A complete discussion of possible alternatives has been held and the Athletic Council has proposed, with the concurrence of Executive Dean John T. Bonner, Jr., a two dollar increase in the prices of faculty-staff and student athletic activity cards.

After a careful review of the athletic financial situation by the President's Cabinet, President Fawcett recommended that beginning with the 1967-68 season athletic activity cards for faculty-staff members be raised from \$14 to \$16 and athletic activity cards for students be raised from \$12 to \$14.

The amount paid by faculty-staff and students for athletic activity cards has not been increased since 1956, and athletic ticket prices to the general public have been raised in 1956, 1961 and 1963.

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

H. Report of Auditor of State to The Ohio State University

The Annual Report of Examination of The Ohio State University by the Auditor of State for the fiscal year 1965-66 has been received. The report states that "The audit and examination disclosed the financial records and accounts to be neatly, currently and accurately maintained."

President Fawcett recommended that the receipt of the above-referred-to Annual Report of the Auditor of State be noted in the minutes of this meeting and that said Report be filed with the official documents of the Board of Trustees.

The Board of Trustees approved the above recommendation by unanimous voice vote.

March 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Change in Title of Degree from Bachelor of Laws (LL. B.) to Juris Doctor (J. D. or Doctor of Jurisprudence)

The faculty of the College of Law, with the endorsement of the University Faculty Council, has proposed that effective Spring Quarter, 1967, the degree Juris Doctor (J. D. or Doctor of Jurisprudence) be awarded to those students who have completed the study of law at The Ohio State University; and in accordance with the University policy those students who have attained a superior level of academic achievement shall receive the additional academic distinction as indicated by the terms "summa cum laude" or "cum laude."

It was proposed further (a) that this change in degree for all graduates of the College of Law be retroactive, upon request, for those who had earned the baccalaureate degree before they entered the College of Law at The Ohio State University, (b) that all past graduates of The Ohio State University who earned the degree Juris Doctor in recognition of their excellence in academic performance shall be issued upon request a new diploma carrying the appropriate designation of high scholarship--summa cum laude or cum laude, and (c) that the fee to cover the cost of printing and distributing the diploma issued retroactively shall be \$10.00.

President Fawcett recommended that the above proposals from the faculty of the College of Law, which neither creates a new degree nor a new degree program, be adopted by the Board of Trustees, and that the Secretary be instructed to issue a new diploma to those persons who are qualified under the above specifications.

Mr. Shocknessy moved that the above recommendation be approved and Mr. Hilliker seconded the motion.

Mr. Bricker moved that the section identified as item (a) in the second paragraph of the above recommendation be amended to read as follows:

that this change in degree for all graduates of the College of Law be retroactive, upon request, for those who had earned a baccalaureate degree before they were awarded the Bachelor of Laws degree by The Ohio State University.

Mr. Shocknessy stated that he agreed with Mr. Bricker and seconded the motion to amend the proposal.

The Chairman, Mr. Davis, invited President Fawcett to express his position regarding the motion to amend and the President responded by indicating that the Board of Trustees, in its wisdom, might properly modify the proposal; however, it was his desire to let the recommendation stand as presented. Mr. Davis suggested that in recognition of the significance of the proposed amendment the motion be withdrawn and referred to the President for further study and consultation with the faculty. The suggestion was declined. The Chairman called for a roll call vote and the motion to amend the recommendation was adopted with six members voting affirmatively and Mr. Davis voting negatively.

The motion to approve the recommendation as amended was adopted with six affirmative votes and one negative vote by Mr. Davis.

March 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

J. Policy on University Appraisals for University Hospitals

Historically, the University has been on the State system of cash accounting for capital improvements. The coming of Medicare, however, provides for reimbursement to cooperating agencies on the basis of depreciation of buildings and equipment used in connection with services rendered.

It is, therefore, necessary to provide Medicare auditors with certified depreciation figures to be used under the rules set forth administratively by the Federal Government, to implement Public Law 89-97.

Accordingly, the College of Medicine secured three proposals for appraisals: from Industrial Appraisal Company, the Lloyd-Thomas Co. and the American Appraisal Company. The American Appraisal Company's proposal in the amount of \$20,000.00 for the first appraisal and an annual charge for updating for accounting purposes of \$1,300.00 is judged to be the best of the three.

Proposals for services rendered all carry a cancellation provision at the end of any contract year should the parties involved not be satisfied with the relationship.

President Fawcett recommended that the American Appraisal Company be engaged to provide the necessary appraisal services for University Hospitals to qualify our accounting procedures under Public Law 89-97 (Medicare Act) at an initial cost not to exceed \$20,000.00 and an annual fee for updating the appraisal of \$1,300.00. Funds are available in Budget Account 960200.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 9, 1967 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, Promotion and Leaves of Absence Without Salary:

A. Appointment

Luvorn L. Cunningham, Dean of the College of Education and Professor of Education, effective September 1, 1967, at a salary of \$28,068.00 per annum. This appointment is occasioned by the retirement under the rules of the Board of Trustees of Dean Donald P. Cottrell.

March 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotion

Harry L. Coles, now Professor in the Department of History, promoted to Professor and Chairman, Department of History, effective October 1, 1967, at a salary of \$20,076.00 per annum. Dr. Coles will assume his new duties on a Special contract beginning July 1, 1967, with a salary of \$4,500.00 for the Summer Quarter.

C. Leaves of Absence Without Salary

John C. Burnham, Associate Professor, Department of History, effective April 1, 1967 through June 30, 1967, to serve as a Fulbright Lecturer at the University of Melbourne in Australia.

Louis Kasza, Assistant Professor, Department of Veterinary Pathology, effective May 1, 1967 through June 30, 1967, to study in England.

Upon motion of Dr. Thomas, seconded by Mr. France, the Appointment, Promotion, 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. 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Ext. #8 - Department of Psychology).
Gross Value - \$25,995.00.

March 9, 1967 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)

- a2. Office of Naval Research, Washington, D. C. , Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #14 - Department of Speech).
Gross Value - \$42,060.00.
- a3. National Aeronautics and Space Administration, Washington, D. C. , Receiver Techniques and Detectors for Use at Millimeter and Sub-millimeter Wavelengths (to be known as National Aeronautics and Space Administration Project No. 1093 - Sup. #6 - Department of Electrical Engineering).
Gross Value - \$40,000.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as National Institutes of Health Project No. 1094 - Ext. #7 - Department of Medicine).
Gross Value - \$28,045.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hormonal Regulations of Cellular Processes (to be known as National Institutes of Health Project No. 1172 - Ext. #6 - Department of Biochemistry).
Gross Value - \$10,882.00.
- a6. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of the Autonomic Nervous System (to be known as National Institutes of Health Project No. 1370 - Ext. #3 - Department of Anatomy).
Gross Value - \$10,480.00.
- a7. Office of Naval Research, Washington, D. C. , Infrared Spectra and the Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #10 - Department of Physics).
Gross Value - \$10,800.00.
- a8. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404 - Ext. #5 - Department of Physiological Chemistry).
Gross Value - \$37,253.00.

March 9, 1967 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)

- a9. National Aeronautics and Space Administration, Washington, D. C., Biological Effects of Prolonged Exposure of Animals to Unusual Gaseous Environments (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #3 - Department of Physiology).
Gross Value - \$35,575.00.
- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Analysis of Foulbrood Resistance (to be known as National Institutes of Health Project No. 1572 - Ext. #4 - Department of Zoology and Entomology).
Gross Value - \$19,200.00.
- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Ext. #4 - Division of Biophysics).
Gross Value - \$23,092.00.
- a12. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Germ-Free and Gnotobiotic Ruminant Nutrition Studies (to be known as National Institutes of Health Project No. 1586 - Ext. #4 - Institute of Nutrition and Food Technology).
Gross Value - \$20,440.00.
- a13. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634 - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$27,306.00.
- a14. Office of Naval Research, Washington, D. C., The Development of a Methodology for the Analysis of Complex Man-Machine Systems (to be known as Office of Naval Research Project No. 1643 - Amend. #8 - Department of Business Organization).
Gross Value - \$3,000.00.
- a15. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, CO₂ Transients Associated With Hyperventilation (to be known as National Institutes of Health Project No. 1647 - Ext. #3 - Department of Physiology).
Gross Value - \$15,281.00.

March 9, 1967 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, Bureau of State Services, Washington, D. C., A Study of the Biological Storage System (to be known as Bureau of State Services Project No. 1763 - Ext. #3 - Department of Mathematics).
Gross Value - \$18,941.00.
- a17. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770 - Ext. #3 - Department of Pathology).
Gross Value - \$19,597.00.
- a18. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Ext. #3 - College of Dentistry).
Gross Value - \$41,558.00.
- a19. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779 - Ext. #3 - Department of Psychology).
Gross Value - \$28,087.00.
- a20. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Spontaneous Avian Atherosclerosis (to be known as National Institutes of Health Project No. 1800 - Ext. #3 - Department of Physiology).
Gross Value - \$15,000.00.
- a21. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tricyclic Tropane Congeners (to be known as National Institutes of Health Project No. 1825 - Ext. #2 - Department of Chemistry).
Gross Value - \$2,854.00.
- a22. U. S. Army Medical Research and Development Command, Washington, D. C., Effects of Vibration, Noise and Task Complexity on Performance in Rotary Wing and Fixed Wing Aircraft (to be known as U. S. Army Medical Research and Development Command Project No. 1857 - Mod. #5 - Department of Preventive Medicine).
Gross Value - \$46,917.00.

March 9, 1967 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)

- a23. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of Radiation on the Biology and Population Dynamics of the Cereal Leaf Beetle, Oulema Melanopa (L). Order, Coleoptera, Family Chrysomelaidae (to be known as U. S. Atomic Energy Commission Project No. 1928 - Mod. #3 - Department of Zoology and Entomology).
Gross Value - \$14,730.00.
- a24. U. S. Army Engineer, Research and Development Laboratories, Fort Belvoir, Virginia, A Study of the Role of Focal Length in Image Generation (to be known as U. S. Army Engineer, Research and Development Laboratories Project No. 1959 - Mod. #3 - Department of Geodetic Science).
Gross Value - \$8,497.00.
- a25. U. S. Atomic Energy Commission, Argonne, Illinois, The Role of Population-Dependent Factors in Altering Adrenal Steroidogenesis and Reproduction in the Cottontail Rabbit in Ohio (to be known as U. S. Atomic Energy Commission Project No. 1960 - Mod. #2 - Department of Obstetrics and Gynecology).
Gross Value - \$10,000.00.
- a26. U. S. Department of Labor, Washington, D. C., Longitudinal Study of the Labor Force Behavior of a National Sample of "Older" Persons and of Younger Men (to be known as U. S. Department of Labor Project No. 2007 - Mod. #2 - Department of Economics).
Gross Value - \$53,666.00.
- a27. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$19,932.00.
- a28. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094 - Ext. #2 - Department of Medicine).
Gross Value - \$27,342.00.
- a29. 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 - Sup. #2 - Department of Engineering Mechanics).
Gross Value - \$22,000.00.

March 9, 1967 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)

- a30. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Systems Engineering Group, Research and Technology Division Project No. 2146 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$85,000.00.
- a31. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Systems Engineering Group, Research and Technology Division Project No. 2146A - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$15,000.00.
- a32. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Re-entry Plasma EM Noise Investigations (to be known as Systems Engineering Group, Research and Technology Division Project No. 2151 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$74,982.00.
- a33. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Re-entry Plasma EM Noise Investigations (to be known as Systems Engineering Group, Research and Technology Division Project No. 2151A - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,000.00.
- a34. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, (U) Study of Spatial Laser Beam Modulation and Filtering to Counteract Undesired Propagation Effects (to be known as Systems Engineering Group, Research and Technology Division Project No. 2156 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- a35. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2165 - Sup. #2 - RF Internal Supervision).
Gross Value - \$11,000.00.

March 9, 1967 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)

- a36. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hypothesis Behavior in Concept-Identification (to be known as National Institutes of Health Project No. 2166 - Ext. #1 - Department of Psychology).
Gross Value - \$14,342.00.
- a37. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., Coordination of Phosphine Sulfides and Selenides (to be known as Bureau of State Services Project No. 2171 - Ext. #1 - Department of Chemistry).
Gross Value - \$27,076.00.
- a38. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Individual Differences and Psychologic Stress (to be known as National Institutes of Health Project No. 2173 - Ext. #1 - Department of Psychiatry).
Gross Value - \$63,018.00.
- a39. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Development of the Criteria of a Coding System (to be known as Air Force Institute of Technology Project No. 2276D - Mod. #5 - College of Commerce and Administration, Continuing Education).
Gross Value - \$18,500.00.
- a40. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Development of the Political-Military Exercise as a Teaching Device in Political Science (to be known as Office of Education Project No. 2342 - New - Department of Political Science).
Gross Value - \$9,436.00.
- a41. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Relationship on the Amish to the Pre-Public Schools in Ohio (to be known as Office of Education Project No. 2343 - New - School of Education).
Gross Value - \$6,833.00.
- a42. Office of Naval Research, Washington, D. C., Nonsimilar Solution of Binary Boundary Layers (to be known as Office of Naval Research Project No. 2362 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$14,700.00.

March 9, 1967 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)

- a43. U. S. Department of Agriculture, Beltsville, Maryland, Animal Science Computer Analysis (to be known as U. S. Department of Agriculture Project No. 2367 - New - Department of Animal Science).
Gross Value - \$5,000.00.
- a44. National Science Foundation, Washington, D. C., Synthesis of Overcrowded Molecules (to be known as National Science Foundation Project No. 2368 - New - Department of Chemistry).
Gross Value - \$21,600.00.
- a45. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Development and Evaluation of Instructional Units for Teaching Profit-Maximizing Principles in Vocational Agriculture (to be known as Office of Education Project No. 2369 - New - Department of Agricultural Education).
Gross Value - \$9,621.00.
- a46. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Drug-Organism Interactions (to be known as National Institutes of Health Project No. 2370 - New - Department of Physiological Chemistry).
Gross Value - \$14,881.00.
- a47. National Science Foundation, Washington, D. C., Annual Symposia on Molecular Structure and Spectroscopy During 1967, 1968 and 1969 (to be known as National Science Foundation Project No. 2371 - New - Department of Physics).
Gross Value - \$8,700.00.
- a48. National Science Foundation, Washington, D. C., Archaeology of Northwest Alaska (to be known as National Science Foundation Project No. 2372 - New - Institute of Polar Studies).
Gross Value - \$37,100.00.
- a49. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Structure and Function of Plant Organelles (to be known as National Institutes of Health Project No. 2373 - New - Department of Biology, Wright State Campus).
Gross Value - \$2,923.00.
- a50. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375 - New - Department of Surgery).
Gross Value - \$45,905.00.

March 9, 1967 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)

- a51. U. S. Army Missile Command, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - New - Department of Industrial Engineering).
Gross Value - \$92,771.00.
- a52. National Science Foundation, Washington, D. C. , Doctoral Dissertation Research in Geography (to be known as National Science Foundation Project No. 2377 - New - Department of Geography).
Gross Value - \$1,400.00.
- a53. National Science Foundation, Washington, D. C. , Inhibition of Autotrophic Bacteria by Non-toxic Nutrients (to be known as National Science Foundation Project No. 2378 - New - Department of Microbiology).
Gross Value - \$8,700.00.
- a54. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as National Institutes of Health Project No. 2379 - New - Department of Chemistry).
Gross Value - \$21,680.00.
- a55. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Prevention of Hepatitis After Cardiovascular Surgery (to be known as National Institutes of Health Project No. 2380 - New - Department of Medicine).
Gross Value - \$24,455.00.
- a56. U. S. Atomic Energy Commission, Argonne, Illinois, Knudsen and Molecular Diffusion of Gases in Capillaries and Porous Solids Over Large Pressure (to be known as U. S. Atomic Energy Commission Project No. 2381 - New - Department of Chemical Engineering).
Gross Value - \$16,336.00.
- a57. National Science Foundation, Washington, D. C. , Oxidation Cleavage of Cyclopropanes (to be known as National Science Foundation Project No. 2383 - New - Department of Chemistry).
Gross Value - \$32,000.00.
- a58. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385 - New - Department of Pathology).
Gross Value - \$30,795.00.

March 9, 1967 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)

- a59. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Cardiovascular Research Center Planning Grant (to be known as National Institutes of Health Project No. 2386 - New - Department of Medicine).
Gross Value - \$70,225.00.
- a60. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , The Efficacy of Sound-Motion Pictures as Instructional Media (to be known as Office of Education Project No. 2387 - New - Department of Speech).
Gross Value - \$9,000.00.
- a61. Air Training Command, Randolph Air Force Base, Texas, Research, Preparation and Presentation of Contract Law Course for Air Force Procurement Personnel (to be known as Air Training Command Project No. 2388 - New - College of Commerce and Administration, Continuing Education).
Gross Value - \$22,782.00.
- a62. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Photoinduced Carotenoid Synthesis (to be known as National Institutes of Health Project No. 2389 - New - Department of Biology, Wright State Campus).
Gross Value - \$30,512.00.
- a63. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390 - New - College of Pharmacy).
Gross Value - \$35,342.00.
- a64. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , The National Film Board of Canada and Its Task of Communication (to be known as Office of Education Project No. 2392 - New - School of Education).
Gross Value - \$7,113.00.
- a65. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, 4N π Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393 - New - Department of Chemistry).
Gross Value - \$27,007.00.

March 9, 1967 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)

- a66. Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts, Research Directed Toward Determination of Radiative Properties and Composition of the Atmosphere (to be known as Air Force Systems Command Project No. 2394 - New - Department of Physics).
Gross Value - \$20,000.00.
- a67. National Science Foundation, Washington, D. C., Effects of Nutritional Factors on Distribution of Antarctic Lichens and Terrestrial Algae (to be known as National Science Foundation Project No. 2395 - New - Institute of Polar Studies).
Gross Value - \$38,100.00.
- a68. Air Force Office of Scientific Research, Office of Aerospace Research, Arlington, Virginia, Magnetic Properties of the Solid Hydrogens at Very Low Temperatures (to be known as Office of Aerospace Research Project No. 2398 - New - Department of Physics).
Gross Value - \$94,540.00.

TOTAL - Government Contracts - Federal \$1,811,905.00

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. #9 - Institute for Research in Vision).
Gross Value - \$2,425.00.
- a2. The Heart Association of Eastern Ohio, Inc., Youngstown, Ohio, Evaluation of Silastic Re-enforced Dacron Grafts for Replacement of Inferior Vena Cava (to be known as The Heart Association of Eastern Ohio, Inc. Project No. 2350 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a3. The Boeing Company, Seattle, Washington, Research on Photo Interpretation (to be known as The Boeing Company Project No. 2355 - New - Department of Psychology).
Gross Value - \$4,007.00.
- a4. Research Corporation, New York, New York, Investigations in Pyrimidine Photochemistry (to be known as Research Corporation Project No. 2391 - New - Department of Chemistry).
Gross Value - \$3,900.00.

March 9, 1967 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)

- a5. The Petroleum Research Fund, Washington, D. C., Reduction of Morganic Halides With Organic Anions (to be known as The Petroleum Research Fund Project No. 2396 - New - Department of Chemistry).
Gross Value - \$14,000.00.
- a6. American Cancer Society, New York, New York, Cancer Research (to be known as American Cancer Society Project No. 2397 - New - Department of Pathology).
Gross Value - \$35,000.00.
- a7. The Petroleum Research Fund, Washington, D. C., Kinetics of Hydrocarbon Reactions (to be known as The Petroleum Research Fund Project No. 2399 - New - Department of Chemistry).
Gross Value - \$23,400.00.
- a8. National Foundation on the Arts and the Humanities, Washington, D. C., The Iconography of Tintoretto's Paintings for the Upper Hall of the Scuola di San Rocco in Venice (to be known as National Foundation on the Arts and the Humanities Project No. 2400 - New - School of Art).
Gross Value - \$15,600.00.

TOTAL - Industrial and Other Contracts \$105,832.00

The foregoing seventy-six contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,917,737.00.

Upon motion of Mr. Bricker, seconded by Mr. France, 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 January 24, 1967 through February 21, 1967, 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 Contract

EES 296X The Fatigue of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$308,160.00.

March 9, 1967 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 Contract

EES 297X Investigation of Parameters Involved in Bulk Handling
 of Polymer "F" Materials, Union Carbide Corporation,
 South Charleston, West Virginia.
 Gross Value - \$14,108.00.

The foregoing two contracts for research in the Engineering Experiment
Station represent a gross income of \$322,268.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
February 9, 1967, 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. \$382,842.00 granted by Department of Health, Education and Welfare,
Public Health Service, Bethesda, Maryland, to the University for
"General Research Support," under the direction of the Dean of the
College of Medicine, for the period January 1, 1967 through De-
cember 31, 1967. (Grant No. 5 S01-FR-05409-06)
2. \$200,000.00 granted by U. S. Public Health Service, Division of
Medical Facilities, Hill-Burton Unit, Bethesda, Maryland, to assist
in the construction of an addition to the Dodd Hall Rehabilitation Center.
(Project No. Ohio - 304)
3. \$179,340.00 granted by National Science Foundation, Washington, D. C.,
to the University under the National Science Foundation Graduate Trainee-
ship Program. This new grant is for support of thirty graduate trainee-
ships beginning in the fall of 1967 and extending for periods of nine or
twelve months and fifteen summer traineeships for graduate teaching
assistants during the summer of 1967 and is under the direction of the
Dean of the Graduate School. This grant terminates on September 30,
1968. (GZ-570)
4. \$139,218.00 granted by National Science Foundation, Washington, D. C.,
to the University for a second-year continuation of the award made to
the University last year for graduate traineeships. This amendment
provides for twenty-six graduate traineeships beginning in the fall of
1967 and extending for periods of nine or twelve months and is under
the direction of the Dean of the Graduate School. This grant termi-
nates on September 30, 1968. (GZ-151, Amendment No. 1)

March 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$50,902.00 granted by National Science Foundation, Washington, D. C. , to the University to provide for nine graduate traineeships beginning in the fall of 1967 and extending for periods of nine or twelve months and is under the direction of the Dean of the Graduate School. This grant terminates on September 30, 1968. (GE-7956, Amendment No. 2)
6. \$47,333.00 granted by National Science Foundation, Washington, D. C. , to the University for a fourth and final year continuation of the award of March, 1964, for graduate traineeships. This amendment provides for eight graduate traineeships beginning in the fall of 1967 and extending for periods of nine or twelve months and is under the direction of the Dean of the Graduate School. This grant terminates on September 30, 1968. (GE-4790, Amendment No. 3)
7. \$27,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland. to the University for support of a program entitled "Undergraduate Clinical Training Grant - Heart," under the direction of the Department of Medicine, for the period March 1, 1967 through February 29, 1968. (Grant No. 5 T02 HE05035-14)
8. \$25,490.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a Research Career Development Award entitled "Energy Conversion in Primary Bio-photoprocesses," under the direction of the Department of Physics, for the period April 1, 1967 through March 31, 1968. (Grant No. 5-K3-GM-21,946-04)
9. \$8,400.00 granted by National Science Foundation, Washington, D. C. , to the University for support of a program entitled "Undergraduate Research Participation," under the direction of the Department of History, and terminates on September 30, 1967. (GY-3061)
10. \$3,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Bethesda, Maryland 20014, to the University for the program entitled "The Dietitian's Responsibility in Nursing Homes and Small Hospitals," under the direction of the School of Allied Medical Services, for the period February 20, 1967 through February 22, 1967. (Grant No. STT-648-67)

TOTAL - Through the Office of Business and Finance \$1,064,005.00

B. Received Through the Development Fund

1. \$40,000.00 from Samuel M. Melton to be added to the Samuel and Esther Melton Professorship in Jewish History and Studies.
2. \$16,000.00 from American Dairy Association, Chicago, Illinois-- \$10,000.00 for the American Dairy Association Research Fund and \$6,000.00 for the American Dairy Association Ice Cream Research Fund.

March 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$12,500.00 from The Payne Fund, Inc., Cleveland Heights, Ohio, for the Payne Fund Communication Project in the College of Education.
4. \$12,000.00 from Corn Refiners Association, Inc., Washington, D. C., for the Corn Industries Research Foundation Fund.
5. \$8,183.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.
6. \$7,500.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for The Emmet Blakeney Gleason Scholarship Fund.
7. \$5,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for the F. I. R. E. Fund in Ceramic Engineering.
8. \$5,000.00 from Donald C. Power to be added to the Donald C. Power Fund in the College of Commerce and Administration.
9. \$4,716.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
10. \$4,000.00 from Robert L. Evans for use in the Department of Animal Science.
11. \$4,000.00 from E. R. Squibb & Sons, Inc. for the Division of Hematology and Oncology Research Fund.
12. \$2,500.00 from Astra Pharmaceutical Products, Inc., Worcester, Massachusetts, for research in cardiovascular surgery.
13. \$1,200.00 from Seward D. Schooler to the University as an unrestricted gift.
14. \$1,000.00 from Neal A. Smith and Faye S. Smith for the establishment of the Bessie L. Smith Memorial Fund.

Bessie L. Smith Memorial Fund

The Bessie L. Smith Memorial Fund was established February 2, 1967, by gifts through the Development Fund from Neal A. Smith, B.E.E. '41, M.S. '47, and Faye S. Smith, B.Sc. in Edu. '39, M.A. '52, in memory of Mr. Smith's mother.

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 only from this fund is to be used by the College of Medicine for research or for the dissemination of research findings to students and others, in the field of cancer.

March 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

14. Bessie L. Smith Memorial Fund (continued)

In the event the income is not needed for the specified purposes, or in the event the College of Medicine as it now exists is altered in any reorganization of the University, then the income shall be used for research or educational pursuits in the field of medicine.

15. \$1,000.00 from William Bartlett Calkins for the Presidents Club account undesignated.

16. \$1,000.00 from Chevron Oil Company, The California Company Division, New Orleans, Louisiana, for The California Company Geology Department Fund.

17. \$1,000.00 from William B. Hoyer--\$600.00 for the Charles W. Griffith Memorial Foundation and \$400.00 for the Student Athlete Grant-in-Aid Fund.

18. \$1,000.00 from Jesse F. Jelenko to be added to the Odontos Fund.

TOTAL - Received Through the Development Fund \$127,599.00

Upon motion of Mr. Bricker, seconded by Dr. Thomas, the acceptance of the above grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In January, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	683	\$ 36,263.74
Individuals other than alumni	89	8,744.00
Nonprofit organizations	34	183,614.37
Business concerns	<u>28</u>	<u>47,986.29</u>
	834	\$276,608.40

Of these gifts, 279 totaling \$2,279.06 were undesignated and 555 totaling \$274,329.34 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:

March 9, 1967 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Derby Hall - Additions to Electrical System

This project will relieve the overloaded condition of the present electrical system and will provide for pending building equipment additions.

Funds will be provided from Budget Account 121658.

B. Gas Meter House Removal

This project will eliminate some old gas piping lines which are dangerous, will eliminate the present gas metering station which is an obstruction to pedestrian traffic in the north campus and will improve the gas service to the central part of the campus.

Funds will be provided from Budget Account 121658.

C. Physics Building - Remodeling of Laboratory Area 60

This project is a modification of the laboratory identified as Area 60 located in the Physics Building to provide seven new offices and one large laboratory.

Funds will be provided from Budget Account 801117 and Budget Account 921400.

Upon motion of Mr. France, 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 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. Lighting Improvements - Seventeenth Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received February 8, 1967)		
Jess Howard Electric Company (Columbus)	\$ 35,447.00	\$ 50,000.00

Funds for this project are provided from Budget Account 121658.

March 9, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Medical Basic Science

The Board of Trustees of The Ohio State University on February 9, 1967, by unanimous vote upon the recommendation of President Novice G. Fawcett approved the award of contracts for the construction of the Medical Basic Science Building. Subsequent to this action of the Board on February 9, 1967, it was discovered that the lowest dollar bid for the plumbing contract was non-responsive under the terms of the Governor's Executive Order regarding equal opportunity employment. Therefore, that bid was not properly approved. On February 23 and 24, 1967, by telephone communication, the Board of Trustees of The Ohio State University approved the award of contracts for construction of the Medical Basic Science Building to the following list of contractors as recommended by the Vice President for Business and Finance with the concurrence of President Novice Fawcett and the Director of the Department of Public Works.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-1-67)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$4,067,000.00	\$ 5,600,000.00
Alt. G-1 Terrazzo in Lieu of Vinyl Asbestos	<u>19,000.00</u>	<u>22,000.00</u>
Total General Contract	<u>\$4,086,000.00</u>	<u>\$ 5,622,000.00</u>
<u>Plumbing Contract (Lowest Responsive Bid)</u>		
(4 bids received 2-1-67)		
The Gesling Company (Lancaster)		
Base Bid	\$ 785,000.00	\$ 900,000.00
Alt. P-3 Vacuum Cleaning System	<u>32,360.00</u>	<u>30,000.00</u>
Total Plumbing Contract	<u>\$ 817,360.00</u>	<u>\$ 930,000.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 2-1-67)		
The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$1,568,200.00	\$ 2,050,000.00
Alt. H-1 Temperature Control	<u>51,540.00</u>	<u>35,000.00</u>
Total Heating, Ventilating and Air Conditioning Contract	<u>\$1,619,740.00</u>	<u>\$ 2,085,000.00</u>
<u>Electrical Contract</u>		
(5 bids received 2-1-67)		
States Electric Co., Inc. (Columbus)		
Base Bid	\$ 843,300.00	\$ 1,200,000.00
Alt. E-1 Circuit Identification	350.00	2,500.00
Alt. E-2 Vacuum Cleaning System	1,560.00	1,000.00
Alt. E-4 Holophane Lens	<u>50,500.00</u>	<u>(No change)</u>
Total Electrical Contract	<u>\$ 895,710.00</u>	<u>\$ 1,203,500.00</u>

March 9, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Medical Basic Science (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Case Work</u>		
(5 bids received 2-1-67)		
Hamilton Mfg. Co.		
(Two Rivers, Wisconsin)		
Base Bid	\$ 557,000.00	\$ 750,000.00
Alt. LC Corrocast in Lieu of "Hamilite"	21,500.00	13,000.00
Total Laboratory Case Work Contract	<u>\$ 578,500.00</u>	<u>\$ 763,000.00</u>
<u>Total All Contracts</u>	<u>\$7,997,310.00</u>	<u>\$10,603,500.00</u>

Funds for this project are provided from Item 315-043, H. B. 202, and a Public Health Service Grant.

C. Newark Branch Campus

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-9-67)		
Mellon-Stuart Co. (Pittsburgh)		
Base Bid	\$1,229,000.00	\$ 1,142,595.00
Alt. G-4 Plan Change	- 7,600.00	- 12,000.00
Alt. G-6 Drywall Ceilings in Lieu of Plaster	- 1,400.00	- 2,250.00
Total Contract	<u>\$1,220,000.00</u>	<u>\$ 1,128,345.00</u>
<u>Plumbing Contract</u>		
(5 bids received 2-9-67)		
The Gesling Co. (Lancaster)		
Base Bid	\$ 105,000.00	\$ 136,652.00
Alt. P-2 Changes in Plumbing Requirements	- 475.00	<u>No change</u>
Total Contract	<u>\$ 104,525.00</u>	<u>\$ 136,652.00</u>
<u>Heating and Ventilating Contract</u>		
(7 bids received 2-9-67)		
The Gesling Co. (Lancaster)		
Base Bid	\$ 338,000.00	\$ 361,000.00
Alt. HV-2 Electric Chiller in Lieu of Gas	- 25,120.00	- 32,405.00
Total Contract	<u>\$ 312,880.00</u>	<u>\$ 328,595.00</u>

March 9, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Newark Branch Campus (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 2-9-67)		
The Electric Power Equipment Company (Columbus)		
Base Bid	\$ 234,712.00	\$ 193,545.00
Alt. E-3 Plan Changes	- 2,525.00	+ 7,400.00
Total Contract	<u>\$ 232,187.00</u>	<u>\$ 200,945.00</u>
<u>Total All Contracts</u>	<u>\$1,869,592.00</u>	<u>\$ 1,794,537.00</u>

It will be noted that the bids on the General Contract and the Electrical Contract were in excess of the estimate of cost. Since it is believed that no better bids could be received by readvertising, the Controlling Board will be requested to authorize the award to the low bidder on these two divisions.

Funds for this project will be provided from Account 235-007, H. B. 949.

D. Mansfield Branch, Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 2-7-67)		
Kokosing Construction Co., Inc. (Fredericktown, Ohio)		
Base Bid	\$ 564,357.00	\$ 495,377.00
Alt. G-2 Library Area Partitions (Phase I)	+ 12,383.00	+ 10,875.00
Alt. G-3 Third Floor Partitions (Phase I)	+ 26,450.00	+ 24,150.00
Alt. G-4 Thermo Plastic Wall Covering in Lieu of Glazed Tile	- 8,000.00	- 4,000.00
Negotiated Revisions	- 29,343.00	
Total Contract	<u>\$ 565,847.00</u>	<u>\$ 526,402.00</u>
<u>Plumbing Contract</u>		
(8 bids received 2-7-67)		
Nova Co. (Avon, Ohio)		
Base Bid	<u>\$ 47,769.00</u>	<u>\$ 44,000.00</u>

March 9, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Mansfield Branch, Phase II (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(6 bids received 2-7-67)		
Burks & Needles Co. (Sycamore, Ohio)		
Base Bid	\$ 195,000.00	\$ 150,000.00
Alt. H-2 Library Remodeling (Phase I)	+ 10,200.00	+ 2,000.00
Alt. H-3 Third Floor Remodeling (Phase I)	+ 880.00	+ 240.00
Negotiated Revisions	- 5,250.00	
Total Contract	<u>\$ 200,830.00</u>	<u>\$ 152,240.00</u>
 <u>Electrical Contract</u>		
(3 bids received 2-7-67)		
Buchman's Electrical Construction (Mansfield, Ohio)		
Base Bid	\$ 86,842.00	\$ 68,175.00
Alt. E-2 Library Remodeling (Phase I)	+ 1,068.00	+ 3,400.00
Alt. E-3 Third Floor Remodeling (Phase I)	+ 760.00	+ 2,520.00
Negotiated Revisions	- 3,126.00	
Total Contract	<u>\$ 85,544.00</u>	<u>\$ 74,095.00</u>
 <u>Total All Contracts</u>	 <u>\$ 899,990.00</u>	 <u>\$ 796,737.00</u>

Bids were in excess of estimates. Nonetheless, the Board of Regents and the Director of Public Works recommend proceeding since in their opinion no better bids will be developed by readvertising. Contracts will be awarded to respective low bidders. Originally, the Board of Regents provided \$900,000.00 from Item 235-006, H. B. 949. They now have directed that \$39,971.00 additionally be released from this source, and that \$110,029.00 be expended from a Federal Grant under Title I of the Higher Education Facilities Act, a portion of the grant award received under Mansfield, Phase I. The Controlling Board action is dated March 8, 1967. Total funds for the project are \$1,050,000.00.

Upon motion of Mr. Bricker, seconded by Mr. France, 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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March 9, 1967 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laundry Equipment - Internal Loan

It has been determined that equipment in the amount of \$127,000.00 will be needed for this facility. In order to implement the purchase, President Fawcett recommended that the sum of \$127,000.00 be transferred from Account 179992 to Account 911685 for this purpose and that repayments be made on the basis of 5 per cent interest payable upon the balance of the loan in accordance with accepted commercial practice. It was estimated that repayment will take ten years.

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

B. Printing Facility - Internal Loan

In order to provide the necessary funds to complete this facility, President Fawcett recommended that the sum of \$120,000.00 be transferred from Account 179992 to Account 801074 and that repayments be made on the basis of 5 per cent interest payable upon the balance of the loan in accordance with accepted commercial practice. It was estimated that repayment will take five years.

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

C. College of Dentistry - Internal Loan

In order to provide the necessary funds to have schematics prepared for an application for Federal funds for this project, President Fawcett recommended that \$14,100.00 be transferred from Account 179992 to Account 801110 with the understanding that repayment will be made from State appropriations and the Federal Grant.

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

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VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of George J. Hamwi, M. D., Professor in the Department of Medicine and Director of the Division of Endocrinology and Metabolism; Lida Hays, Assistant Professor Emeritus in the Department of Physical Education; Lloyd B. Fidler, Assistant Professor Emeritus in the Department of Agricultural Education; and Wilbur F. Stewart, Professor Emeritus in the Department of Agricultural 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.

March 9, 1967 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. George J. Hamwi, M. D.

The Board of Trustees expresses its sorrow at the death on February 14, 1967, of George J. Hamwi, M. D., Professor in the Department of Medicine and Director of the Division of Endocrinology and Metabolism.

George John Hamwi was born July 23, 1914, in New York City where he received his early education. After two years at Columbia University, he attended the American University of Beirut and there received his Bachelor of Science degree in 1936. He received his medical degree at the same institution four years later. Following internships at the Metropolitan Hospital in New York City and the Presbyterian Hospital of Philadelphia, he spent four years in active duty in the United States Navy, a part of this time attached to the Marine Corps. He returned from the war to The Ohio State University where he took residencies in pathology and internal medicine and followed this with a year as Fellow in endocrinology and metabolism at Cornell University. In 1949 he returned to Ohio State as Assistant Professor of Medicine in the newly established Division of Endocrinology and Metabolism and was primarily responsible for the growth and development of this Division to its present size and professional stature. In 1960 he was instrumental in obtaining the award of a Clinical Research Center by the National Institutes of Health to the College of Medicine and was Director of this Center until June, 1965.

Dr. Hamwi's professional affiliations were many. He was a member of the Central Society for Clinical Research, the New York Academy of Sciences and the American Federation for Clinical Research. His memberships in clinical specialty societies were many and included The American College of Physicians, The American Thyroid Association, The American Cancer Society, The American Geriatrics Society, The American Society of Clinical Nutrition and others. He was past president of the Ohio State Medical Association and chairman of the Council on Foods and Nutrition of the American Medical Association.

Dr. Hamwi took very seriously the traditional and ideal, but usually impossible, roles of the academic physician--those of teacher, clinician and investigator--and he pursued each of these three roles with a zeal and effectiveness which is seldom approached by modern academicians. He was keenly aware of the fact that university physicians generally do not take a sufficiently active interest and responsibility in the administrative and political activities of organized medicine. He devoted literally hundreds of hours of energetic effort in his activities in behalf of the local and state medical societies and in the American Medical Association. He was one of the founders of the local Society of Internal Medicine and took an active interest and participation in organizing the state and national societies of internal medicine.

Professor Hamwi exhibited many evidences of his talents as a teacher, both in bedside demonstration and in didactic exposition. His chairmanship of the Committee on Professional Education of the American Diabetes Association was only one of many evidences of this interest.

March 9, 1967 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. George J. Hamwi, M. D. (continued)

Dr. Hamwi had many basic as well as clinical research interests. However, the strongest were those in connection with diabetes mellitus specifically, and in carbohydrate and lipid metabolism in general. His contributions in this sphere are well known to those in the field.

Dr. Hamwi's main non-professional interest and hobby was his devotion to his family and to his friends. However, even outside this circle, his humor, warmth and generosity will always be remembered.

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

B. Lida Hays

The Board of Trustees expresses its sorrow at the death on February 7, 1967, of Lida Hays, Assistant Professor Emeritus in the Department of Physical Education.

Professor Hays was born in Columbus, Ohio, on October 14, 1901. She was graduated from The Ohio State University where she received her Bachelor's degree in 1923. In 1928 she earned her Master's degree from Teacher's College of Columbia University.

Professor Hays taught at The Ohio State University from 1935 to 1937 and from 1945 to 1966. She was promoted to Assistant Professor in 1955. During her teaching career she also held positions in the high schools of Middletown, Ohio, and Uniontown, Pennsylvania, as well as at Hood College and Wittenberg University.

Professor Hays was a member of the Midwest and National Associations for Physical Education of College Women, The Women's Physical Education Section of the Ohio College Association and the American Association for Health, Physical Education, and Recreation.

Professor Hays in her very warm and helpful way made her greatest contributions to the Department by her willingness to assume many of the less popular assignments in teaching and in the supervision of recreation. Her outstanding contribution to her students was in beginning courses where she was unusually successful in helping them attain success and satisfaction. She also was effective in building up interest in student activities and aiding them in bringing their projects to successful conclusions.

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.

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Lloyd B. Fidler

The Board of Trustees expresses its sorrow at the death on February 17, 1967, of Lloyd B. Fidler, Assistant Professor Emeritus in the Department of Agricultural Education.

Professor Fidler was born on a farm in Knox County, Ohio, on June 30, 1893. He received his Bachelor's degree in 1925 and his Master's degree in 1934 from The Ohio State University. He taught vocational agriculture in Waldo, Ohio, High School for five years before becoming associated with The Ohio State University as a cooperating instructor at Canal Winchester. In this capacity, he directed the work of student teachers in vocational agriculture. As a teacher, he was very successful in organizing and conducting year-round programs for young and adult farmers.

Mr. Fidler was associated with the State Department of Education as a Supervisor for Special Programs including war-production training and agricultural-veterans training. In his most recent years as an associate with the Department of Agricultural Education and State Department of Education, he gave special emphasis to adult education programs.

Mr. Fidler was a member of Gamma Sigma Delta, Phi Delta Kappa, National Education Association, The American Vocational Association and its affiliates. He had the distinction of serving as President of the Ohio Vocational Agriculture Teachers Association. Throughout the years, he was very active in community organizations.

Mr. Fidler was an excellent and dedicated teacher. He was thorough, stimulating and thought provoking. He worked tirelessly in helping meet individual needs and in improving the community of which he was a part. His contribution to agricultural education has been significant.

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.

D. Wilbur F. Stewart

The Board of Trustees expresses its sorrow at the death on February 18, 1967, of Wilbur F. Stewart, Professor Emeritus in the Department of Agricultural Education.

Professor Stewart was born June 28, 1885, on a farm in northern Illinois. He received his Bachelor's degree at the University of Wisconsin and his Doctor of Philosophy degree from Columbia University. He started his teaching career in elementary education and later was a teacher of agriculture and school superintendent at Tracy, Minnesota. He came to Ohio in 1917 as a teacher-educator and state supervisor of agricultural education. He had the responsibility to develop the original program to prepare teachers of vocational agriculture. He served as Professor and Chairman of the Department of Agricultural Education until 1948.

March 9, 1967 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Wilbur F. Stewart (continued)

Dr. Stewart was an outstanding teacher who gave emphasis to such basic aspects in agricultural education as the development of individual farming programs and problem-solving methods of teaching as applied to agriculture. Many of these sound procedures have been reported in his book, Methods of Teaching in Agriculture. He emphasized the development of abilities in parliamentary procedure and prepared a handbook that has been distributed widely throughout the world.

Dr. Stewart was called upon to serve in a number of institutions as a visiting professor and to speak to many teacher groups. He served as Vice President of the American Vocational Association and was editor of the "Agricultural Education Magazine."

Dr. Stewart was held in high regard by the members of his profession. He has made a lasting impression upon the development of a program which has stressed the integration of theory and practice. His contribution to agricultural education and vocational education for more than forty years has been significant.

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. REPORTS

A. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated February 28, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

B. Annual Report for The Ohio State University Research Foundation

Mr. Mount reported that the 30th Annual Report - 1966 for The Ohio State University Research Foundation has been received. A copy of this report will be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, April 13, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

APPENDIX VII

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

March 16, 1967

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Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Vijay Kumar Arya.....Malout, Punjab, India
B.E. (Hons.), M.E. (University of Rajasthan)
Dissertation: Analysis of Some Traffic Intersection Problems via Queueing Models and Graph Theory
Field of Specialization: Electrical Engineering
- Kyu Sun Bai.....Seoul, Korea
B.S. (Seoul National University); M.S. (Washington State University)
Dissertation: Equilibrium and Kinetic Studies of Formation of Metal Complexes of Salicylaldehyde-Glycine Schiff Base
Field of Specialization: Chemistry
- Nancy Lee Bell.....Worthington
B.Sc., M.Sc.
Dissertation: Studies on the Structure of a Pseudomonas Glycopeptide Exhibiting Rh₀(D) Specificity
Field of Specialization: Microbiology
- Edwin Bernard Champagne.....Dayton
B.S. (Michigan State University); M.S. in E.E. (University of Southern California)
Dissertation: A Qualitative and Quantitative Study of Holographic Imaging
Field of Specialization: Electrical Engineering
- Hsing-Yiu Chen.....Taipei, Taiwan, China
B.S. in Agr. (National Taiwan University); M.Sc.
Dissertation: Structure and Productivity of Capital in the Agriculture of Taiwan and Their Policy Implications to Agricultural Finance
Field of Specialization: Agricultural Economics and Rural Sociology
- Howard Harward Christensen.....Reno, Nevada
B.S. (Utah State University); M.E. (Colorado State University, Fort Collins)
Dissertation: Education for Off-Farm Agricultural Occupations in Nevada
Field of Specialization: Agricultural Education
- John Wesley Constable.....St. Louis, Mo.
B.A. (Concordia Seminary, Missouri); M.A. (State University of Iowa)
Dissertation: Johann Brenz's Role in the Sacramentarian Controversy of the Sixteenth Century
Field of Specialization: History
- Francis Bernard Cook.....Copley
B.S., M.S. (John Carroll University)
Dissertation: Alkaline Deoxidation of Cyclopropylcarbinol, Cyclobutanol, and Allylcarbinol and the Mechanisms of Base-Catalyzed Decomposition of Tosylhydrazones in Protonic Solvents
Field of Specialization: Chemistry

- Joseph Lloyd Davis.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Impact of Urban Migration upon the "Civic Power" of the Central-City School District
Field of Specialization: Education
- Bernard A. Deutzer.....Columbus
 A.B. (Allegheny College); M.Litt. (University of Pittsburgh)
Dissertation: Measuring the Effectiveness of a Selected Management Development Program
Field of Specialization: Business Organization
- Tennieson Handley Thomas Diehl.....Oxford
 A.B. (Earlham College); M.S. (University of Delaware)
Dissertation: A Study of Attitude and Thought Pattern Changes Resulting from the Use of a Physical Science Course for Nonscience Majors
Field of Specialization: Education
- Daniel Lee Dindal.....Findlay
 B.Sc. in Agr., B.Sc. in Edu., M.A.
Dissertation: Kinetics of C1³⁶ DDT in Wild Waterfowl
Field of Specialization: Zoology and Entomology
- Calvin Buddy Early.....Columbus
 B.S. (United States Coast Guard Academy); B.A., M.D.
Dissertation: Dynamic Pressure-Flow Relationships of Brain Blood Flow in the Monkey
Field of Specialization: Physiology
- Mahmoud Samy Hassan El-Sawah.....Alexandria, Egypt
 B.S. (Alexandria University); M.Sc.
Dissertation: Optimum Pattern Ordering Based upon a Partially Ordered Pattern Set
Field of Specialization: Electrical Engineering
- Charlotte Buff Evans.....New Concord
 B.S. (Edu.) (University of Wisconsin); M.A. (Middlebury College)
Dissertation: Wilhelm von Humboldts Auffassung vom Ursprung der Sprache
Field of Specialization: German
- William Charles Farley.....Rochester, N. Y.
 B.S., M.S. (Xavier University, Ohio)
Dissertation: New Aspects of the Chloramine-Phenoxide Reaction
Field of Specialization: Chemistry
- Lore Schefter Ferguson.....Coventry, Conn.
 B.A. (Hartwick College, New York); M.A.
Dissertation: Die Blechtrommel von Günter Grass: Versuch einer Interpretation
Field of Specialization: German

- Milton Eugene Franke.....Dayton
 B. of M.E. (University of Florida); M.S. (University of Minnesota)
Dissertation: Effects of Electrostatic Fields on Free-Convection Heat Transfer from Plates in Air
Field of Specialization: Mechanical Engineering
- Thomas Clarence Froehle.....Thief River Falls, Minn.
 B.A. (Saint John's University, Minnesota); M.Ed. (University of North Dakota)
Dissertation: Disconfirmation of Expectancies in Counseling
Field of Specialization: Education
- Om Parkash Gautam.....Narnaund, Punjab, India
 B.V.Sc. (Punjab College of Veterinary Science and Animal Husbandry); M.Sc.
Dissertation: Detection of Erythrocyte Bound Globulin in Plasmodium gallinaceum Infected Chickens
Field of Specialization: Veterinary Medicine
- Richard Davis Gordin.....Delaware
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: Robert Tyre Jones, Jr.—His Life and Contributions to Golf
Field of Specialization: Physical Education
- Albert Godfrey Greene, Jr.....Sapelo Island, Ga.
 B.S. (Kent State University); M.Sc.
Dissertation: A Comparison of Certain Free Amino Acids in Acotyledonous Embryos and Cotyledons with Seed Coats of Germinating Peas
Field of Specialization: Botany and Plant Pathology
- Edward Kenneth Greenwald.....Columbus
 B.Sc. in Phys.
Dissertation: Erythrocyte Flow Quantization in Capillaries
Field of Specialization: Biophysics
- Gerald Michael Gregorek.....Columbus
 B.Aero.E., M.Sc.
Dissertation: Viscous Effects on Blunt Cones at Hypersonic Speeds
Field of Specialization: Aeronautical and Astronautical Engineering
- Malkiat Singh Guram.....Ludhiana, Punjab, India
 B.Sc. (East Punjab University); M.Sc.Agr. (Punjab University)
Dissertation: Disappearance of Endosulfan and Related Compounds on Plants under Greenhouse Conditions
Field of Specialization: Zoology and Entomology
- George Oliver Harrell.....Raleigh, N. C.
 B.C.E., M.S. (North Carolina State College)
Dissertation: The Influence of Ambient Atmosphere in Maturation of Structural Ceramics
Field of Specialization: Ceramic Engineering

- Benson Hambleton Hart**.....Hudson
 B.A. (Haverford College); M.A.
Dissertation: Governmental Policy and the British Balance of Payments, 1959-1965
Field of Specialization: Economics
- Henry John Heckman**.....Louisville, Ky.
 M.A. (University of Notre Dame)
Dissertation: A Critical Examination of R. M. Hare's Prescriptive Universalism
Field of Specialization: Philosophy
- Arthur Lee Holt**.....Dayton
 B.B.A., M.B.A. (University of Texas)
Dissertation: Design and Test of a Sponsor's Measure of Effectiveness for Scientific and Technical Information Centers
Field of Specialization: Business Organization
- Kuang Hung Hu**.....Taipei, Taiwan, China
 B.Sc. (Catholic University, Peiping, China)
Dissertation: Fluorescence Properties of Acriflavine-Polynucleotide Complexes
Field of Specialization: Chemistry
- David Lee Hutchins**.....Columbus
 B.Sc. in Phys.
Dissertation: Asymptotic Series Describing the Diffraction of a Plane Wave by a Two-dimensional Wedge of Arbitrary Angle
Field of Specialization: Electrical Engineering
- Gertrude E. Hutter**.....Bellbrook
 B.S. in Edu., M.A. in Edu. (Ball State Teachers College)
Dissertation: Children's Evaluations of Their Own Articulation of Selected Sounds
Field of Specialization: Speech
- David Manlove Jones**.....Columbus
 A.B. (Capital University); M.A.
Dissertation: The Effect of Title III Projects of the Elementary and Secondary Education Act of 1965 on the Administrative Organization of Ohio School Districts
Field of Specialization: Education
- Troy Homer Jones, Jr.**.....Burke, Va.
 B.A. (University of Florida); M.Litt. (University of Pittsburgh)
Dissertation: A Study of Selected Aspects of the Use of Incentive Contracts in United States Air Force Procurement Management
Field of Specialization: Business Organization
- Elmore M. Kennedy, Jr.**.....Philadelphia, Pa.
 B.S. (Wilberforce University); M.Sc.
Dissertation: The Phase Transformation in Cobalt by Electron Transmission
Field of Specialization: Metallurgical Engineering

- Claire Joyce Levine Lehr..... Columbus
 B.A. in Edu., M.S. (University of Arizona)
Dissertation: The Impact of a Family Move on the Child as Perceived by the Child and His Mother
Field of Specialization: Home Economics
- Ellen Anna Leinonen.....Ypsilanti, Mich.
 B.S., M.S. (University of Michigan)
Dissertation: Cytochemical Studies of Acute Leukemias
Field of Specialization: Anatomy
- Hsi-Che Lin.....Taipei, Taiwan, China
 B.S. (National Taiwan University); M.S. (University of Chicago)
Dissertation: An Investigation of the Stability Relations of BaAl₂Si₂O₈ (Celsian) in the System BaO-Al₂O₃-SiO₂
Field of Specialization: Mineralogy
- Merwin John Lyng.....Mayville, N. Dak.
 B.A. (Mayville State College, North Dakota); A.M. (Colorado State College of Education)
Dissertation: Relation of Knowledge of Contemporary Mathematics to Other Variables for a Sample of Experienced Secondary Teachers
Field of Specialization: Education
- Arthur Solomon Mangaroo.....St. Catherine, Jamaica, W. I.
 B.S. (Agricultural and Technical College of North Carolina); M.Sc.
Dissertation: Influence of Organic Compounds on the Movement of Strontium Ions in Soil
Field of Specialization: Agronomy
- Jerry Marvin Mann.....Portsmouth
 B.S. (Ohio University); M.Sc.
Dissertation: A Characterization of the Lipids of Shigella dysenteriae
Field of Specialization: Microbiology
- Douglas Lee Marks.....Burlington, Vt.
 B.A. (University of Vermont)
Dissertation: Substituent Effects in Organosilicon Chemistry
Field of Specialization: Chemistry
- James Hannis McLean.....Knoxville, Tenn.
 B.S. (Livingston State College, Alabama); M.B.A. (University of Alabama); LL.B. (Emory University)
Dissertation: Economic and Fiscal Effects of an Immediate Deduction of Plant and Equipment Expenditures for Income Tax Purposes
Field of Specialization: Accounting
- Carl Henry Miller, Jr..... Columbus
 B.Sc.
Dissertation: The Effect of Dimethyl Sulfoxide on the Percutaneous Absorption of 6-Mercaptopurine
Field of Specialization: Physiological Chemistry

- John Edward Olson.....Chicago, Ill.
 B.S. (Illinois Institute of Technology)
Dissertation: Addition Theorems in Elementary Abelian Groups
Field of Specialization: Mathematics
- Robert Clay Pandorf.....Foster
 A.B., M.A. (Miami University)
Dissertation: Heat Capacity and Other Properties of Solid Helium
Field of Specialization: Physics
- George Jay Phinney.....Worthington
 B.Sc. in Agr., M.Sc.
Dissertation: An Ecological Comparison of Two Streams in Central Ohio
Field of Specialization: Zoology and Entomology
- James Theodore Ranson.....Columbus
 B.S. (West Virginia University); M.A. (Marshall University)
Dissertation: A Study of the Combined Effects of Teacher Personality, Pupil Sex, Course Content, and Pupil Interest on Learning
Field of Specialization: Education
- Michael William Rohovsky.....Youngstown
 D.V.M., M.Sc.
Dissertation: Experimental Feline Infectious Enteritis in the Germ-free Cat
Field of Specialization: Veterinary Pathology
- Naunihal Singh Ruprah.....Delhi, India
 B.Sc., B.V.Sc. (Punjab University); M.V.Sc. (Agra University)
*Dissertation: Effects of Bovine Diet on Oviposition, Larval Development, and Pupation of the Face Fly, *Musca autumnalis* DeGeer*
Field of Specialization: Veterinary Parasitology
- John Allen Shaddock.....Middlefield
 D.V.M., M.Sc.
Dissertation: Studies of the Pathogenic Properties of a Porcine Adenovirus
Field of Specialization: Veterinary Pathology
- Edward Joseph Shipsey.....Red Bluff, Calif.
 B.S. (Stanford University)
Dissertation: An X-ray Diffraction Investigation of Concentrated Solutions of CaCl_2 and MgCl_2
Field of Specialization: Chemistry
- Steffen Wesley Smith.....Dayton
 B.Sc., M.Sc.
Dissertation: Kinetic and Equilibrium Studies of Steroid Cyclic Ketal Formation and Hydrolysis
Field of Specialization: Chemistry
- William Anthony Soffa.....Duquesne, Pa.
 B.S. in Met.E. (Carnegie Institute of Technology); M.Met.Engr. (Rensselaer Polytechnic Institute)
Dissertation: A Field-Ion Microscopy Study of Some Tungsten-Rhenium and Molybdenum-Rhenium Alloys
Field of Specialization: Metallurgical Engineering

- Aubrey South, Jr.....Muskogee, Okla.
 B.S. (Oklahoma State University)
Dissertation: Oxidative Cleavage of Cyclopropanes with Thallic Acetate
Field of Specialization: Chemistry
- James Scott Taylor.....Provo, Utah
 B.A., M.A. (Brigham Young University)
Dissertation: Length of Sequence, Continuity, and Articulation in the Teaching of Modern Foreign Languages in Ohio
Field of Specialization: Education
- John Frederick Tschanz.....Lima
 B.Sc. in Phys.
Dissertation: The Decay Scheme of Cs-129
Field of Specialization: Physics
- Bihari Lal Vaishnavi.....Kashmir, Srinagar, India
 B.Sc. in Ag.Engr. (University of Allahabad); M.Tech. (Indian Institute of Technology)
Dissertation: Theoretical Analysis of Initial Velocity Effects in Turbulent Dispersion of Discrete Particles
Field of Specialization: Agricultural Engineering
- Pierre Joseph van Pottelsberghe de la Potterie.....Brussels, Belgium
Dissertation: Changes in Composition of Potato Tubers Following Applications of Defoliant
Field of Specialization: Horticulture and Forestry
- Gordon Payne Waldo.....Hope Mills, N. C.
 B.A. (University of North Carolina); M.A.
Dissertation: Boys' Perceptions of Outer Containment and Delinquency Potential
Field of Specialization: Sociology and Anthropology
- David Underwood Webb.....Cincinnati
 B.A. (Ohio Wesleyan University)
Dissertation: The Infrared Absorption Spectra of Heated Hydrogen Halides
Field of Specialization: Physics
- Eugene Li Chun Yang.....Rome, Italy
 B.M.E., M.Sc.
Dissertation: An Analytical and Experimental Investigation of the Effects of Superimposed Longitudinal Vibration on the Rate of Penetration of a Pile-Simulating Rod
Field of Specialization: Mechanical Engineering
- David Edward Young.....Beaumont, Tex.
 B.S. (Baylor University); M.Sc.
Dissertation: Isolation and Reactions of Organoborane Heterocycles Containing Hydrogen Bridges
Field of Specialization: Chemistry

(Sixty-three candidates)

Master of Accounting

William Martin Richardson.....Columbus
B.A. (Vanderbilt University)
Field of Specialization: Accounting
(One candidate)

Master of Arts

Robert Ernest Abram.....Cleveland
B.Sc.
Field of Specialization: Psychology

Charles Nelson Amos.....Mt. Orab
A.B. (Morehead State College, Kentucky)
Field of Specialization: Music

Jon George Amstutz.....Dalton
B.A. (University of Chicago)
Field of Specialization: German

Mary Margaret Linskey Anderson.....Columbus
B.Sc. in Edu.
Field of Specialization: Education

Jeremiah Joseph Anglim.....Worthington
B.Sc. in Edu.
Field of Specialization: History

Clyde Fenton Archer.....LaGrange
B.Sc. in Agr.
Field of Specialization: Agricultural Education

June Kiger Baughman.....Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Physical Education

Jack Leo Bodden.....Houston, Tex.
B.A. (Southwestern University)
Field of Specialization: Psychology

Zinny Sans Bond.....Akron
B.A. (University of Akron)
Field of Specialization: English

Karen Lee Booth.....North Canton
A.B. (Ashland College)
Field of Specialization: Political Science

Joan Chinsley Bownas.....Columbus
A.B. (Earlham College, Indiana)
Field of Specialization: Education

Michael Ross Bredoff.....Redwood City, Calif.
B.S. (Wittenberg University)
Field of Specialization: Slavic Languages

- Philip Leslie Brown.....Wilmington
 B.A., B.Sc. in Edu.
Field of Specialization: History
- Barbara Douglass Buus.....Columbus
 B.A. (North Texas State University)
Field of Specialization: English
- Frederick Francis Campbell.....Elmira, N. Y.
 B.A. (Saint Lawrence University, New York)
Field of Specialization: History
- Elizabeth Waldkoetter Cennamo.....Columbus
 B.Sc. in Edu.
Field of Specialization: Psychology
- Eleanor Berdina Collins DeLoache.....Columbus
 B.S. in H.Eco. (Prairie View State Normal and Industrial College);
 M.S. (Kansas State University)
Field of Specialization: Education
- Robert Coombs Detwiler.....Arlington, Va.
 B.A. (University of Maryland)
Field of Specialization: German
- Dale Eugene Dildine.....Leipsic
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Louis Dilenschneider.....Columbus
 B.A. (University of Notre Dame)
Field of Specialization: Journalism
- Patricia Lott Downing.....Worthington
 B.B.A. (University of Georgia)
Field of Specialization: Journalism
- John Joseph Fenstermaker, Jr.....Glenview, Ill.
 B.A.
Field of Specialization: English
- William Eayre Flinn, Jr.....Mansfield
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Timothy M. Flood.....Elyria
 B.A. (Kent State University)
Field of Specialization: Romance Languages
- Jack Harvey Francis.....Cuyahoga Falls
 B.A. (Kent State University)
Field of Specialization: Political Science
- Jo Ann Friesen.....Reno, Nev.
 B.A. (Sacramento State College)
Field of Specialization: Physical Education

- Valorie Stauffer Gilbert.....Columbus
 A.B. (Antioch College)
Field of Specialization: Psychology
- Phyllis Teski Glass.....Campbell
 B.S. in Ed. (Youngstown University)
Field of Specialization: Education
- William John Gorse.....Euclid
 B.Sc. in Edu.
Field of Specialization: Education
- Thomas Matthew Hackett.....Columbus
 B.A.
Field of Specialization: History
- Ginger Irene Hamilton.....Portsmouth
 B.S.Ed. (Ohio University)
Field of Specialization: Psychology
- Ira Brown Harkey, Jr.....Columbus
 B.A. (Tulane University)
Field of Specialization: Journalism
- Ellen Rozelle Hock.....Columbus
 B.Sc. in Edu.
Field of Specialization: Psychology
- Kenneth Eugene Hoeltzel.....Tiffin
 B.Sc. in Edu.
Field of Specialization: Education
- Edward Warren Houston.....Columbus
 B.A. (Newark State College, New Jersey)
Field of Specialization: Education
- Todd Terrance Hunt.....St. Paul, Minn.
 B.A. (University of Minnesota)
Field of Specialization: Journalism
- Marvin Harold Jacobson.....Teaneck, N. J.
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Fred Eric Kohler.....Cleveland
 B.A.
Field of Specialization: Geography
- Ellen Deborah Kornweiss.....Far Rockaway, N. Y.
 B.Sc. in H.E.
Field of Specialization: Education
- Joseph Edward Krok.....Youngstown
 B.A. (Youngstown University)
Field of Specialization: History

- Mary Josephine Long.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: History
- John Aloysius MacDonald.....Columbus
 B.A.
Field of Specialization: Journalism
- Mary Lee Martin.....Columbus
 B.A.
Field of Specialization: German
- Eleanor Gray McKittrick.....Cleveland
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Patrick Wilson McLeod II.....Hamilton
 B.Sc. in Edu.
Field of Specialization: History
- Peter Edward Murphy.....St. Albans, Herts, England
 B.Sc. (University of London)
Field of Specialization: Geography
- Leon Harry Nawrocki.....Bedford
 B.Sc.
Field of Specialization: Psychology
- Francis Anthony Niland.....Cumberland, Md.
 B.S. (Frostburg State College, Maryland)
Field of Specialization: Geography
- Dana Wood Oravets.....Columbus
 A.B. (University of Georgia)
Field of Specialization: Political Science
- Manuel Joseph Ortuno.....New York, N. Y.
 B.A.
Field of Specialization: Romance Languages
- Ralph Lowell Parrill.....Gahanna
 B.F.A.
Field of Specialization: Education
- Lowell Clair Peck.....Ashland
 B.S. in Edu. (Miami University)
Field of Specialization: Education
- Kenneth Chester Pendleton.....Mansfield
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Deanna M. Pommerenk.....Mt. Clemens, Mich.
 B.S. (Central Michigan University)
Field of Specialization: Physical Education

- Klaus Dieter Post.....Essen, Germany
 B.A. (Universitat Bonn)
Field of Specialization: German
- Joyce Small Powers.....Columbus
 B.Sc. in Edu.
Field of Specialization: Speech
- Edgar Rarey.....Groveport
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Victor Curtis Rowley, Jr.....West Jefferson
 A.B. (Saint Meinrad Seminary, Indiana)
Field of Specialization: English
- George Fredric Schladen, Jr.....Girard
 B.A. (Kenyon College)
Field of Specialization: English
- Shirley Grinstead Schlafman.....Wilmington
 B.A., B.Sc. in Edu.
Field of Specialization: History
- Gerald Lamar Schmidt.....Columbus
 B.S. (University of Oklahoma)
Field of Specialization: English
- Ronald Michael Schmidt.....Canton
 B.A.
Field of Specialization: Economics
- Thomas Gilmore Shroyer.....Worthington
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Rebecca Miller Shultz.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Todd Smallwood.....Minerva
 B.A. (College of Wooster)
Field of Specialization: History
- Richard Emmanuel Smith.....New Amsterdam, Guyana
 B.A. (Inter-American University of Puerto Rico); B.D. (Waterloo
 Lutheran University, Canada)
Field of Specialization: English
- Linda Beusse Soons.....Columbus
 B.S. (State University of New York at Albany)
Field of Specialization: Education
- Charles Stanford Steinger.....St. Louis, Mo.
 B.A. (University of Colorado)
Field of Specialization: History

- Betsy Marie Tolar..... Euclid
 B.Sc. in Edu.
Field of Specialization: Education
- Phyllis Snow Trubov..... Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Arlene Hans Way..... Youngstown
 B.S. in Edu. (Miami University)
Field of Specialization: Education
- Robert Lee Whitmer..... Petersburg, W. Va.
 B.S. (Sec.Ed) (West Virginia University)
Field of Specialization: Education
- Mary Ann Winfield..... Grove City
 B.S. in Ed. (College of Saint Mary of the Springs)
Field of Specialization: Education
- Alice Townshend Wing..... Elmira, N. Y.
 A.B. (Goucher College)
Field of Specialization: Psychology
- Joseph Klaus Wittemann..... Oceanside, N. Y.
 B.S. (State University College, Plattsburgh, New York)
Field of Specialization: Education
- Linda Hill Wolanczyk..... Cheektowaga, N. Y.
 B.S. in Edu. (State University of New York, Buffalo)
Field of Specialization: Art
- Robert Michael Yoder..... West Liberty
 B.Sc.
Field of Specialization: Psychology
- Charles David Youngerman..... Springfield
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Milda Marija Zemaitis..... Amsterdam, N. Y.
 A.B. (University of Michigan)
Field of Specialization: Slavic Languages
 (Seventy-nine candidates)
- Master of Business Administration**
- Lee John Arthurs..... Dayton
 B.S.E.E. (Purdue University)
Field of Specialization: Business Organization
- Stephen Edward Barndt..... Seattle, Wash.
 B.S. in Agr. (State College of Washington)
Field of Specialization: Business Organization

- Robert John Beatty.....Albany, N. Y.
 B.Mgt.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Business Organization
- Stephen Michael Buttress.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Elmer Deats.....Roca, Nebr.
 B.S. in Edu. (University of Nebraska)
Field of Specialization: Business Organization
- Orville Edward Dickerson.....Calipatria, Calif.
 B.S. (University of California at Los Angeles)
Field of Specialization: Business Organization
- Judson Charles Faurer.....Philadelphia, Pa.
 B.S. (United States Military Academy)
Field of Specialization: Business Organization
- Martin Paul Foreman.....Pittsburgh, Pa.
 B.A. (Duquesne University)
Field of Specialization: Business Organization
- Thomas Louis Gerlacher.....Bridgeport
 B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Ronald John Glaros.....Youngstown
 B.S. in B.A. (Youngstown University)
Field of Specialization: Business Organization
- Michael Truman Graydon.....Oswego, Ore.
 B.A. (Willamette University, Oregon)
Field of Specialization: Business Organization
- Chan Ki Hahn.....Seoul, Korea
 B.C. (Yonsei University)
Field of Specialization: Business Organization
- Ronald Leon Ham.....Stillwater, Okla.
 B.S. (Oklahoma State University)
Field of Specialization: Business Organization
- Harold Ball Harris, Jr.....Fairborn
 B.B.A. (Memphis State University)
Field of Specialization: Business Organization
- Stephen James Hart.....Toledo
 B.S.E.E. (University of Toledo)
Field of Specialization: Business Organization
- Ted Harold Hess.....Dayton
 B.A. (Pennsylvania State University)
Field of Specialization: Business Organization

- John Roger Jackson.....Sidney
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- David Alan Lipp.....Columbus
 B.Sc.
Field of Specialization: Business Organization
- Robert Charles Miller.....Pendleton, Ore.
 B.A. (Willamette University, Oregon)
Field of Specialization: Business Organization
- Edwin Eugene Pettit.....Mountain View, Calif.
 B.S. (Brigham Young University)
Field of Specialization: Business Organization
- Michael Thomas Power.....Great Falls, Mont.
 B.A. (Gonzaga University)
Field of Specialization: Business Organization
- Larry Rosenberg.....Philadelphia, Pa.
 B.S. in Bus.Adm. (Drexel Institute of Technology)
Field of Specialization: Business Organization
- George Kenneth Ross.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization
- Robert Carroll Roussey.....Coatesville, Pa.
 B.A. (Michigan State University)
Field of Specialization: Business Organization
- John Lathrop Schlacter.....Hudson
 B.B.A. (Western Reserve University)
Field of Specialization: Business Organization
- Michael Duard Smith.....Dayton
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Richard Alan Stimson.....Dayton
 Mech.Engr. (University of Cincinnati)
Field of Specialization: Business Organization
- Lawrence John Szambelan.....Westerville
 B.S. in Bus.Adm. (Duquesne University)
Field of Specialization: Business Organization
- Jack Wendell Thompson.....Groesbeck, Tex.
 B.S. (University of Maryland)
Field of Specialization: Business Organization
- Allen Joseph Tiedman.....Cleveland
 B.S.C. (Ohio University)
Field of Specialization: Business Organization

Kenneth Leroy Ward.....Des Moines, Ia.
B.S. in Bus. Adm. (Simpson College)
Field of Specialization: Business Organization

Wendell Wallace Winn.....Greenfield, Ia.
B.S. in Com. (State University of Iowa)
Field of Specialization: Business Organization
(Thirty-two candidates)

Master of Music

Charlene Mae Oetjen.....Columbus
B. of Mus. (Baldwin-Wallace College)
Field of Specialization: Music
(One candidate)

Master of Science

Judith Cornwell Allen.....Woodburn, Ore.
B.S. (Seattle Pacific College)
Field of Specialization: Mathematics

Vernon Meneese Allison, Jr.....Portland, Tenn.
B.A. (Vanderbilt University)
Field of Specialization: Mathematics

John Christopher Avellone.....Mentor
B.S. (Case Institute of Technology)
Field of Specialization: Astronomy

Joseph Raymond Baker.....Prescott, Wis.
B.S. (Wisconsin State University)
Field of Specialization: Electrical Engineering

William Lewis Baker.....Columbus
B.Sc.
Field of Specialization: Physics

Charles Edward Baumann.....Columbus
B.Ch.E.
Field of Specialization: Chemical Engineering

Ronald Richard Beck.....Columbus
B.S. (Ohio University)
Field of Specialization: Physiology

Robert Charles Bilikam, Jr.....Columbus
B.I.E.
Field of Specialization: Industrial Engineering

David Richard Billing.....Sidney
A.B. (Asbury College, Kentucky)
Field of Specialization: Microbiology

- Fred Richard Billman**.....El Paso, Tex.
 B.S. (Texas Western College)
Field of Specialization: Metallurgical Engineering
- Frank Allen Bouic**.....Ostrander
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- Walter Vay Breitigam**.....Findlay
 B.S. (Findlay College)
Field of Specialization: Chemistry
- Jo Carol Brown**.....Columbus
 B.Sc., B.Sc. in Edu.
Field of Specialization: Mathematics
- David Edwin Bull**.....Xenia
 B.S. (Michigan State University)
Field of Specialization: Agronomy
- Chan-po Francis Chan**.....Kowloon, Hong Kong, China
 B.A.Sc. (University of Toronto)
Field of Specialization: Physics
- James Harris Constable**.....Dayton
 B.Sc. in Phys.
Field of Specialization: Physics
- James William Cooper**.....Columbus
 A.B. (Oberlin College)
Field of Specialization: Chemistry
- William Lee Crist**.....Homeworth
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- John Richard Crunkilton**.....Butler
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Patrick Dean Culnan, Jr.**.....Columbus
 B.S. (University of Missouri)
Field of Specialization: Chemical Engineering
- Mark Dayhuff**.....Dellroy
 B.Sc. in Phys.
Field of Specialization: Physics
- William Franklin Deerhake**.....Findlay
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Robert Stephens DeLaney**.....Binghamton, N. Y.
 B.M.E. (Cornell University)
Field of Specialization: Mechanical Engineering

- Robert MacKenzie Dipert**.....Dayton
 B.S. in Chem.E. (Purdue University)
Field of Specialization: Chemical Engineering
- William Benson Donley**.....Grand Rapids, Mich.
 B.S. in E. (Brown University)
Field of Specialization: Electrical Engineering
- Robert James Fickess**.....Columbus
 B.S. (Columbia Union College, Maryland)
Field of Specialization: Microbiology
- Byron Starr Fitzgerald**.....Columbus
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Dagogo Michael Jim Fubara**.....Opobo Town, Nigeria
 R.I.C.S. (South West Essex Technical College, England)
Field of Specialization: Geodetic Science
- Gail Guy Gibson**.....Zanesville
 B.S. (Ohio University)
Field of Specialization: Geology
- Roger Allan Gruenke**.....Dayton
 B.E.E. (University of Minnesota)
Field of Specialization: Electrical Engineering
- Louis Ernest Guskey**.....Pittsburgh, Pa.
 B.S. (Capital University)
Field of Specialization: Microbiology
- Douglas Fleming Hale**.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- Robert Joseph Hart**.....Miami, Fla.
 B.S.Met.E. (University of Pittsburgh)
Field of Specialization: Metallurgical Engineering
- Delmer Dean Hayes**.....Richardson, Tex.
 B.S. in E.E. (Kansas State University)
Field of Specialization: Electrical Engineering
- Michael Montgomery Heil**.....Dayton
 B.E.E. (George Washington University)
Field of Specialization: Electrical Engineering
- Fredrick William Hetzel**.....Erie, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Chemistry
- James Anderson Hightower**.....Paris, Ill.
 A.B. (Oberlin College)
Field of Specialization: Anatomy

- Theodore Mathews Hollis.....Palo Alto, Calif.
 B.A. (San Jose State College, California)
Field of Specialization: Physiology
- Richard Alan Hopkins.....Galion
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Frank Donald Hotter.....Grand Junction, Colo.
 B.S. Geol.Engr. (Colorado School of Mines)
Field of Specialization: Geodetic Science
- Richard Lee Hummel.....Canal Winchester
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mary Jane Janki.....Cleveland Heights
 B.S. (Notre Dame College)
Field of Specialization: Chemistry
- Brahspati Kumar Joshi.....Bikaner, Rajasthan, India
 B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Dairy Science
- George William Kalb.....Cuyahoga Falls
 B.S. (College of Wooster)
Field of Specialization: Agricultural Engineering
- Robert Lyman Keeper.....Wellsville
 B.E.E.
Field of Specialization: Electrical Engineering
- Jeffrey Joseph Ketchman.....Columbus
 B.E. (City College, New York)
Field of Specialization: Mechanical Engineering
- Vincent Mervin King.....Charlotte, Mich.
 B.Sc. in Opt.
Field of Specialization: Optometry (Physiological Optics)
- Nancy Isner Kirkendall.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- Joanna Hunsinger Kister.....Williamsport
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Carl George Kopp.....Columbus
 B.S. (Elec.Eng.) (University of Buffalo)
Field of Specialization: Electrical Engineering
- Jack Kovach.....Jefferson, Pa.
 B.S. (Waynesburg College, Pennsylvania)
Field of Specialization: Geology

- Gary Stephen Kyker.....Niota, Tenn.
 B.S. (Tennessee Wesleyan College)
Field of Specialization: Chemistry
- James Richard Lombard.....Bainbridge Island, Wash.
 B.S. (Oregon State University)
Field of Specialization: Metallurgical Engineering
- Jeffrey Michael Luce.....Columbus
 B.Sc.
Field of Specialization: Physics
- William Clarence Maddox.....Worthington
 B.Sc. in Edu., D.D.S.
Field of Specialization: Dentistry
- William David Mason.....Mt. Sterling
 B.Sc. in Phar.
Field of Specialization: Pharmacy
- Lawrence Douglas Mathew.....Columbus
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Harold Dean McBurney.....Ashland
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Kenneth Norwood McKelvey.....Raleigh, N. C.
 B.S. in Ch.E. (University of North Carolina)
Field of Specialization: Chemical Engineering
- Lawrence Edward Mentzer.....Adena
 B.M.E.
Field of Specialization: Mechanical Engineering
- Bernard Ray Nirode.....Wooster
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Edward Sigmund Ojdana, Jr.....Canton
 B.S. in Aerospace Eng. (University of Notre Dame)
Field of Specialization: Aeronautical and Astronautical Engineering
- Gerald Fred Pacholke.....Cambridge, Mass.
 B.S. (Northeastern University)
Field of Specialization: Mathematics
- Richard Oldfield Parker, Jr.....Canton
 B.Sc.
Field of Specialization: Zoology
- James Edward Parrish.....Dayton
 B.Ch.E. (University of Dayton)
Field of Specialization: Chemical Engineering

- John Arthur Pearson**.....Fremont
 B.Sc.; B.S. in E.E. (Case Institute of Technology)
Field of Specialization: Physics
- Paul Wilton Pennock**.....Guelph, Ont., Canada
 B.S. (University of New Hampshire); D.V.M. (University of Toronto)
Field of Specialization: Veterinary Surgery
- Virginia Hall Petersen**.....Pella, Ia.
 B.S.Edu. (Northwest Missouri State College)
Field of Specialization: Home Economics
- William Bryant Phillips**.....Youngstown
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Daniel Glenn Piper**.....North Canton
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Mary Magdalen Poehlmann**.....Pittsburgh, Pa.
 B.S. in Home Econ. (Carnegie Institute of Technology)
Field of Specialization: Home Economics
- Harold Nelson Post**.....Hillsboro
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Harbhajan Singh Prihar**.....Jullundur, Punjab, India
 B.Sc. (Punjab University); M.Sc. (Agra University)
Field of Specialization: Chemistry
- Lakhpat Rai Pujara**.....Model Town, Delhi, India
 B.A., M.A. (University of Delhi)
Field of Specialization: Mathematics
- Dennis Charles Radabaugh**.....Hillsdale, Mich.
 B.A. (Albion College)
Field of Specialization: Zoology
- Sara Tuller Rader**.....Worthington
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Eleanor Mannino Reibel**.....Columbus
 B.S.Nurs. (University of Pennsylvania)
Field of Specialization: Nursing
- Robert Gleason Rich**.....Houston, Tex.
 B.S.Aero.Engr. (Texas Christian University)
Field of Specialization: Mathematics
- Jesse Colvin Ryles**.....Dayton
 B.S. in M.E. (University of Kentucky)
Field of Specialization: Electrical Engineering
- Amarpal Singh Sabharwal**.....Calcutta, India
 B.Sc. (Banaras Hindu University)
Field of Specialization: Electrical Engineering

- Sandra Laverne Sayers**.....Covington, Ky.
 B.S. in H.Ec. (University of Kentucky)
Field of Specialization: Preventive Medicine
- Maria Sylvia Schmid**.....Camp Springs, Md.
 B.S. (George Washington University)
Field of Specialization: Pathology
- Frank Lee Scott**.....New Orleans, La.
 B.S. (Tulane University)
Field of Specialization: Mathematics
- Robert Reynolds Shaefer**.....Ypsilanti, Mich.
 B.S.E. (University of Michigan)
Field of Specialization: Chemical Engineering
- Vasu Dev Sharma**.....Bikaner, Rajasthan, India
 B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Animal Science
- Ronald James Shubert**.....Dayton
 B.E.E. (Fenn College)
Field of Specialization: Electrical Engineering
- William Joseph Stager**.....Cleveland
 B.S. (Case Institute of Technology)
Field of Specialization: Mathematics
- Peter Szerenyi**.....Angola, Ind.
 B.S. (Cornell University)
Field of Specialization: Chemistry
- Francis Morgan Taylor**.....Dayton
 B.Sc.
Field of Specialization: Physics
- Charles Edward Thorne**.....Columbus
 B.A. (Bowling Green State University)
Field of Specialization: Chemistry
- Sally Heckert Uhde**.....Mansfield
 B.S. (Marietta College)
Field of Specialization: Mathematics (Computer Science)
- Daniel Clay Upp**.....Marion
 B.E.E.
Field of Specialization: Electrical Engineering
- Bruno van den Branden de Reeth**.....Brussels, Belgium
 Ing. Civil (Universite Libre de Bruxelles)
Field of Specialization: Civil Engineering
- John Conrad Van Keuren**.....Marion
 B.S. (University of Dayton)
Field of Specialization: Nuclear Engineering

- Larry Lee Venham.....McArthur
 D.D.S.
Field of Specialization: Dentistry
- Niles Allen Walker.....New Philadelphia
 B.E.E.
Field of Specialization: Electrical Engineering
- Jay Irwin Watkins, Jr.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- William Badertscher Wead.....Washington C. H.
 B.A. (Wabash College)
Field of Specialization: Physiology
- Louis Wehrle, Jr.....Toledo
 B.S. (University of Toledo)
Field of Specialization: Microbiology
- Alan Morris Young.....Bedford
 B.Sc.
Field of Specialization: Physics
- Ling-ling Young.....Taipei, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Botany and Plant Pathology
- James Ronald Zeller.....Kent
 B.S. (Kent State University)
Field of Specialization: Chemistry

(One hundred and two candidates)

Candidates for Two Degrees

Gordon Hunter Joy..... **Dayton**
Bachelor of Arts
Bachelor of Science in Business Administration

Francis Michael Lorz..... **Lockbourne**
Bachelor of Arts
Bachelor of Science in Education

Nancy Carol Thompson..... **Lancaster**
Bachelor of Arts
Bachelor of Science in Education

(Three candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Jean Ann Addis.....	Centerburg
William Eldon Ardle.....	Columbus
Ronald Wilson Banta.....	Belle Center
David Russell Barbour.....	Shelby
Lloyd Thomas Bay.....	Carroll
Terry Merle Beers.....	Marion
Michael Lynn Borger.....	Burghill
Philip Lynn Bush.....	Washington C. H.
Richard David Butler.....	Cleveland Heights
Patrick Edward Cogan.....	Wapakoneta
William Dean Cornelius.....	Hillsboro
William Lewis Donohoe.....	Woodstock
Steven Cloyd Drake.....	Tiffin
James Bruce Easley.....	Buckland
Michael Clarence Harnetty.....	Zanesville
Peter Stanley Hetzel, Jr.....	Seville
Theodore Gailen Huss.....	Genoa
Keith Ross Jones.....	Cambridge
Thomas Aten Kerr.....	Nevada
Lynn Edward Kinzig.....	Columbus
Gale Miller LaRue.....	Ashville
Ronald Clyde Leatherman.....	Wooster
Ward Howard Lutz.....	Urbana
Virginia Lee Marlatt.....	Norwood
Alan Vance Marsh.....	Cincinnati
Mary Louise Stouder Mathews.....	Freeport
James Stewart McHugh.....	New Matamoras
Robert Wade Miller.....	Green Springs
David Henry Moenter.....	Pemberville
Gary Leo Oates.....	Kenton
Carmen Robert Parkhurst.....	Vickery
James Ralph Parlette.....	Martin
Jerry William Patrick.....	Kingston
John Hyatt Phillips II.....	Lexington
Gerald Jeffers Pope.....	Patriot
Edmund John Prescottano.....	Roslyn, N. Y.
James Joe Pullins.....	Urbana
Donald Peters Quillen.....	Ashville
Frederick Kalb Ray.....	McConnelsville
Gary Gene Rogers.....	Miamisburg
George Edgar Ropp.....	London
Ronald Theodore Sampson.....	Hillsboro
David Floyd Schleppe.....	Columbus
John Woodbridge Scott III.....	Bainbridge
Richard Sheldon Shanks.....	Ada
John Bush Simpson (with Distinction in Animal Science)....	Lubbock, Tex.
Robert LaMar Smart.....	New Carlisle
Glen Franklin Smith.....	Columbus
James Richard Snavley.....	Sidney
Dwight Ray Steen.....	Van Buren

Lee Edward Stephens.....	Kenton
Robert Lee Stone.....	Butler
Larry Manuel Teeter.....	Butler
Walter John Tomaszewski.....	Gowanda, N. Y.
Donald Allen Tommas.....	Bellevue
David Asa Van Hoose.....	South Vienna
Richard Lee Warner.....	Columbus
Leland Earl Watkins.....	Groveport
William Douglas Watson.....	Mt. Vernon
Richard David White.....	Wilmington
Theodore Wheelock Wood, Jr.....	Middletown
Bernard Terrence Younkman.....	Ada

(Sixty-two candidates)

Bachelor of Science in Food Technology

Thomas Edwin Haney.....	North Industry
Loren Lemoine Lucas.....	Marysville

(Two candidates)

School of Home Economics

Bachelor of Science in Home Economics

Christine Mae Alspach.....	Columbus
Charlotte Ellyn Bolz.....	Gates Mills
Cynthia Brand Caudill.....	Worthington
Connie Kaye Cotterill.....	Columbus
Cathleen Coyne.....	Cincinnati
Phyllis Ann Donaldson.....	Wooster
Lucia Sarraino Flevaras.....	Columbus
Mary Carol Martin.....	Columbia Station
Susan Williamson Miller.....	Columbus
Susan Rita Nickman (cum laude).....	University Heights
Carol Gregersen Reynolds.....	Worthington
Patricia Ann Ritchie.....	Amlin
Nancy Claire Taylor.....	Grove City
Diana Carroll Turpin.....	Pleasantville
Teri Jinx Washington.....	New Boston
Carol Ann Zerkle.....	Urbana

(Sixteen candidates)

Bachelor of Science in Food Technology

Carol Jean Rittenhouse.....	Hamilton
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(One candidate)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Charles Thomas Albright, B.Sc. in Bus.Adm.	Gahanna
Edward Charles Bainter	Columbus
Maryann Baker	Parma
Michael Lee Baker	West Alexandria
Richard Clarence Benney	Loveland
Edward Paul Bessey	Columbus
James Thomas Black	Lima
Anthony Joseph Blanch	Youngstown
Robert Chapin Blattner, Jr.	Cincinnati
Barbara Endicott Brewer	Columbus
Nancy Lockett Broussard	Houston, Tex.
Frederick Arnold Brugger	Valley City
Gunars Alfred Brunavs	Norwalk
Meredith Applegate Butler	East Liverpool
Alan Howard Chazin (with Distinction in Anthropology)	Flushing, N. Y.
Michael Donald Clague	Dayton
William Barry Cohen	Perth Amboy, N. J.
Jane Ann Connolly	Galion
Joseph Anthony D'Agostino	Amherst
Danny Joseph Danlovich	Bethesda
David Odell Dinwiddie	Detroit, Mich.
Robert Curran Douglas	Pepper Pike
Richard DeRay Eads	Columbus
Robert Arthur Enoch, Jr.	Dayton
Larry Marshall Feazell	Richmondale
Kenneth James Fecho	Lorain
Leslie Ellen Frank	Columbus
Millicent Alice Gabalac	Akron
Glenn Harris Gardner II	Westerville
Berton Rex Graham (cum laude)	Columbus
Louis Aloysius Hall III	Little Silver, N. J.
Michael Martin Haran	Columbus
Joseph Frederick Hill	Little Hocking
Barbara Jean Hiskey	Rocky River
James Robert Hodge, B.Sc. in Phar.	Portsmouth
Brenda Smith Horch	Cincinnati
Beverly Ann Hosket	Dayton
Sally Lanyon Huber	Mansfield
Earl Edward Hummer, Jr.	Columbus
Robert Gordon Ille	Cincinnati
Eleanor Logan Johnson	Perry
*Gordon Hunter Joy	Dayton
David Lawrence Kentner	Columbus
Barbara Ellen Kerr (cum laude)	Wooster
Helen Koba	Rochester, N. Y.
Thomas Kerr Lally	Lorain
James Patrick Lang	Lakewood
Marcia Ann Lasky	Aberdeen, Miss.
Charles Kaye Ledsky	Cleveland Heights

* Two degrees

C. Bruce Littlegreen.....	Columbus
Eugene Miller Loofbourrow, Jr.....	Columbus
*Francis Michael Lorz.....	Lockbourne
Lynne Mahlig.....	Westlake
John William Marshall.....	Dayton
Thomas Edward McBride.....	Columbus
Ronald Samuel Miller.....	Cleveland
Michael John Murnane.....	Columbus
David Allen Neff.....	Fairview Park
Leslie Allen Netland.....	Lakewood
Katharine Moore Newland.....	Cleveland Heights
Dennis Alan O'Rourke.....	Westlake
Jeffrey Louis Page.....	Columbus
Susan Gay Parshall.....	Akron
John Stephen Pavoll.....	Painesville
Gary John Pfohl.....	Willowick
Jeffrey Marc Portman.....	Columbus
Linda Kay Procker.....	Mansfield
Wallace Clarke Richardson.....	Bryan
Jackson Whitmore Riddle, Jr.....	Norwich, N. Y.
Anne Latimer Roberts.....	Granville
Paul Albert Robinson.....	Pawling, N. Y.
Olinde Hedwig Roye.....	Columbus
David Allen Saphire.....	Shaker Heights
Joanne Marie Scattoloni.....	Columbus
Sandra Harriet Schwartz.....	West End, N. J.
George Verl Sherer.....	Cleveland
Joseph Daniel Staley.....	Phillipsburg, N. J.
Edward William Stroetz, Jr.....	Bellmore, N. Y.
Kathleen Sullivan.....	Columbus
Charles Edward Taylor.....	Columbus
*Nancy Carol Thompson.....	Lancaster
Richard Dale Todd, B.Sc. in Edu.....	Newark
Stephen John Vedrody.....	Cleveland
Linda Brownell Waterbury.....	Columbus
Carol Lynn Wheaton.....	Whitehall
Frederick James Wilson, Jr.....	Massillon
Paula Leigh Wolff.....	Riverside, Calif.
Michael Zassenhaus.....	Worthington

(Eighty-eight candidates)

Bachelor of Science

Paul Alfred Beauregard.....	Akron
James Hall Berry.....	Springfield
Robert Louis Chappellear.....	Columbus
John Irving Crossman.....	Tallmadge
Walter William Dreibelbis.....	Columbus
J. Michael Friend (cum laude).....	Sidney
Frederick Knight Goodman.....	Columbus
Gary Paul Gordon.....	Columbus
Roger William Hayes.....	Columbus
Donald Dean Hoskinson (cum laude).....	Newark
Penelope Sue Huyck.....	Columbus
Terrence Dane Kearns.....	Brecksville
James Michael Kehn.....	Wickliffe

* Two degrees

William David Kelly.....	Alliance
Paula Augusta Konchar.....	Westlake
James Paul Kura.....	Columbus
Robert Carl Mast.....	Sherwood
Myron Douglas Moore.....	Millersburg
Dennis James Murphy.....	Groveport
Ellen Christine Petersen.....	Akron
Michael Conway Poynter.....	Painesville
Karen Louise Praznik.....	Chagrin Falls
Richard Paul Quill.....	Columbus
Sandra Ellen Rosenberg.....	Pittsburgh, Pa.
James Arthur Schneider.....	Cincinnati
James Andrew Simmons.....	Uniontown
Jerry Allen Snyder.....	Monroe
William Jacob Venable, B.A.....	Alexandria, Va.
Kay Nestleroad White.....	Shelby

(Twenty-nine candidates)

School of Journalism

Bachelor of Arts

Kathryn June Mason.....	Columbus
Gary Albert South.....	Reynoldsburg

(Two candidates)

School of Optometry

Doctor of Optometry

John Richard Collins, B.Sc. in Opt.....	Dayton
Robert Dean Wells, B.Sc. in Opt.....	Cambridge

(Two candidates)

College of Biological Sciences

Dean: *Ralph M. Johnson*

Bachelor of Science

Robert Fuller Ackerman.....	Columbus
William Miles Anderson.....	Cincinnati
Owen Thomas Ashton.....	Brilliant
Alexander Bettinger.....	Columbus
Dietrich Nelson Bieser.....	Dayton
Carol Smith Burnard.....	Youngstown
Bennett James Crow.....	Jackson
Timothy Brazill Dannemiller.....	Canton
Nan Eileen Evans (cum laude).....	Columbus
Daniel Lee Florea.....	Dayton
Eric James Foell.....	Cleveland
Peter Charles Goldman (summa cum laude).....	Columbus
Phillip Eugene Goldsberry.....	Athens
Frederick Richard Good.....	Fostoria
Robert Douglas Green.....	Columbus
Paul Edward Hirt.....	Strongsville
Larry Jay Hobbs.....	Dayton
Jeffrey Lynn Hornbeck.....	Middletown
Thomas Robert Kappeler.....	Dover
Fredrick Frank Kohler, Jr.....	Mansfield
Robert Lawrence Lapinski.....	Bound Brook, N. J.
Adda Jane Liggitt.....	Belle Center
James Louis McKinney.....	New Carlisle
Richard Andrew Mitsak.....	Youngstown
Herbert B. Nickell.....	McDermott
Michael Alan Pereira.....	Great Neck, N. Y.
Kenneth Allen Savinsky.....	Lorain
David Hudson Schmidt (cum laude).....	Carey
Robert Sherman Shonk.....	Dayton
Hugh Blair Stamper, Jr.....	Warren
Howard Cole Stewart, Jr.....	Marietta
Douglas Allen Stoodt.....	Mansfield
Christopher Columbus Tackett.....	McDermott
David Bruno James Thomae.....	Domville, Ont., Canada
Jane Louise Thompson.....	Tiffin
Eldon Lee Vance.....	Sidney
John William Willis.....	North Lima
Stephanie Anne Wojcik.....	Mansfield
Judith Jacqueline Yarus.....	Shaker Heights

(Thirty-nine candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Frank Anthony Alvarez.....	Columbus
Ronald Alvarez.....	Columbus
Crystal Thelma Anderson.....	New Brunswick, N. J.
Edward Robert Aufdenberg II.....	Cincinnati
Neil Eugene Auten.....	Worthington
Hila Marlene Axelrod.....	Cleveland
Scott Nelson Ayers.....	Westlake
Victor Andrew Baker.....	Parma
George Thomas Barrington.....	Lima
Vera Louise Batha.....	Bayside, N. Y.
James Robert Baxter.....	East Liverpool
Walter Ross Bell.....	Pittsburgh, Pa.
Heinz Werner Birtler.....	Columbus
Richard Lee Bishop.....	Mansfield
Brian Dee Blanchard.....	Columbus
Dennis Ray Blank.....	Fairborn
David Paul Bowerman.....	Columbus
George Edward Brombacher III.....	Dayton
Daniel George Bukey.....	Columbus
Charles Richard Bulger, Jr.....	Chillicothe
Michael James Burns, Jr.....	Columbus
Theodore Anthony Calabrese.....	Cleveland
Richard Keaton Carroll.....	Upper Sandusky
John Robert Carse, Jr.....	Columbia Station
James Harry Caswell.....	Perrysburg
Donald Sidney Cohn.....	Youngstown
Robert Cook.....	Lakewood
Joseph Dominic Cordiano.....	Columbus
Howard Ellsworth Davies, Jr.....	Columbus
Louis Anthony DeMico.....	Mt. Vernon, N. Y.
Kenneth Wayne Doss.....	Hillsboro
Richard Lewis Dudas.....	Wadsworth
Richard Eugene Edman.....	Utica
Brian Richard Ellis.....	Cleveland Heights
Michael Eugene Erbaugh.....	Brookville
James Lawrance Ervin, Jr.....	Gahanna
John Alt Esselburn.....	Columbus
James David Etzel.....	Columbus
Samuel Louis Farb.....	Columbus
Barry Clinton Fawcett.....	Zanesville
Marvin Herschel Feldman.....	East Liverpool
Merritt Lynn Fogwell, B.A. (Huntington College, Indiana); B.S. (Purdue University).....	Columbus
Robert Gene Funk.....	Lakewood
Frank Louis Gallucci, Jr.....	Parma Heights
Robert Francis Gantner.....	Columbus
James Taylor Garrus, Jr.....	Mt. Vernon
Robert Lowell Garvin.....	West Mansfield
Richard Allen Gephart.....	Eaton
James William Graetz.....	Bucyrus

Edward Franklin Green, Jr. Dayton
 Jay Robert Greene Youngstown
 John Evans Greene Madeira
 Robert Roger Gregg Columbus
 George Alan Gummer Newark
 Robert Patrick Gunderson Columbus
 George Louis Hagedorn Cleveland
 James Allan Haggerty Huron
 David William Hall Columbus
 Joseph Francis Harrison, Jr. Huron
 Steven S. Henderson New Philadelphia
 Elmer Joseph Hogue (cum laude) Columbus
 Terry Lee Hoover Wooster
 Richard Elliott Horch Johnstown
 James Wesley Huffman Wheelersburg
 David Kent Iwig Trenton
 William Henry Jones Columbus
 *Gordon Hunter Joy Dayton
 Joseph Garrett Kaenzig, Jr. Dayton
 Derrick Lee Kimble Akron
 Robert Clark Knight, Jr. McLean, Va.
 Edward Arthur Kopelson Union, N. J.
 Charles Ralph Korn Columbus
 William Karl Laakso, Jr. Conneaut
 Dennis John LaMusga Chagrin Falls
 Jerome Edward Lape II Massillon
 Jerald Henry Lee University Heights
 Lorenz Karl Lehner Steubenville
 Marc Samuel Levine Leominster, Mass.
 Richard David Lundquist Westbury, N. Y.
 Robert Lee Lykes, Jr. Akron
 Roger Lee Main Columbus
 David Michael Mangold Buckeye Lake
 Jerald Eugene Mann Marion
 Maurice Murl Mann Powell
 Paris Leveret Martin Columbus
 Giora Matzkin Haifa, Israel
 Candace King McClure Toledo
 Gary Richard Miller Massillon
 Russell Charles Nagelson Cincinnati
 John Alan Neville Ironton
 Keith Emerson Nixon Wellsville
 Holly Ann Nutter Newark
 Jeffrey David Nye Columbus
 Gary Michael Odenweller Ottoville
 James Edward O'Neill Columbus
 Robert Gabor Pallagi Newark
 Vicki Lynne Parker McGuire AFB, N. J.
 Robert Frederick Parmley Kenton
 Albert Michael Perring Wheeling, W. Va.
 Richard Mark Pohl Norwalk
 William Marion Polasky Lore City
 Jean McClure Polley Canfield
 James John Poskocil Westlake
 Dennis Darin Puppel Columbus

* Two degrees

George Robert Ralph.....	Columbus
Ronald Frank Regula.....	Bedford
Dean Fredrick Reusser.....	Orrville
Roger Eugene Reynolds.....	Columbus
Mark Palmer Rucker.....	Coshocton
Thomas George Ruprecht.....	Columbus
Richard Edwin Schafer.....	Columbus
Michael James Sheehan.....	Columbus
Richard Dean Shock.....	Van Wert
David Robert Smith.....	Columbus
Ralph David Smith.....	Brewster
Abdul-Rahman Abdullah Sobai'ai.....	Riyadh, Saudi Arabia
Victor John Stemberger.....	Maple Heights
Thomas MacArthur Stocklen.....	Circleville
Ralph Louis Streng.....	Columbus
Darrell J. Stutz.....	Middletown
Paul Dale Sutton.....	Ohio City
Robert Walter Sutton, Jr.....	Zanesville
David BeVier Taylor.....	Columbus
Thomas Allan Taylor.....	Coshocton
John Edwin Toms.....	Marion
James Edwin Vanderbrink.....	Columbus
James William Vause, Jr.....	Chillicothe
John Charles Virag.....	Xenia
Johnson Ralph Waite.....	Chesterville
Irving B. Waterbury III.....	Bedford
Mary Jo Sharpe Weilnau.....	Waterville
Charles David Whitmer.....	Cleveland
Charles Watson Wilder.....	Columbus
William Winfield Wilkins.....	Lancaster
William Kent Wonders.....	Cleveland
Thomas Robert Young.....	Massillon
Larry Jay Zickafoose.....	Gahanna

(One hundred and thirty-seven candidates)

School of Social Work

Bachelor of Science in Social Welfare

Michael Stephen Bennett.....	Elyria
Michael Patrick Brickey.....	Columbus
Ferne Heather Dezenhouse.....	Toronto, Ont., Canada
Peter Joseph Herdt.....	Union, N. J.
Marlyn E. Icove.....	Long Beach, N. Y.
Darlene Doris Mabee.....	Mansfield
Brenda Kay McKinney.....	Youngstown
Mary Sullivan Miller (cum laude).....	Dana Point, Calif.
John Charles Minnis.....	Willoughby
Diane Ostrovsky.....	Birmingham, Ala.
Marilyn Cochran Schehl.....	Lima
Pearl Kathleen Phillips Shibley (cum laude).....	Cleveland
Charles Grady Vail.....	Columbus
Cheryl Ann Vogel.....	Dublin

(Fourteen candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

David Eugene Adams.....	Crooksville
John Michael Aikens.....	Chardon
Rashid Mohammed Al-Khater.....	Jubail, Saudi Arabia
Annette Appelbaum.....	Canton
Lynn Harold Austin.....	Jonesville, N. Y.
Kathleen Maureen Banks.....	Maple Heights
Margaret Jane Batdorf.....	Wooster
Linda Wunderlin Baus.....	Columbus
Carole Wasco Bittner.....	Lorain
Esther Weinstein Bleiweiss.....	Cleveland
Richard Dale Bliss.....	Willowick
Roberta Rae Boyd.....	Cuyahoga Falls
Charles Ernest Brinkman.....	Cincinnati
Sharon Elizabeth Brooks.....	Port Clinton
Gina Ann Buckey.....	Newark
Roberta Jeanne Burkey.....	Columbus
Marguerite Georgiton Caronis.....	Columbus
Walter Rex Carson.....	Columbus
Judy Busey Carter.....	Canal Winchester
Richard Gene Cass, B.S. in Bus. Adm. (Bowling Green State University)	Galion
Frank Lynn Castner.....	Columbus
Lois Telepak Clauer.....	Shaker Heights
Thomas Grover Cline.....	Ashville
Susan Grace Colville.....	Mt. Vernon
Terry Cordle.....	Columbus
David Hugh Cunningham.....	Canal Winchester
Terrance Louis Drennen.....	Waverly
Myrna Smith Dupler, B.A. (cum laude).....	Columbus
Barbara Howard Dwyer.....	Chagrin Falls
Jesse Robert Fairbanks.....	Columbus
Carol Eileen Ferguson.....	Bellbrook
Carolyn Jeanne Finlay.....	Columbus
Timothy Shea Flaherty.....	Barberton
Delores Marie Foote.....	Cleveland
Cheryl Hanlin Ford (cum laude).....	Springfield
Gregg Michael Furth.....	Shaker Heights
William Eugene Garling.....	Lima
James Leroy Gerber.....	Sugarcreek
Veronica Jenkins Goolsby.....	Columbus
Marla Lynette Goudy.....	Akron
Marla Ann Greenfield.....	Columbus
John Douglas Griffith.....	Uniontown
Thomas Joseph Guirrerri.....	Canton
Patricia Louise Hagedon.....	Brecksville
Jennie Marie Harbour.....	Columbus
Mary Joan Hartland.....	Canton
Gayle Marie Hartmann.....	Columbus
Joan Weiser Harwin.....	Canton
Robert Fredrick Henderson.....	Columbus

Janet Kathryn Hendrickson.....Painesville
 Diane Kay Henry.....Jackson
 Elaine Hirsch.....Cleveland Heights
 Anita Anthony Hogg.....Sylvania
 Emily Jane Hook.....Georgetown
 Barbara Jean Hunter.....London
 Larry Marten Ike.....Columbus
 Marilyn LeRoy Jacobs.....Columbus
 Richard Eugene James.....Mt. Gilead
 Leonard Richard Johnson.....Bryan
 Margaret Evelyn Judd.....Dayton
 Max Earl Kanagy (cum laude).....West Liberty
 Raymond John Kennedy.....Cleveland
 Janet Sue Kihlken.....Port Clinton
 William Ernest Kimble.....Columbus
 Bruce Arthur King.....Columbus
 Bernice Perry Kleinline.....Columbus
 Patricia Lynn Kolls.....Newark
 Janice Clarke Koziell.....West Hartford, Conn.
 Anne Elizabeth Lafferty.....Shelby
 JoAnne Kurtz Lang.....Columbus
 Frances Edse Lawrence, B.A.....Worthington
 Crescentia Elaine Lejsek.....Ravenna
 *Francis Michael Lorz.....Lockbourne
 John Anthony Lustig.....Thompson
 Janet Ferguson Lyons.....Wellsville
 Myrna Ferguson Machen, B.A.....Portsmouth
 Karen Rossetti Mackan.....Canton
 Augustus Alexander Mastro.....Parma
 Linda Joy Matusoff.....Dayton
 Bonnie Marlene McCarty.....Winchester
 Janet Ann McCormick.....New Concord
 Dayna Reynolds McDaniel.....Columbus
 Marybelle McGee.....Columbus
 Richard Allen Michaels.....Plymouth, Mich.
 Amy Virginia Milsted.....Zanesville
 Jill Bertsche Mitchell.....Cincinnati
 Wilson James Murray.....Elyria
 John Warner Nethero.....Columbus
 Nanette Lynn Never, B.Sc. (cum laude).....Newark
 Kathie Emmett Newhouse.....Columbus
 Sandra Harriet Newman.....Shaker Heights
 Gary Robert Novak.....Columbus
 Donna Schmelz Parlette.....Martin
 Franklin Allen Pauff.....Lima
 Andrea Fredda Pearl.....Falls Church, Va.
 Susan Cluff Potts.....LaRue
 Thomas Lee Price.....Spencerville
 Susan Edmondson Ray.....Columbus
 Judy Hines Reiser.....Upper Sandusky
 Thomas Hal Reynard.....Columbus
 Charles Joseph Ringeisen.....Columbus
 Sylvia Leigh Ropp.....Columbus
 Nancy Gene Rowell.....Hastings on Hudson, N. Y.
 Daniel Wayne Ruddick.....Willoughby

* Two degrees

David Francis Schmidt.....	Mt. Vernon
Sally Kathryn Schoen.....	Columbus
Carolyn Ann Schwanekamp.....	Amherst
Julienne Scofield Seely.....	Amlin
Florell Vollmer Shaffer.....	Miamisburg
Mary Jeanette Shoberg.....	Columbus
Donald Robert Shoemaker.....	Columbus
Betty Anne Peterson Siegel.....	Mt. Gilead
Paula Goodman Sigman.....	Columbus
Robert Norton Silverman.....	Cleveland
Jeffrey Neil Simon.....	Cleveland
Jo Ann Lesta Smith.....	Centerburg
Judith Lynn Snelson.....	Statesville, N. C.
Mary Ahlborn Snyder.....	Columbus
William Miles Sones.....	Kettering
David Kent Spencer.....	Laurelville
Jane Ellen Spencer.....	Cedarville
Margaret Lenore Spevak (summa cum laude).....	Dover
Janice Kay Spring.....	Delaware
Jacque Robert Sroufe.....	Hamilton
Paul Harvey Stevens.....	Columbus
Susan Helen Stillinger.....	Columbus
Harvey Michael Stillman.....	South Euclid
Hermia Joy Strasser.....	Grove City
*Nancy Carol Thompson.....	Lancaster
Barbara Ann Louise Timko.....	Pataskala
Patricia Lee Van Horn.....	Cincinnati
Anne Ellen Venard.....	Columbus
Zana Cowdery Vincent.....	Grove City
Irene Viola (cum laude).....	Cleveland
Sarah Henderson Voss (cum laude).....	Austinburg
Lenora Lou Wade.....	Mansfield
Winifred Diane Wain.....	Mansfield
Barbara Ruth Wanstroth.....	Sandusky
Linda Katz Wasserstrom, B.A.....	Cleveland Heights
Ralph Emerson Weissinger.....	Wapakoneta
Marie Welch.....	Columbus
Martha Elaine Welsh.....	Columbus
Merry Lee Welsh.....	Columbus
Judith Ellen Welsheimer.....	Springfield
Judith Jayne Wince.....	Toledo
Alice Ramseyer Wolfe.....	Holmesville
Ervin Russel Wolfe.....	Dayton
Bonnie Kay Wynd.....	Worthington
Gary Joe Yost.....	Fredericktown
Brooke Lindsay Younker.....	Akron
Peter Joseph Zeyen.....	Columbus
James Richard Zink.....	Lima

(One hundred and fifty-two candidates)

Bachelor of Fine Arts

Grit Claassen.....	Killbuck
Mary Etta Burr Cryberg.....	La Porte City, Ia.
Janet Hower.....	Burbank
Patrick Joseph Lynch.....	Columbus

* Two degrees

Susan Elizabeth Nelson.....Columbus
Fredric Brice Saunier.....Springfield
Elizabeth Jane Taylor.....Columbus
Charles David Whitman.....Euclid
James Corinth Woodward.....Columbus

(Nine candidates)

Bachelor of Music

Louis Kenneth Agriesti.....Cleveland
Sandra Fay Lewallen.....Berea
Elaine Karen Siegel.....Cleveland

(Three candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Agricultural Engineering

David Arthur Clever.....Croton
(One candidate)

Bachelor of Ceramic Engineering

Richard Verne Fisher.....Mentor
(One candidate)

Bachelor of Civil Engineering

Paul Michael Brenner.....Columbus
Daniel Herbert Halter.....Columbus
Philip Ebelechuku Okoye.....Igbo-Ukwu Onitsha, Nigeria
David Franklin Pritchard.....Circleville
John Cyril Veselenak.....Pleasant City
(Five candidates)

Bachelor of Electrical Engineering

Mohand Ouali Cherifi.....Azazga, Algeria
Gene Earl Clark.....Columbus
James Roy Longacre.....Shelby
Nelson Andrew Riedel (summa cum laude).....Columbus
Robert Francis Romano.....Cincinnati
Franklin Bong-See Shah.....Kowloon, Hong Kong, China
(Six candidates)

Bachelor of Industrial Engineering

Jack Stuart Galvin.....Cleveland Heights
Michael Maxwell Jump.....Willard
David Jay Kohn.....University Heights
Richard Clinton Runyan.....Lima
Larry Eugene Shepler.....East Canton
(Five candidates)

Bachelor of Mechanical Engineering

Kenneth Lewis Brooks.....Columbus
Carl Robert Lehew.....Lancaster
Dennis Robert Meyer.....Covington
Howard Shadoin Smith.....Norfolk, Va.
(Four candidates)

Bachelor of Metallurgical Engineering

Richard Harry Dunnington III.....Lancaster
(One candidate)

Bachelor of Engineering in Mining

Lewis John Epps..... Geneva
Lester Steven Love..... Worthington
William Elmer Schanck..... Delaware

(Three candidates)

Bachelor of Science in Physics

Ain Laasi..... Columbus

(One candidate)

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Services

Bachelor of Science in Medical Illustration

Nancy Jo Watkins.....Aberdeen, Md.
(One candidate)

Bachelor of Science in Medical Technology

Karen Kanke James.....Gahanna
Katherine Russo Marshall.....South Euclid
Linda Kay McKown.....Galion
Jennifer Garrett Spencer.....Dayton
Virginia Lynn Stansbury.....Reno, Nevada
(Five candidates)

Bachelor of Science in Occupational Therapy

Eileen Snyder Aufdenberg.....Columbus
Laura Ann Mateyka Bendel.....Euclid
Gemma Grott.....Cleveland
Karole Anne Kindig.....Columbus
Lois Louise Leonard.....Columbus
Noelle Beth Lewis.....Columbus
Barbara Joan Wallace.....Columbus
(Seven candidates)

Certificate of Nurse Anesthetist

Mary Ellen Burkle, B.S. in Nurs. (Saint John College, Cleveland)
Wheeling, W. Va.
Alice Collier Jones.....Columbus
Ruth Palen Poole.....Hampton, Va.
(Three candidates)

School of Nursing

Bachelor of Science in Nursing

Margaretta Sorreles Davies.....Marion
Robert Wayne Hershberger.....Wilmot
Marybeth Hughes Racle (cum laude).....Columbus
Joyce Clarke Soehnlen.....Canton
Barbara Ann Solomon.....Lorain
Alice Ann Weaver.....Toledo
(Six candidates)

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

Columbus, Ohio, April 13, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, April 13, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy and Don M. Hilliker.

* * *

Minutes of the last meeting were approved.

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April 13, 1967 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENATIONS

A. Proposal to Establish a Graduate Degree Program in Medical Microbiology

The Faculty Council on March 14, 1967, 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 graduate degree program at the Master of Science and Doctor of Philosophy levels be approved in Medical Microbiology. This proposal, which was approved by the Graduate Council on December 10, 1966, recommended the establishment of such a graduate program of studies in order that the faculty of medical microbiologists, with their special orientation, will be able to participate in a graduate curriculum for the preparation of future teachers and researchers in this particular field.

While the program of Medical Microbiology will offer courses which are important to the instruction of the graduate student in this field, other departments, particularly the Department of Microbiology, offer courses which are basic or supplemental to this disciplinary area. Major emphasis in course material in the Department will be the study of microbial organisms and those aspects which are associated with the establishment of, resistance to or treatment of infection to which man is host. In addition, study will be offered which logically deals with the host response to microbial invasions, whether they be normal, abnormal or theoretical.

As part of the development of a graduate program, a carefully conceived and appropriately conducted research program within the Department will provide both motivation and advancement in scholarly achievement to the graduate students pursuing studies therein. Each member of the Department at the present time has a research program under way.

President Fawcett recommended that the above proposal to establish Master of Science and Doctor of Philosophy degree programs in Medical Microbiology be approved by the Board of Trustees, and pursuant to Section 3333.04 Revised Code of Ohio that the proposal for the new degree program be forwarded to the Ohio Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Summer Quarter, 1967.

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

April 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Proposal to Establish New Degree Program--
Doctor of Philosophy in Biostatistics

The Faculty Council on March 14, 1967, 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 the Graduate School be authorized to grant the degree--Doctor of Philosophy in Biostatistics.

This proposal, which was approved by the Graduate Council on June 4, 1966, recommended the establishment of a program which is designed to produce scholars concerned with the study of the mathematical and statistical models of life process which constitute the area of biostatistics. The degree will be administered by the Graduate Committee on Biostatistics appointed by the Dean of the Graduate School.

The application of statistics to biological problems, and in particular to biomedical research, has gained momentum during the past few decades and has led to the widespread recognition of biostatistics as a new discipline. The study of biology provides an impetus for the development of statistical methods for dealing with special biological phenomenon and the study of statistics and mathematics provides a framework that helps to shed light on some biological problems. The biostatistician is not the only biologist who studies statistics nor is he the only statistician who studies biology, but he is the only man who is primarily concerned with both areas.

A biostatistics program will reinforce interdisciplinary programs among biologists and mathematicians. The Ohio State University offers a unique opportunity for the development of such a program as it has Colleges of Agriculture and Home Economics, Biological Sciences and Arts and Sciences on one campus. The College of Biological Sciences would have a particular interest in the program of biostatistics and would provide a logical place for such a department if and when that development seems necessary.

President Fawcett recommended that the above proposal to grant the Doctor of Philosophy in Biostatistics degree be approved by the Board of Trustees, and pursuant to Section 3333.04 Revised Code of Ohio that the proposal for the new degree be forwarded to the Ohio Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective July 1, 1967.

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

April 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of Rules 31.03, 31.05, 33.11, 33.13, 35.07 and 37.09 of Rules for the University Faculty

On March 14, 1967, the Faculty Council approved a series of revisions in Rules for the University Faculty which relate to the changes necessary to the establishment of the new course-numbering system which is to go into effect for the 1967-68 academic year. These changes are reflected in Rules 31.03, 31.05, 33.11 and 33.13.

The Faculty Council at its March meeting also approved changes in Rules 37.09 and 35.07 which reflect changes applying to the repeating of a course which has already been successfully passed or courses for which EM examination credit has been given.

President Fawcett recommended that the above referred to revisions in the Rules for the University Faculty be adopted by the Board of Trustees, and that the Secretary be instructed to formally correct and reprint the specific revisions as they were adopted by the Faculty Council and attached to these minutes as Appendix VIII, page 565.

Upon motion of Dr. Thomas, seconded by Mr. Bricker, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary was instructed to make such revisions in the Rules for the University Faculty.

D. Water Supply System

The growth of the University has oversubscribed the present water supply system. Accordingly, Professor Kenneth W. Cosens of the Department of Civil Engineering was engaged to examine the problem and report thereon. His report, "Campus Water Study for The Ohio State University," calls for the improvement of the system in phases.

The study provides for improved fire protection through the increase in water pressure and for an increase in the quantity of water available to the several campus areas. It also provides for adequate water supply for the University College. Finally, the report calls for the elimination of multiple meter stations and the provision of master metering.

Inasmuch as the expansion of the University mandates the implementation of certain phases of the study immediately, with others to follow as soon as practicable, President Fawcett recommended that this study be received and filed with the official documents of the Board of Trustees; and that the President and the Vice President for Business and Finance be hereby authorized to proceed with the implementation of the study, phase by phase, in accordance with the release of funds by the Board of Trustees, following proper presentation of each phase as a project.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the above recommendation was approved by unanimous voice vote.

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April 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett made the following statement concerning Dr. John Herrick's retirement as Executive Director of Campus Planning:

The first personnel recommendation is one which I make with mixed feelings for it marks the completion of the administrative duties of Dr. John Herrick--a man whom I have known for many years and who was my first appointee to a Cabinet post upon my assumption of the duties of President of this University. Dr. John Herrick has had a distinguished career in education--a career which he will continue as special assistant in the Office of Academic Affairs and as a professor of education. The importance and significance of his work as Executive Director of Campus Planning cannot, in my view, be overstated. The Master Plan for Ohio State--a landmark document--was created and administered under his direct supervision and is an instrument which will serve this University for decades to come.

As John leaves his administrative tasks, I am sure you will join with me in extending thanks for the job he has done and in wishing him well for the productive work which is his ahead.

President Fawcett followed with the recommendation that all personnel changes since the March 9, 1967 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

William J. Griffith promoted from Research Associate in the Office of Campus Planning to Director of the Division of Campus Planning in the Office of Academic Affairs, effective May 1, 1967, at a salary of \$17,268.00 per annum. Dr. Griffith will continue as an Assistant Professor in the School of Education at No Salary.

E. Leonard Jossem, now Professor in the Department of Physics, promoted to Professor and Chairman, Department of Physics, effective April 1, 1967, at a salary of \$25,068.00 per annum.

James A. Robinson, now Professor in the Department of Political Science, promoted to Mershon Professor, Department of Political Science, and Director, Mershon Center for Education in National Security, effective April 16, 1967, at a salary of \$24,168.00 per annum.

April 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Thomas R. Williams, now Professor in the Department of Sociology and Anthropology, promoted to Professor and Chairman, in the newly formed Department of Anthropology, effective July 1, 1967, at a salary of \$18,168.00 per annum.

B. Appointments

Hans Lennart Zetterberg, Professor, Department of Sociology, effective April 1, 1967, at a salary of \$22,500.00 per annum. On October 1, 1967, Dr. Zetterberg will assume the position of Chairman of the Department of Sociology in addition to his Professorship in that Department.

John Hiller Schulte, Professor, Department of Preventive Medicine, effective April 15, 1967, at a salary of \$20,268.00 per annum.

Sydney S. Y. Young, Professor, Department of Zoology and Entomology, effective April 1, 1967, 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 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Katherine F. Whinnery, Instructor (County Extension Agent, Home Economics) Harrison County, effective April 1, 1967 through June 15, 1967, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Peter Roquette, Professor, Department of Mathematics, effective May 1, 1967 through June 30, 1967, to engage in research and instruction at the University of Heidelberg, Heidelberg, Germany.

Elton Farnham Paddock, Associate Professor, Department of Botany and Plant Pathology, effective April 15, 1967 through June 15, 1967, to serve as a consultant under the U. S. /AID Education Improvement Program in India under the direction of the National Science Foundation.

Melville L. Palmer, Associate Professor (Extension Agricultural Engineer), Cooperative Extension Service, for the period April 1, 1967 through May 31, 1967, to serve as a consultant to the Punjab Agricultural University, Ludhiana, India, for the Ford Foundation.

April 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Patricia A. Shenberger, Instructor (County Extension Agent, Home Economics) Richland County, Cooperative Extension Service, effective February 16, 1967 through March 15, 1967, for personal reasons.

Milton D. McLean, Director, Religious Affairs Center, effective April 1, 1967 through June 14, 1967, to serve as a Visiting Professor at Southern Illinois University.

E. Emeritus Title

Jesse L. Amsbaugh, Cooperative Extension Service, with the title Associate Professor Emeritus (Leader, Business Operations), effective April 1, 1967.

Upon motion of Dr. Thomas, seconded by Mr. Shocknessy, 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. 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759 - Ext. #10 - Department of Chemistry).
Gross Value - \$62,521.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Constancy of Mandibular Rest Position (to be known as National Institutes of Health Project No. 907 - Ext. #7 - College of Dentistry).
Gross Value - \$11,004.00.

April 13, 1967 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)

- a3. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C. , Significance of Spore-Forming Microorganisms in Milk (to be known as Bureau of State Services Project No. 1046 - Ext. #7 - Department of Dairy Technology). Gross Value - \$25,408.00.
- a4. 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 - Sup. #7 - Department of Physics). Gross Value - \$28,708.00.
- a5. Department of Health, Education and Welfare, Bureau of State Services, Arlington, Virginia, Mechanisms of Photochemically Initiated Oxidations (to be known as Bureau of State Services Project No. 1220 - Ext. #6 - Department of Chemistry). Gross Value - \$66,892.00.
- a6. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Spontaneous and Experimental Endometrial Carcinoma (to be known as National Institutes of Health Project No. 1281 - Ext. #5 - Department of Pathology). Gross Value - \$24,255.00.
- a7. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Effects of Viruses on Germfree Dogs and Cats (to be known as National Institutes of Health Project No. 1356 - Ext. #5 - Department of Veterinary Pathology). Gross Value - \$51,231.00.
- a8. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Study of Hard Dental Tissues and Restorative Materials (to be known as National Institutes of Health Project No. 1410 - Ext. #5 - College of Dentistry). Gross Value - \$12,398.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Experimental Polioencephalomyelitis (to be known as National Institutes of Health Project No. 1582 - Ext. #4 - Department of Veterinary Pathology). Gross Value - \$40,394.00.

April 13, 1967 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)

- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633 - Ext. #4 - Department of Zoology and Entomology).
Gross Value - \$23,640.00.
- a11. Office of Civil Defense, Washington, D. C., Studies of Organizational Functioning in Disaster (to be known as Office of Civil Defense Project No. 1709 - Mod. #9 - Department of Sociology and Anthropology).
Gross Value - \$175,000.00.
- a12. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., A Study of the Biological Storage System (to be known as Bureau of State Services Project No. 1763 - Ext. #3 - Department of Mathematics).
Gross Value - \$1,680.00.
- a13. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Separation of Solid Particles From a Swirling Fluid Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 1766 - Sup. #4 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$15,000.00.
- a14. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861 - Ext. #2 - Department of Surgery).
Gross Value - \$59,736.00.
- a15. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Subcellular Particles of Reticulocytes (to be known as National Institutes of Health Project No. 1964 - Ext. #2 - Department of Physiology).
Gross Value - \$12,915.00.
- a16. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Anticancer Substances From Plants (to be known as National Institutes of Health Project No. 1967 - Ext. #2 - College of Pharmacy).
Gross Value - \$14,443.00.

April 13, 1967 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)

- a17. U. S. Army Research Office - Durham, Durham, North Carolina, 5773-C Physical Organic Chemistry of Imines and Imonium Ions (to be known as U. S. Army Research Office - Durham Project No. 1983 - Sup. #2 - Department of Chemistry).
Gross Value - \$20,112.00.
- a18. National Science Foundation, Washington, D. C. , Optically Active Complex Inorganic Compounds (to be known as National Science Foundation Project No. 2120 - Amend. #1 - Department of Chemistry).
Gross Value - \$47,000.00.
- a19. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , Diagnosing and Correcting Individual Deficiencies in Learning Music (to be known as Office of Education Project No. 2155 - Amend. #1 - School of Music).
Gross Value - \$33,028.00.
- a20. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164 - Ext. #1 - Department of Microbiology).
Gross Value - \$16,709.00.
- a21. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Endocrine and Behavioral Changes After Septal Damage (to be known as National Institutes of Health Project No. 2281 - Sup. #1 - Department of Psychiatry).
Gross Value - \$2,751.00.
- a22. Department of Health, Education and Welfare, Bureau of Health Manpower, Arlington, Virginia, Identification of Nursing Action With Patients Having Open-Heart Surgery (to be known as Bureau of Health Manpower Project No. 2284 - Amend. #1 - Department of Business Organization).
Gross Value - \$44,384.00.
- a23. National Aeronautics and Space Administration, Washington, D. C. , Millimeter Wavelengths Propagation Studies (to be known as National Aeronautics and Space Administration Project No. 2374 - New - Department of Electrical Engineering).
Gross Value - \$54,000.00.

April 13, 1967 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)

- a24. National Science Foundation, Washington, D. C. , The Fourth International Symposium on Light and Vision (to be known as National Science Foundation Project No. 2401 - New - School of Optometry).
Gross Value - \$8,000.00.
- a25. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Mass Spectral Studies of Chlorin Biogenesis (to be known as National Institutes of Health Project No. 2402 - New - Department of Chemistry).
Gross Value - \$15,222.00.
- a26. National Science Foundation, Washington, D. C. , Purchase of a High-Resolution Nuclear Magnetic Resonance Spectrometer (to be known as National Science Foundation Project No. 2403 - New - Department of Chemistry).
Gross Value - \$45,000.00.
- a27. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , Effective Communication Among Vocational Agriculture Educators (to be known as Office of Education Project No. 2404 - New - Department of Agricultural Education).
Gross Value - \$9,195.00.
- a28. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , Proposal for Curriculum Development Project in the Development and Testing of Instructional Materials, Teaching Guides and Content Units on the History and Culture of Sub-Saharan Africa for Use at Selected Grade Levels in Secondary Schools (to be known as Office of Education Project No. 2405 - New - School of Education).
Gross Value - \$55,053.00.
- a29. National Science Foundation, Washington, D. C. , Chronology of Glacier Variations, Southern Patagonia (to be known as National Science Foundation Project No. 2406 - New - Institute of Polar Studies).
Gross Value - \$21,900.00.
- a30. Office of Naval Research, Washington, D. C. , Research on Calcareous Algae Culture (to be known as Office of Naval Research Project No. 2410 - New - Department of Botany).
Gross Value - \$5,743.00.

April 13, 1967 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)

- a31. National Science Foundation, Washington, D. C., Geochronology of the Transantarctic Mountains, Antarctica (to be known as National Science Foundation Project No. 2411 - New - Institute of Polar Studies).
Gross Value - \$24,100.00.
- a32. U. S. Naval Air Development Center, Warminster, Pennsylvania, Investigating Optical Properties of the Sea Relevant to Subsurface Target Using Orad Systems (to be known as U. S. Naval Air Development Center Project No. 2413 - New - Department of Electrical Engineering).
Gross Value - \$89,737.00.
- a33. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2414 - New - RF Internal Supervision).
Gross Value - \$100,000.00.
- a34. Air Force Systems Command, Bedford, Massachusetts, Scattering of Electromagnetic Energy From Highly Conducting Bodies (to be known as Air Force Systems Command Project No. 2415 - New - Department of Electrical Engineering).
Gross Value - \$57,000.00.

TOTAL - Government Contracts - Federal \$1,274,659.00

2. Industrial and Other Contracts

- a1. National Tuberculosis Association, New York, New York, Studies on the Roles of Acid-Fast Bacteria, Mycobacteriophages and Bacteriophage Antibodies in the Etiology of Sarcoidosis (to be known as National Tuberculosis Association Project No. 2181 - Ext. #1 - Department of Pathology).
Gross Value - \$13,944.00.
- a2. National Endowment for the Humanities, Washington, D. C., The Corpus of the Miniatures in the Manuscripts of Justinian's Civil Law Compilations (to be known as National Endowment for the Humanities Project No. 2407 - New - School of Art).
Gross Value - \$11,100.00.

April 13, 1967 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)

- a3. Massachusetts Institute of Technology, Lexington, Massachusetts, Scattering by Thin Wires (to be known as Massachusetts Institute of Technology Project No. 2409 - New - Department of Electrical Engineering).
Gross Value - \$34,107.00.

TOTAL - Industrial and Other Contracts \$59,151.00

The foregoing thirty-seven contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,333,810.00.

Upon motion of Mr. Shocknessy, seconded by Mr. Jones, 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 February 22, 1967 through March 28, 1967, 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 208X | Development of Instrumentation to Measure Pavement Thickness, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$56,400.00. |
| SC 68 | Traffic Engineering Techniques for Highway Safety, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$2,000.00. |

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$58,400.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 9, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

April 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$936,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of a new Library/Classroom Building, University College, Building No. 3. This grant is made under Title I of the Higher Education Facilities Act. (Project No. Ohio 4-2362)
2. \$220,200.00 granted by Department of Health, Education and Welfare, Office of Education, Division of Handicapped Children and Youth, Washington, D. C. 20202, to the University for support of a fellowship and traineeship program for the preparation of professional personnel in the education of handicapped children, under Public Law 85-926, for the academic year 1967-68.
3. \$152,786.00 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 the new Systems Engineering Building. This grant is made under Title I of the Higher Education Facilities Act. (Project No. Ohio 4-2448)
4. \$80,368.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Study in Modern Foreign Language under the direction of the School of Education. This grant terminates on October 31, 1967. (Grant No. OEC-3-7-450333-2407)
5. \$72,318.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the Dean of the College of Veterinary Medicine, for the period January 1, 1967 through December 31, 1967. (Grant No. 4 S01 FR 05463-05)
6. \$71,469.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Study in English under the direction of the School of Education. This grant terminates on October 31, 1967. (Grant No. OEC-3-7-460125-2333)
7. \$59,323.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Education Media under the direction of the School of Education. This grant terminates on October 31, 1967. (Grant No. OEC-3-7-481272-2473)
8. \$59,299.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Study in Industrial Arts under the direction of the School of Education. This grant terminates on October 31, 1967. (Grant No. OEC-3-7-751199-2170)

April 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$42,794.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Study in Reading under the direction of the School of Education. This grant terminates on October 31, 1967. (Grant No. OEC-3-7-490317-2272)
10. \$26,748.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Medical Library Resource Grant," under the direction of the President, for the period January 1, 1967 through December 31, 1967. (Grant No. 1 P12 LM 00190-01)
11. \$19,594.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program entitled "Cardiac Dynamics and Electro-physiology in Various Species," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1967 through March 31, 1968. (Grant No. 5 K03 HE13524-05)
12. \$10,800.00 granted by Department of Health, Education and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for the program entitled "Student Projects in Preventive Medicine," under the direction of the Department of Preventive Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. AT-139-67)
13. \$6,240.00 granted by National Science Foundation, Washington, D. C. 20550, to the University in support of an "In-Service Institute in Earth Science for Secondary School Teachers for 1967-68," under the direction of the Department of Geology, Wright State Campus, Dayton, Ohio, and terminates on June 30, 1968. (GW-1989)

TOTAL - Through the Office of Business and Finance \$1,757,939.00

B. Received Through The Ohio State University Development Fund

1. \$17,823.00 from The John A. Hartford Foundation, Inc., New York, New York--\$16,040.70 to the Midwest Foundation Fund - Obstetrics and Gynecology and \$1,782.30 for the College of Medicine Emergency Fund.
2. \$11,000.00 from National Machinery Foundation, Inc., Tiffin, Ohio, (Robert G. and Eugenie Mayer Friedman) for the National Machinery Foundation Fund for Mechanical Engineering.
3. \$9,936.00 from Procter and Gamble Company, Cincinnati, Ohio, for the Dental Laboratory Research Fund, College of Dentistry.

April 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$6,250.00 from CIBA Corporation, Summit, New Jersey--\$5,000.00 for the CIBA Organic Chemistry Research Fund and \$1,250.00 for the Dermatology Research Fund.
5. \$5,760.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.
6. \$5,150.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
7. \$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.
8. \$5,000.00 from Dermatology Foundation, Inc., New York, New York, for the Dermatology Research Fund.
9. \$4,500.00 from the Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
10. \$4,500.00 from Minnesota Mining and Manufacturing Company--\$3,300.00 for the 3M Fellowship in Ceramic Engineering and \$1,200.00 for the 3M Scholarship in the College of Engineering.
11. \$4,290.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$3,652.93 from the National Fund for Graduate Nursing Education for the Graduate Nursing Education Fund.
13. \$3,600.00 from The Charles Taylor Sons' Company for The Charles Taylor Sons' Company Fellowship in Ceramic Engineering.
14. \$3,500.00 from Dr. Howard Francis Seely and Enid H. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
15. \$3,500.00 from the Trustees of The Link Foundation--\$2,000.00 for The Link Foundation Fund for Aviation Medicine and \$1,500.00 for The Link Foundation Fund for School of Aviation.
16. \$3,064.61 from Thomas B. Meek, Sr. for the Presidents Club account undesignated.
17. \$3,000.00 from the Allied Chemical Foundation for the Allied Chemical Corporation Fellowship Fund.

April 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

18. \$3,000.00 from the Columbus Collie Club, Inc. for the Columbus Collie Club Research Fund.
19. \$3,000.00 from Irene D. Hirsch for the Walter Reckless Canada and Puerto Rico Research Fund.
20. \$1,500.00 from the W. B. Calkins Foundation Trust for the Presidents Club account undesignated.
21. \$1,200.00 from Vesuvius Crucible Company, Pittsburgh, Pennsylvania, for the Vesuvius Crucible Company Scholarship Fund in Ceramic Engineering.
22. \$1,000.00 from the Irwin Strasburger Memorial Medical Foundation for the Irwin Strasburger Memorial Medical Foundation in the College of Medicine.
23. \$1,000.00 from Clarence S. Ohsner for the Insurance Hall of Fame Seminar Fund.
24. \$1,000.00 from the Trust under the Will of Erdis G. Robinson for the Presidents Club account undesignated.
25. \$1,000.00 from Henry G. Schmidt for the Presidents Club account undesignated.
26. \$1,000.00 from the American Prosthodontic Society (Victor L. Steffel) for the College of Dentistry Special Fund.

TOTAL - Received Through the Development Fund \$113,226.54

The Board of Trustees by unanimous vote approved the acceptance of the above grants and gifts, 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, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	343	\$ 67,743.61
Individuals other than alumni	39	7,133.00
Nonprofit organizations	24	70,743.43
Business concerns	<u>14</u>	<u>38,003.79</u>
	420	\$183,623.83

Of these gifts, 92 totaling \$2,424.45 were undesignated and 328 totaling \$181,199.38 were designated.

April 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report by the Chairman of the Board of Trustees on Funds Received for the Novice G. Fawcett Professorship in Educational Administration

The Chairman, Mr. Davis, reported as follows:

At the October 12, 1966 meeting, this Board established the Novice G. Fawcett Professorship in Educational Administration in recognition of Dr. Fawcett's tenth anniversary as President of this University and accepted the responsibility as a Board to raise the necessary funds. The response has been heartwarming indeed, and I should like to report for the record that members of this Board along with former trustees and a few friends have made contributions as follows:

Reported for the first time today	\$15,406.10
Reported at previous meetings as gifts for the Fawcett Professorship	11,500.00
Reported at previous meetings for other designated purposes and now redesignated for the Fawcett Professorship at the request of donors	<u>66,093.90</u>
Total cash now on hand	\$93,000.00

In addition to the foregoing, \$32,600.00 has been pledged bringing the total amount committed for the Novice G. Fawcett Professorship in Educational Administration to \$125,600.00.

President Fawcett expressed his deep appreciation for this kind and generous action and indicated that no other experience in his educational career has had greater significance and meaning in terms of professional satisfaction.

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V. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra and Credit Orders to Contracts and Extensions of Time for Completion of Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Aerodynamics and Missile Propulsion Laboratory	\$ 1,312.92
2. Wright State Campus, Phase IV	53,028.65
3. Chemical Research Facilities	1,361.00
4. Physics and Astronomy Building	4,005.00
5. Marion Branch Campus	<u>18,000.00</u>
	<u>\$77,707.57</u>

April 13, 1967 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

B. Credit Orders to Contracts

1. Chemical Research Facilities \$ 5,403.00

C. Extensions of Time for Completion of Contracts

1. McCracken Power Plant Extension to Condenser Lines -
Revised
From February 28, 1967 to May 31, 1967

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation 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, 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. Horticulture, Forestry and Food Technology Center

This project consists of a main building, a headhouse and greenhouse for use by the various departments concerned with horticulture, forestry and food processing.

Funds for this project will be provided from Item 034, H. B. 949.

B. University Print Shop, Phase II

This project comprises the completion of all interior work in the existing building shell.

Funds for this project will be provided from Item 049, H. B. 949, and Budget Account 801074.

C. Research Space, East Side of Stadium - Phase IV

This project will provide an additional bay on two floors of the existing Research Space on East Side of Stadium.

Funds for this project will be provided from Budget Account 801020.

D. Lima Campus - Phase II

This project is a separate building to house additional facilities, including offices, a cafeteria, classrooms and laboratories.

Funds for this project will be provided from Item 018, H. B. 202.

April 13, 1967 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

E. University College, Building #1

This project will provide a general academic facility including classrooms, laboratories, lecture halls and offices.

Funds for this project will be provided from Item 037, H. B. 949.

F. Humanities Center, Language Building

This project will provide the first new building in the Humanities Center and will include classrooms and offices for the various departments concerned with foreign languages and literature.

Funds for this project will be provided from Item 044, H. B. 202.

Upon motion of Mr. France, seconded by Mr. Bricker, 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. University Hospital - Repairs and Improvements to Corridors and Lobbies

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
<u>Item 1 - Acoustic Tile Ceiling Work</u> (5 bids received 3-9-67)		
Myron Cornish Co. (Columbus)		
Base Bid	\$12,480.00	\$13,400.00
Substitution - Ceramaguard Tile	- 500.00	
Total	<u>\$11,980.00</u>	<u>\$13,400.00</u>
 <u>Item 2 - Ceramic Tile Wall Work</u> (5 bids received 3-9-67)		
Leonard L. Smith Co. (Columbus)	\$19,366.00	\$40,000.00

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hospital - Repairs and Improvements to Corridors and Lobbies
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (continued)		
<u>Item 3 - Resilient Floor and Base Work</u> (2 bids received 3-9-67)		
Wilson Flooring Co. (Columbus)	\$ 8,700.00	\$12,000.00
<u>Electrical Contract</u>		
<u>Item 4 - Lighting and Electrical Work</u> (4 bids received 3-9-67)		
S & S Electric Co. (Columbus)	\$16,100.00	\$25,100.00
<u>Total All Contracts</u>	<u>\$56,146.00</u>	<u>\$90,500.00</u>

Funds for this project will be provided from Budget Accounts 801086, 801082 and 921400.

B. French Field House - Exterior Wall Repair

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 3-17-67)		
Ford Maintenance, Inc. (Columbus)	\$ 5,162.00	\$15,000.00

Funds for this project will be provided from Budget Account 121658.

Upon motion of Mr. Ketterer, seconded by Mr. France, 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. Medical Basic Science Building

Pursuant to the order of the court in Case No. 229651 in the Court of Common Pleas of Franklin County, Ohio, Thomas Morgan, a taxpayer, vs. Alfred C. Gienow, Director of Public Works et al, President Fawcett recommended that the March 9, 1967 action of the Board of Trustees in regard to the award of contracts for the Medical Basic Science Building be rescinded. President Fawcett further recommended that the action of the Board taken on February 9, 1967, in regard to this matter be reinstated.

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

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April 13, 1967 meeting, Board of Trustees

VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purposes:

A. Requests Submitted by The Ohio State University

- 17 Approves the transfer of \$38,289.22 from Main Library Improvements, Item 036, to Humanities Center, Speech Theater, Item 045, H. B. 202, to provide funding for the Speech Theater.
- 18 Authorizes the transfer and release of \$10,000.00 from Item 016 Medical Complex to Item 059 Medical Center Library, H. B. 202, to provide funds for services of a consulting firm for planning this facility.
- 20 Authorizes the award of the Plumbing Contract for the project Medical Basic Science to the low bidder responsive to the Executive Order and to transfer \$5,631,877.00 from Item 016, Medical Complex to Item 043 Basic Science Medical, H. B. 202, so that contracts could be awarded and funds encumbered.

B. Requests Submitted by the Ohio Board of Regents

- 33 Approves the release of \$6,780.34 from Item 235-001 Development of a Master Plan and Contingencies to provide for research and studies in connection with plans for the Newark Branch Campus.
- 34 Authorizes the transfer and release of \$1,923,397.00 from Item 235-006 University Branches to Item 315-039 The Ohio State University - Newark Branch, H. B. 949, and approves the acceptance of the low bids for the general contract and the electrical contract which exceed the estimate of cost.
- 35 Authorizes the transfer of \$39,971.00 from Item 235-006 University Branches to Item 315-050, H. B. 949, to provide additional funds for the project Mansfield Campus, Phase II, and the release of the balance for this project in the amount of \$896,971.00. Approves the acceptance of bids for this project in the excess of estimates for the general, plumbing, heating and ventilating and electrical contracts.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Jones Graduate Tower - Application for Loan Assistance

President Fawcett recommended that an application for loan assistance under Title IV of the Housing Act of 1950 be filed to obtain funds for Jones Graduate Tower. The project will house approximately 509 graduate students and is estimated to cost approximately \$3,748,000, including architect's fees, roads, site improvement, interest during construction and movable equipment. The estimated cost of construction is \$3,610,000 and the estimated

April 13, 1967 meeting, Board of Trustees

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

A. Jones Graduate Tower - Application for Loan Assistance (continued)

cost of movable equipment is \$138,000. The application will request a federal loan in the amount of \$3,000,000 of the cost of construction, and additional bonds will be sold to private investors for the balance of the construction costs, plus the cost of movable equipment, or a total of \$748,000.

NOW, THEREFORE, BE IT RESOLVED, that the President of the University and the Vice President, Business and Finance, of the University, or either of them, are authorized on behalf of the University to file an application or applications or amendments or supplements to existing applications in such form or forms as they shall deem advisable to obtain from the United States Government, acting through the Department of Housing and Urban Development, and pursuant to Title IV of the Housing Act of 1950, loan assistance in the amount of \$3,000,000 to provide a portion of the cost of Jones Graduate Tower, exclusive of the cost of movable equipment, and such other costs as are not permitted to be included under the rules of practice of the Department of Housing and Urban Development.

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

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, President Fawcett recommended that Frank F. Westervelt be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Westervelt, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Bricker, seconded by Mr. Jones, 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 Walter Harold Hamilton, M. D., Clinical Assistant Professor in the Department of Surgery; Edward S. Drake, Manager Emeritus of the Ohio Union; Frank Greene Davis, Instructor Emeritus in the Department of Engineering Drawing; and Forrest Guy Ketner, former member of the Board of Trustees. 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.

April 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Walter Harold Hamilton, M. D.

The Board of Trustees expresses its sorrow at the death on February 22, 1967, of Walter Harold Hamilton, M. D., Clinical Assistant Professor in the Department of Surgery.

Dr. Walter Hamilton was born in Columbus, Ohio, on March 24, 1898. He was educated at North High School and The Ohio State University where he received his M. D. degree in 1922. His internship followed in Harper's Hospital, Detroit, Michigan, with a residency in rectal and colon surgery at the Mayo Clinic, in Rochester, Minnesota.

Following his return to Columbus, he joined with his father, Dr. Edwin A. Hamilton in the practice of proctology. He was married to Gladys Bray and of this union, one daughter and four sons were born. All four of his sons received their higher education at The Ohio State University, where they earned M. D. degrees as follows: Edwin B., 1952; Charles H., 1954; Walter W., 1959 and James F., 1965. All four are in practice or graduate training in Columbus Hospitals.

In addition to being on the active staff of all the Columbus Hospitals and local medical societies, Dr. Hamilton was also a member of the Ohio State Medical Association, American College of Surgeons and American Proctologic Society. He was certified by the American Board of Colon and Rectal Surgery.

"Dr. Walter" has been admired and respected by students, interns and residents in the wards and clinics of University Hospital over the last 35 years. His quiet dignity, but firm bearing and yet compassionate bedside manner, made him loved by patients, students and colleagues. He will be remembered for his efforts in establishing the Division of Proctology at The Ohio State University, as well as his literary contributions in his chosen field.

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

B. Edward S. "Beanie" Drake

The Board of Trustees expresses its sorrow at the death on March 23, 1967, of Edward S. Drake, Manager Emeritus of the Ohio Union and founder and adviser of many student organizations. Edward S. Drake was known as "Beanie" to thousands of alumni and students, not only through his 33 years of service as manager of the Ohio Union, but also as adviser for more than 50 years to campus organizations.

April 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Edward S. "Beanie" Drake (continued)

"Beanie" was born April 22, 1876, in Circleville, Ohio. He received the major part of his primary and secondary education in the Columbus Public Schools. He later studied at the University of Chicago, Armour Institute and The Ohio State University. Before coming to The Ohio State University as Manager of the Ohio Union, Mr. Drake's early business experience was with the Auditor's office of the Hocking Valley Railway, the Sunday Creek Coal Company and the Franklin County Auditor's office. He managed the Ohio Union from 1913 until his retirement in 1946, when he received the title of Manager Emeritus. During his 33 years of University service, he also carried many other campus responsibilities. He had an active part in the feeding of student soldiers of the two world wars. He also was in charge of food arrangements for the student dormitories on the campus and the Alumnae Scholarship House for girls during that time.

Besides his official duties, Mr. Drake won campus acclaim as an adviser to students and as a counselor for many of their organizations. At one period in his life, he was adviser to ten different organizations at the same time. His demand as a student adviser reflects in a most significant way the honor and prestige which were afforded him by the students at Ohio State. He was adviser to the three class honorary groups--Sphinx, Bucket and Dipper and Romophos--which he founded. He was a life long and charter member of Ohio Staters, Inc. Other groups in which he participated and advised included Ohio Union Activities, Strollers Dramatic Society, Independent Men's Association, Phi Sigma Kappa, Alpha Phi Omega, Newman Club and Scarlet Mask. He attended weekly meetings of Ohio Staters, Inc., until two months before his death. Mr. Drake was also interested in civic and church affairs. He was a member of the Catholic Church and was instrumental in promoting the establishment of the Hocking State Forest.

Mr. Drake traveled extensively in the South, particularly in the Smokies, and vacations usually found him traveling in that direction--often with one or more students as his traveling companions. His travel in the Smokies also prompted his favorite hobby--collecting books and information about the Appalachian section of the United States. Several years ago, he donated his personal book collection of over 500 volumes to The Ohio State University libraries. His area of academic interest was languages and literature.

Mr. Drake was also active in his professional organization, The Association of College Unions. He helped found the organization in 1914, serving as its secretary from 1919 to 1932 and as president in 1933. He also served as editor of the Association's Bulletin for a number of years.

Edward S. "Beanie" Drake was a pleasant little man, always busy as any undergraduate in all the varied aspects of university life. His stewardship of the Ohio Union carried him into intimate contact with students and their problems. He was always cheerfully helpful in times of stress and a willing guide to the fuller life in happier times. He never married; The Ohio State University and its students were his whole life.

April 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Edward S. "Beanie" Drake (continued)

As "Beanie" passes from the scene at Ohio State, his impression will linger on for years to come, not only in the form of fond memories but also in the many traditions and customs which he helped to found and propagate. He gave to the students at Ohio State a source of humanism, warmth and guidance which is so important even today if we are to carry on and fulfill the true purposes of The Ohio State University.

On behalf of the entire University family, the Board of Trustees expresses to his many friends on and off campus, 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 as a humble expression of the Board's heartfelt sympathy in the passing of Edward S. Drake.

C. Frank Greene Davis

The Board of Trustees expresses its sorrow at the death on March 29, 1967, of Frank Greene Davis, Instructor Emeritus in the Department of Engineering Drawing.

Mr. Davis was born in Baltimore, Maryland, on August 31, 1897, and was graduated from the United States Military Academy, West Point, Class of 1919. His father, Colonel William D. Davis, fell in the line of duty in World War I, and Fort Davis in the Panama Canal Zone was named in his honor. Following in the footsteps of his father, he had an active army career, serving in both the first and second World Wars, and retiring in 1954 with the rank of Colonel.

In addition to numerous campaign ribbons, Colonel Davis had been awarded the Legion of Merit, Bronze Star and Army Commendation Medal (all U. S.), the Croix de Guerre w/palm (France), the Croix de Guerre (Belgium) and the Philippine Legion of Honor.

Colonel Davis came to The Ohio State University upon his retirement from the service, his last tour of duty being on the staff of his Alma Mater, the United States Military Academy.

Colonel Davis served as an Instructor in the Department of Engineering Drawing from October, 1954, until his retirement with the rank of Instructor Emeritus in September, 1965.

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.

April 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Forrest Guy Ketner

The Board of Trustees expresses its sorrow at the death on April 9, 1967, of Forrest Guy Ketner, who for 14 years gave dedicated service as a member and twice as Chairman of the Board of Trustees of The Ohio State University.

Forrest Guy Ketner was born on January 23, 1888, in Thurston, Ohio, where he received his early education in the public schools of Fairfield County. He was awarded a Bachelor of Arts degree from Otterbein College in 1910 and was granted an honorary Doctor of Laws degree by the same institution in 1958.

Mr. Ketner's association with The Ohio State University extends over a period of more than half a century from the date of his first appointment in 1918 as a Lecturer in the Division of Farmer's Institutes of the Cooperative Extension Service. He was appointed by the Board of Trustees on July 1, 1918, as the first County Agricultural Extension Agent in Delaware County, where he served until May 31, 1920. Following this service, he accepted the appointment as the first Director of Cooperative Marketing with the Ohio Farm Bureau Federation. In this position, he began a long and effective professional career which has led to his being recognized as a national leader in the field of livestock management and marketing. Mr. Ketner served as Secretary-Treasurer and General Manager of the Producers Livestock Association and its several wholly owned subsidiary corporations from the time of its organization July 19, 1934 until his retirement in 1959.

Mr. Ketner's community and business affiliations were many. He was a member of the Bexley Methodist Church, Columbus Rotary Club, Columbus Country Club, Columbus Athletic Club, Aladdin Shrine of the Masonic Lodge and Scottish Rite. He served actively in Big Brothers, Columbus Area Chamber of Commerce, Ohio and American Farm Bureaus, and Ohio State Grange and was a member of the national honorary society of agriculture, Gamma Sigma Delta.

Prior to Mr. Ketner's appointment as Trustee of The Ohio State University in 1949, he served as Chairman of the Alumni Advisory Committee for the College of Agriculture and Home Economics and as a member of the Alumni Advisory Board of The Ohio State University. Throughout his service as Trustee of the University, he contributed a depth of experience and fundamental sensitivity which made him a constructive participant in the policy development of the University. It was during his term of office as Chairman of the Board in 1956 that Dr. Novice G. Fawcett was selected as President of the University. He was a Past President of the Governing Boards of State Universities and Allied Institutions, in which organization he effectively served higher education of the state and nation for 12 years.

Upon the expiration of his second term as a Trustee of The Ohio State University in 1963, he was presented the University's Distinguished Service Award. In 1964 a scholarship fund was established in his name for students in the College of Agriculture and Home Economics, and he became a member of the Presidents Club of The Ohio State University.

April 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Forrest Guy Ketner (continued)

The administration, faculty and students of The Ohio State University as well as all of the citizens of Ohio will long remember with admiration and affection the significant contributions made by Forrest Guy Ketner to the cause of higher education not only in the areas of agriculture and home economics but in all the disciplines encompassed by The Ohio State University.

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. Alumni Distinguished Teaching Awards

President Fawcett announced the names of those members of the faculty who were honored at the Spring Quarter Faculty Meeting on April 6, 1967, and presented with the Alumni Distinguished Teaching Awards. They were as follows:

S. Earl Brown, Associate Professor in the Department of Geography

Roger K. Burnard, Instructor in the Department of Zoology and Entomology, Lima Campus

Charles J. Fillmore, Associate Professor in the Department of Linguistics

James G. Gottling, Associate Professor in the Department of Electrical Engineering

Mark P. O. Morford, Associate Professor in the Department of Classics

B. Report from the Finance and Investment Committee

1. Wright State Campus - Additional Financing (\$125,000) for Student Activity Center

Mr. France, a member of the Finance and Investment Committee, presented the following resolution:

April 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Wright State Campus - Additional Financing (\$125,000)
for Student Activity Center (continued)

RESOLUTION providing for the issuance of \$125,000 Student Center Notes of 1967 for and on behalf of the Wright State Campus and its successor, Wright State University, and its Board of Trustees, for the purpose of paying part of the cost of constructing and equipping a project comprised of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space at Wright State Campus.

WHEREAS, the Wright State Campus was created by Substitute Senate Bill No. 210, passed by the 106th General Assembly of Ohio, as an interim institution of higher education under the administration of the Boards of Trustees of The Ohio State University and Miami University, with the goal of developing a state university; and

WHEREAS, the Boards of Trustees of said Universities are directed by Revised Code Section 3352.10 to establish policies and goals for the purpose of preparing Wright State Campus to become a state university, and are empowered by Revised Code Section 3352.11 to do all things necessary for the creation, proper maintenance and successful operation of Wright State Campus with the goal of developing a state university; and

WHEREAS, the Wright State Campus Advisory Committee (herein called the Advisory Committee) has been established, pursuant to Revised Code Section 3352.12, for the purpose of consulting and advising with regard to policies for the development of Wright State Campus into a state university; and

WHEREAS, the Advisory Committee did at its January 20, 1966 meeting, by formal resolution find and determine that there is an urgent need at Wright State Campus to develop facilities to serve as a student activity center with dining and other areas to accommodate functions which are important to the successful operations of an institution of higher education and necessary to the development of Wright State Campus into a state university; and

WHEREAS, the Boards of Trustees of The Ohio State University and Miami University did at their meetings held February 10, 1966 and February 12, 1966, respectively, concur in such need and determined to assist in the development of such building; and

WHEREAS, the Advisory Committee did at its July 1, 1966 meeting by resolution advise and recommend that the project should constitute a student activity center providing, among other things, space for student activities and recreation, and also dining and bookstore space (hereinafter called the "Project"), estimated to cost approximately \$950,000; and

April 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Wright State Campus - Additional Financing (\$125,000)
for Student Activity Center (continued)

WHEREAS, the Board of Trustees of Wright State University, upon commencement of the exercise of its powers, pursuant to Substitute Senate Bill No. 210, will have authority under Revised Code Section 3345.11 to issue bonds or notes to repay moneys borrowed and advances made for the development of the Project; and

WHEREAS, The Ohio State University, by agreement with Miami University, has heretofore undertaken supervision of certain capital improvements at Wright State Campus; and

WHEREAS, extensive analysis by representatives of the Advisory Committee and of The Ohio State University have resulted in the conclusion that the most feasible way of providing for the development of the Project is through the borrowing of necessary funds by The Ohio State University, supported by guarantees, which funds would then be advanced to the Wright State Campus and its successor, Wright State University, and which borrowed and advanced funds are to be repaid from the proceeds of the issuance of bonds or notes by the Board of Trustees of Wright State University following the commencement of their exercise of powers as aforesaid; and

WHEREAS, pursuant to the recommendation and request made on behalf of the Advisory Committee, the Board of Trustees of Miami University did, on June 11, 1966, duly adopt a resolution concurring in such method of financing, concurring in the levy of a Student Center Fee to be pledged thereto and planning and development of the Project, and concurring in the exercise of all functions by the Board of Trustees of The Ohio State University and officers of said University designated by it, in the planning, development and financing of the Project; and

WHEREAS, by resolution adopted July 1, 1966, the Advisory Committee has advised and requested the Board of Trustees of The Ohio State University cause the Project to be financed substantially in the manner provided in the resolution hereinafter referred to and adopted by said Board on July 14, 1966; and

WHEREAS, by resolutions adopted July 14, 1966, the Board of Trustees of The Ohio State University, pursuant to the resolutions of the Advisory Committee and of the Board of Trustees of Miami University referred to above, provided for the issuance of \$950,000 Student Center Notes of 1966 for and on behalf of The Wright State Campus and its successor, Wright State University, and its Board of Trustees, (hereinafter called "Note Resolution") for the purpose of paying the costs of the Project pursuant to Section 3352.11 of the Revised Code of Ohio and for the planning and development of the Project, assessing a Student Center Fee at Wright State Campus, and matters incidental thereto; and

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Wright State Campus - Additional Financing (\$125,000)
for Student Activity Center (continued)

WHEREAS, pursuant to said Note Resolution said Board of Trustees of The Ohio State University issued and delivered a note entitled "Student Center Note of 1966" dated August 25, 1966 in the aggregate principal sum of \$950,000 to The Winters National Bank and Trust Company of Dayton, Dayton, Ohio, together with a guaranty as required by said resolution; and

WHEREAS, the present estimate of cost of constructing and equipping the Project exceeds the original estimate of cost by \$125,000; and

WHEREAS, the Advisory Committee has advised and requested that the Board of Trustees of The Ohio State University cause the additional estimated cost of the Project, to-wit: \$125,000 to be financed substantially in the manner provided in the July 14, 1966 Note Resolution;

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

Section 1. Pursuant to the resolutions of the Wright State Campus Advisory Committee and of the Board of Trustees of Miami University referred to above, it is hereby determined and declared that it is necessary to issue notes as herein provided in the principal sum of \$125,000 pursuant to Section 3352.11 of the Revised Code of Ohio for the purpose of paying the part of the costs of the Project, and thereby provide for the maintenance and successful operation of Wright State Campus with the goal of developing a state university.

Section 2. Said notes together with the Student Center Notes of 1966 dated August 25, 1966 heretofore authorized and issued in the aggregate sum of \$950,000 shall be payable from (a) the Student Center Fees assessed upon students at The Wright State Campus and other revenues of the Project financed hereby which are pledged thereto subject to application thereof to pay costs of the Project and subject to any pledge thereof to secure bonds or notes issued by Wright State University and its Board of Trustees, pursuant to Section 3345.11 of the Revised Code of Ohio, to repay the moneys borrowed for the below mentioned Project evidenced by the notes of this issue and the issue of the said Student Center Notes of 1966 and advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, and (b) the proceeds of the sale of any such bonds or notes of Wright State University and its Board of Trustees, which proceeds shall be applied promptly to the payment or prepayment of such principal and interest; and neither the State of Ohio nor The Ohio State University, Wright State University, their respective Boards of Trustees, nor Wright State Campus 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 any of such institutions thereof, and this note is not the general obligation of the State or any such institutions and their full faith and credit are not

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Wright State Campus - Additional Financing (\$125,000)
for Student Activity Center (continued)

pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment of the principal or of interest upon the notes of this issue.

Section 3. Said notes shall be designated "Student Center Notes of 1967", shall be dated as determined by the Fiscal Officer, and shall mature not later than February 25, 1968, provided that the same may be prepaid at any time without penalty or premium. Said notes shall bear interest payable at maturity or upon prepayment of principal, at the rate or rates, not exceeding 3-3/4% per annum, as determined by the Fiscal Officer in his certificate awarding such notes. Said notes shall be in the denomination of \$25,000 and any multiples thereof, and may be represented by a single note, all as requested by the Original Purchaser thereof and approved by the Fiscal Officer. Said notes shall be payable as to both principal and interest at the place or places designated by the Original Purchaser and approved by the Fiscal Officer, and said notes shall be signed by the President or the Fiscal Officer of The Ohio State University, and shall be impressed with or bear a facsimile of the official seal of the University. Said notes shall be substantially in the form attached hereto as Exhibit A, page 558, the terms and covenants of which are incorporated herein, with such changes not detrimental to the University as the President or the Fiscal Officer may approve. For purposes of this resolution, Fiscal Officer shall mean the Vice President, Business and Finance, of The Ohio State University.

Section 4. Said notes herein authorized are issued by The Ohio State University and its Board of Trustees solely for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, and not for or on behalf of The Ohio State University or its Board of Trustees nor for or on behalf of Miami University and its Board of Trustees, and all obligations hereunder shall be solely those of Wright State University and its Board of Trustees upon the commencement of the exercise of their powers pursuant to Chapter 3352 of the Revised Code of Ohio and Substitute Senate Bill No. 210 enacted by the 106th General Assembly, as amended or affected by further legislation, whereupon the control of the aforesaid Project shall be transferred to the Board of Trustees of Wright State University; and prior thereto the sole obligation of The Ohio State University and its Board of Trustees, pursuant and subject to the authority aforesaid, shall be to fix and maintain Student Center Fees at The Wright State Campus in amount sufficient, with other revenues of said Project, to produce net receipts estimated to be adequate to permit the ultimate issuance of bonds by the Board of Trustees of Wright State University, under Section 3345.11 of the Revised Code of Ohio, in sufficient principal amount for the repayment of the notes of this

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Wright State Campus - Additional Financing (\$125,000)
for Student Activity Center (continued)

issue and the Student Center Notes of 1966 as aforesaid, and to maintain the pledge of said Student Center Fees and other revenues as aforesaid to secure said issues of notes.

Section 5. The notes shall be sold by negotiation, solicitation of proposals or advertisement for bids, by the Fiscal Officer upon such terms and conditions, not inconsistent with this resolution, as he may determine, but at a purchase price of not less than par plus accrued interest, if any. The award of the notes by the Fiscal Officer shall be evidenced by a Certificate of Award signed by him (the purchasers designated therein being herein collectively called the "Original Purchasers"), and the President and Fiscal Officer of the University are each authorized to do all things necessary or proper for the delivery of said notes in accordance with such award and this resolution; PROVIDED, HOWEVER, that such notes shall not be delivered until and unless there is delivered to the Original Purchasers and to the University a guaranty or guarantees of the full obligation of said notes signed by or on behalf of a guarantor or guarantors satisfactory to the Original Purchasers and the Fiscal Officer substantially in the form attached hereto as Exhibit B, page 561, with such changes therein as such Original Purchasers and the Fiscal Officer may approve, his delivery of such notes and their acceptance of them to be conclusive evidence of such approvals.

Section 6. The proceeds of such notes shall be advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, by crediting such proceeds to an account clearly indicating the purpose thereof, and such proceeds shall be disbursed by the appropriate officers of the University to pay costs of the Project, including all costs relating to the planning, development and financing thereof. Until needed for such purposes said proceeds may be deposited and invested in such manner as the Fiscal Officer may determine. Any balance remaining in said account at the time of commencement of the exercise of powers by the Board of Trustees of Wright State University shall be transferred to Wright State University for application as aforesaid. The payment in full of said notes, with all interest due, by Wright State University and its Board of Trustees or by the aforesaid guarantors shall serve to discharge the aforesaid advance of funds by The Ohio State University.

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

UNITED STATES OF AMERICA

STATE OF OHIO
THE OHIO STATE UNIVERSITY
Acting for and on behalf of Wright State Campus
and its Successor,
WRIGHT STATE UNIVERSITY

STUDENT CENTER NOTE OF 1967

§

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees, acting for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, for value received hereby promise that Wright State University and its Board of Trustees will pay, solely from the sources hereinafter set forth, to

or order, the principal sum of

DOLLARS

on the twenty-fifth day of February, 1968, provided that the right is reserved to make prepayment of said principal sum at any time without penalty or premium, with interest thereon from the date hereof at the rate of three and three quarters per centum (3-3/4%) per annum, payable at maturity or upon prepayment of the principal hereof. The principal sum and interest thereon are payable in lawful money of the United States of America at the principal office of

upon the pre-

sentation and surrender of this note. The principal and interest hereof and of a note of like tenor and effect, in the aggregate sum of \$950,000 dated as of August 25, 1966, heretofore issued and delivered to The Winters National Bank and Trust Company of Dayton, Dayton, Ohio, are payable solely from (a) the Student Center Fees assessed upon students at The Wright State Campus and other revenues of the Project financed hereby pledged thereto pursuant to the below mentioned resolutions, subject to application thereof to pay costs of the Project and subject to any pledge thereof to secure bonds or notes issued by Wright State University and its Board of Trustees, pursuant to Section 3345.11 of the Revised Code of Ohio, to repay the moneys borrowed for the below mentioned Project evidenced by the notes of said August 25, 1966 issue and this issue and advanced to The Wright State Campus and its successor, Wright State University and its Board of Trustees, and (b) the proceeds of the sale of any such bonds or notes of Wright State University and its Board of Trustees, which proceeds shall be applied promptly to the payment or prepayment of such principal and interest; and neither the State of Ohio nor The Ohio State University, Wright State University, their respective Boards of Trustees, nor Wright State Campus 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 any of such institutions thereof, and this note is not the general obligation of the State or any such institutions and their full faith and credit are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment of the principal of or interest upon the notes of this issue.

This note is issued for the purpose of paying part of the cost of constructing and equipping a project comprised of a student activity center providing, among other things, space for student activities and recreation, and also dining facilities and bookstore space, under authority of, pursuant to and in full compliance with the general

April 13, 1967 meeting, Board of Trustees

Wright State Campus - Student Center Notes of 1967 (continued)

laws of the State of Ohio, particularly Section 3352.11 of the Revised Code, and pursuant to resolutions of The Wright State Campus Advisory Committee adopted July 1, 1966 and _____, 1967, a resolution of the Board of Trustees of Miami University adopted June 11, 1966, and resolutions of the Board of Trustees of The Ohio State University adopted July 14, 1966 and April 13, 1967.

In consideration of the loan evidenced by this note, The Ohio State University and its Board of Trustees covenant and agree, on behalf of Wright State University and its Board of Trustees, that Wright State University and its Board of Trustees will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of bonds or notes to repay, with all interest due, the moneys borrowed for the aforesaid Project and evidenced by the notes of the issue dated August 25, 1966 and this issue, pursuant to Section 3345.11 of the Revised Code, in such principal amount as shall be necessary to pay the principal of and interest on said note issued and dated August 25, 1966, this note and all other notes of this issue, and 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 Wright State 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.

This note is issued by The Ohio State University and its Board of Trustees solely for and on behalf of Wright State Campus and its successor, Wright State University and its Board of Trustees, and the proceeds thereof will be advanced to them for the aforesaid Project, all pursuant to the authority aforesaid, and not for or on behalf of The Ohio State University or its Board of Trustees nor for or on behalf of Miami University and its Board of Trustees, and all obligations hereunder shall be solely those of Wright State University and its Board of Trustees upon the commencement of the exercise of their powers pursuant to Chapter 3352 of the Revised Code of Ohio and Substitute Senate Bill No. 210 enacted by the 106th General Assembly, as amended or affected by further legislation, whereupon the control of the aforesaid Project shall be transferred to the Board of Trustees of Wright State University; and prior thereto the sole obligation of The Ohio State University and its Board of Trustees, pursuant and subject to the authority aforesaid, shall be to fix and maintain Student Center Fees at The Wright State Campus in amount sufficient, with other revenues of said Project, to produce net receipts estimated to be adequate to permit the ultimate issuance of bonds by the Board of Trustees of Wright State University under Section 3345.11 of the Revised Code of Ohio, in sufficient principal amount for the repayment of the notes of the issue dated August 25, 1966 and this issue as aforesaid, and to maintain the pledge of said Student Center Fees and other revenues as aforesaid to secure said issues of notes. This note is executed on behalf of said Boards of Trustees of The Ohio State University and Wright 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, have happened, been done and performed in regular and due form as required by law.

April 13, 1967 meeting, Board of Trustees

Wright State Campus - Student Center Notes of 1967 (continued)

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, acting for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of The Ohio State University and to be attested by the Secretary of the Board of Trustees of said University, as of the _____ day of _____, 1967.

THE OHIO STATE UNIVERSITY and
THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY
Acting for and on behalf of
The Wright State Campus and its Successor,
WRIGHT STATE UNIVERSITY and
THE BOARD OF TRUSTEES OF WRIGHT STATE UNIVERSITY

By _____
Vice President, Business and Finance
of The Ohio State University

Attest _____
Secretary of the Board of Trustees
of The Ohio State University

(SEAL)

GUARANTY

This Guaranty given by the undersigned Guarantors to (herein called the Bank), any bank or other person having a participating interest in the within mentioned notes, successors and assigns, and every subsequent holder of the within mentioned notes (herein collectively called Noteholders).

WHEREAS, provided that this guaranty be given, The Ohio State University and its Board of Trustees (herein sometimes collectively called the University) will issue and deliver to

one or more Student Center Notes (herein called the Notes), aggregating not more than One Hundred Twenty-Five Thousand Dollars (\$125,000) in principal amount, maturing February 25, 1968, bearing interest payable at maturity or upon prepayment at the rate of three and three quarters per centum (3-3/4%) per annum, and issued for and on behalf of The Wright State Campus and its successor, Wright State University and its Board of Trustees, for the purpose of paying part of the cost of constructing and equipping a project at Wright State Campus comprised of a student activity center providing space for student activities and recreation, and also dining facilities and bookstore space at Wright State Campus, the obligation of which notes is to be satisfied by Wright State University and its Board of Trustees; and

WHEREAS, provided that this Guaranty be given, the Bank will accept and pay for said Notes;

NOW, THEREFORE, in order to induce the University to issue and deliver the Notes to the Bank, and in order to induce the Bank to accept delivery and make payment for the Notes, the Guarantors do hereby jointly and severally unconditionally guarantee to the Noteholders, and each of them, irrespective of the genuineness, validity, regularity, or enforceability thereof, or of the obligation evidenced thereby, and irrespective of any other circumstance, and all sums stated therein to be payable on the Notes shall be promptly paid in full at maturity, and, in case of any extension of time of payment or renewal in whole or in part, all sums shall be promptly paid when due according to such extension or extensions, renewal or renewals, at maturity; and in case Wright State University and its Board of Trustees shall fail to pay or cause to be paid all or any part of the principal of and interest on the Notes when due, the Guarantors jointly and severally agree to pay to the noteholders the amount due and unpaid in like manner as if such amounts constituted the direct and primary obligation of the Guarantors.

The Guarantors hereby consent that at any time, without notice to the Guarantors, payment of any sums payable on the Notes may be extended, or the Notes may be renewed in whole or in part, or the pledges and covenants securing the Notes may be waived or modified, all without releasing, discharging or in any way affecting the liability of the Guarantors.

The Guarantors hereby waive presentment, demand for payment by the Wright State University and its Board of Trustees or anyone else, protest and notice of nonpayment, dishonor, or protest of the Notes, and all other notices and demands.

April 13, 1967 meeting, Board of Trustees

Guaranty (continued)

The Guarantors shall have no right of subrogation against Wright State University and its Board of Trustees as to any of the Notes unless the Noteholder thereof shall have received full payment thereon, and upon such full payment in part made by two or more of the Guarantors pursuant hereto, such Note shall be transferred to

as Escrow Agent for the Guarantors as their respective interests appear.

The Guarantors hereby acknowledge that The Ohio State University and its Board of Trustees shall have no obligation to the Guarantors under the Notes or pursuant to this Guaranty and waive any and all rights of subrogation against The Ohio State University and its Board of Trustees.

The Guarantors further agree that all liability hereunder shall continue notwithstanding the incapacity, lack of authority, death, or disability of any one or more of the Guarantors, and that any failure by the Noteholders to file or enforce a claim against the estate of any of the Guarantors shall not operate to release any other of the Guarantors from liability hereunder.

GUARANTORS:

Date Signed:

By _____

By _____

By _____

April 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated March 31, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

D. Report on Proposed Academic Reorganization

President Fawcett stated that in view of the significance and wide interest in the proposed academic reorganization of the University, Dr. John E. Corbally, Jr. has been invited to review the proposal. Dr. Corbally's report is summarized as follows, and a copy of his report filed with the official records of the Board of Trustees;

The proposal from the Council on Academic Affairs urges:

1. The creation of the Colleges of the Arts and Sciences composed of four new colleges--arts, humanities, mathematics and physical sciences, and social sciences and the present College of Biological Sciences and University College. The faculty of these units would have complete jurisdiction over basic education requirements and over all programs for baccalaureate degrees that have no further designation other than Bachelor of Science or Bachelor of Arts;
2. The creation of a College of Administrative Science to replace the College of Commerce and Administration which will lose several departments to the new Colleges of Arts and Sciences; and
3. The creation of a College of Optometry, now a school, as a fifth graduate professional college.

The new basic education unit, the Colleges of the Arts and Sciences, would have a coordinating council composed of the deans of its six member colleges. One of these deans would serve a four-year term as Chairman of the Coordinating Council of Deans and as Chairman of the Faculty of the Arts and Sciences.

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Thereupon the Board adjourned to meet Thursday, May 11, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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APPENDIX VIII

Revision of

Rules 31.03, 31.05, 33.11, 33.13, 35.07 and 37.09

of Rules for the University Faculty

Approved by Faculty Council March 14, 1967

Adopted by Board of Trustees April 13, 1967
(See page 528)

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Rules for the University Faculty

On March 14, 1967, the Faculty Council approved the following revision of Rule 31.05 and changes as underscored in Rules 31.03, 33.11, 33.13, 35.07 and 37.09 of Rules for the University Faculty.

31.03. Course Numbering.

Courses numbered below 200 are primarily designed for freshmen and sophomores and do not carry credit for graduate students. Courses numbered from 300 through 499 are not open to freshmen and do not carry credit for graduate students. Courses numbered from 500 through 799 are designed for upperclassmen and graduate students and are not open to freshmen or sophomores, except with the consent of the Dean of the Graduate School. Courses numbered 800 and above are designed for graduate students and are open to undergraduates only with the consent of the Dean of the Graduate School.

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31.05. Prerequisites for University Courses of Instruction.

Section 1. Courses numbered 000-099 are considered to be noncredit courses for orientation, remedial, or other noncollege-level experiences. There are no prerequisites for courses at this level.

Section 2. Courses numbered 100-199 are basic courses providing undergraduate credit and do not count on a major or field of specialization in any department. Courses at this level have either no prerequisites or specified course(s) numbered 100-199.

Section 3. Courses numbered 200-299 are basic courses providing undergraduate credit and may be counted on a major or field of specialization. Prerequisites for courses at this level include: (1) forty-five quarter hours in collegiate courses, exclusive of ROTC or Physical Education; or (2) specified course(s) numbered 100-199; or (3) satisfactory placement on entrance examinations when applicable.

Section 4. Courses numbered 300-499 provide undergraduate and/or professional credit and include: (a) intermediate courses providing undergraduate credit which may be counted on a major or field of specialization; (b) basic courses in the professional divisions of the Colleges of Education and Engineering; (c) basic courses in the Colleges of Dentistry, Pharmacy, and Veterinary Medicine. Prerequisites for courses at this level include: (1) ninety quarter hours in collegiate courses, exclusive of ROTC and Physical Education or (2) specified course(s) numbered 100-399.

Section 5. Courses numbered 500-599 provide undergraduate or professional and graduate credit, and include: (a) intermediate courses providing undergraduate credit which may be counted on a major or field of specialization and provide graduate credit only in other departments; (b) intermediate courses in the professional divisions of the Colleges of Education and Engineering; (c) intermediate courses in the Colleges of Dentistry, Pharmacy, and Veterinary Medicine; (d) basic courses in the Colleges of Law and Medicine. Prerequisites for courses at this level include: (1) fifteen quarter hours in courses in the same discipline numbered 200 or higher, or (2) ten quarter hours in courses numbered 200 or higher in the same discipline, plus ten quarter hours in courses numbered 200 or higher in specified allied disciplines, or (3) baccalaureate degree.

Rules for the University Faculty

31.05. Prerequisites for University Courses of Instruction. (continued)

Section 6. Courses numbered 600-799 provide undergraduate or professional and graduate credit. These courses are designed to meet the needs of Section 5, a, b, c, d, and also include: (a) advanced courses providing undergraduate credit which may be counted on a major or field of specialization and may also provide graduate credit in all departments; (b) advanced courses in professional divisions and professional colleges. Prerequisites for courses at the 600 level include: (1) fifteen quarter hours in courses in the same discipline numbered 300 or higher, or (2) ten quarter hours in courses numbered 300 or higher in the same discipline, plus ten quarter hours in courses numbered 300 or higher in specified allied disciplines. Prerequisites for courses at the 700 level include: (1) fifteen quarter hours in courses in the same discipline numbered 400 or higher and (2) additional specified course(s) numbered 600 or higher.

Section 7. Courses numbered 800-999 provide graduate credit only and are open only to students in the Graduate School. Prerequisites for courses at this level include: (1) thirty quarter hours in courses in the same discipline, or (2) twenty quarter hours in the same discipline, plus twenty-five quarter hours in specified allied disciplines.

Section 8. In accordance with the procedure outlined in Rule 31.0201, departments and schools will submit for approval a statement for each proposed new or altered course in the 500 through 900 groups which shows the prerequisites that are to be regarded as belonging to the same subject and those that are regarded as allied subjects.

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33.11. Cancellation of Elective Courses.

As promptly as possible after the filing of election cards, the Registrar shall report to the Dean of the College having charge of the Department concerned all elementary elective courses (those numbered below 300) in which fewer than twelve students are enrolled and all elective advanced undergraduate courses (those numbered 300 and above) in which fewer than eight students are enrolled. The Dean shall cancel every such course unless the Department can show adequate reason why it should be given. When such a course is cancelled, the Dean shall notify the Registrar, who shall insert in the Official Bulletin a notice of its cancellation.

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33.13. Regulations for the Control of Course Offerings.

Section 1. The regulations applicable to classes in the 000, 100, and 200 groups are:

- a. A course offered only once during the three quarters of the regular academic year which has failed to secure an average enrollment of fifteen for the last two times it was given shall be withdrawn from the catalogue or limited to alternate years.
- b. A course offered during two quarters of the regular academic year which has failed during the preceding year to secure a total enrollment of forty shall be offered during one quarter only.

Rules for the University Faculty

33.13. Regulations for the Control of Course Offerings. (continued)

- c. A course offered during three quarters of the regular academic year which has failed during the preceding year to secure a total enrollment of seventy-five shall be withdrawn for one quarter, and, if the total enrollment is less than forty, it shall be withdrawn for two quarters.
- d. If an elective course during a current quarter fails to secure an enrollment of twelve, it shall be withdrawn for that quarter despite the fact that its record of enrollment during the preceding year permits its listing under a, b, or c of this Section 1. (See Rule 33.11.)

Section 2. The regulations applicable to classes in the 300, 400, 500, 600, and 700 groups are:

- a. A course offered only once during the three quarters of the regular academic year which has failed to secure an average enrollment of ten for the last two times that it was given shall be withdrawn from the catalogue or limited to alternate years.
- b. A course offered during two quarters of the regular academic year which has failed during the preceding year to secure a total enrollment of twenty-five shall be offered during one quarter only.
- c. A course offered during three quarters of the regular academic year which has failed during the preceding year to secure a total enrollment of forty-five shall be withdrawn for one quarter, and if the total enrollment is less than twenty-five it shall be withdrawn for two quarters.
- d. If an elective course during a current quarter fails to secure an enrollment of eight, it shall be withdrawn for that quarter despite the fact that its record of enrollment permits its listing under a, b, or c of this Section 2. (See Rule 33.11.)

Section 3. A course withdrawn or suspended under these rules may be restored by following the procedure for introduction of new courses.

Section 4. These regulations do not apply to minor or major research problem courses, to honors courses, or to courses in which special types of instruction or equipment, or limited laboratory facilities, require that, without reference to expense, classes be smaller than those provided for by these regulations. All exceptions of these types must be authorized by the Council on Academic Affairs each year.

Section 5. Courses for which there is inherently a limited demand but which are essential to the University's program, may be exempted from these regulations, in whole or in part, by the Council on Academic Affairs. Each such course shall be considered annually upon its individual merits.

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Rules for the University Faculty

35.07. Marks.

EM-- Examination

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course for credit is being given is taught. This credit, up to a maximum of 45 quarter credit hours, or of 70 quarter credit hours in the case of students registered in the School of Nursing who have completed diploma nursing programs and are licensed registered nurses, shall be assigned only upon the authorization of the Chairman of such Department or the Director of such School and with the approval of the Executive Committee of the College in which the student is registered. Additional examination quarter credit hours may be assigned in the same manner but only with the prior approval of the Faculty Council.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

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37.09. Repetition of Courses.

Section 1. A student who has received a mark of E 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 in any other course at the University may repeat the course for credit at his option.

Section 2. An undergraduate or professional student, as defined in Rule 41.03, who has received a mark of D in a course at this University may repeat the course for credit only upon the recommendation of the Executive Committee and with the approval of the Dean of his College. A graduate student, as defined in Rule 41.03, may, when approval is given by his adviser, repeat for credit any course in which he has received a mark of D.

Section 3. An undergraduate or professional student, as defined in Rule 41.03, who has received a mark of A, B, or C 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.

Section 4. A student who has audited a course may subsequently repeat the course for credit with the permission of the Executive Committee of his College.

Section 5. The credit hours for a repeated course shall in no case be counted more than once in meeting graduation requirements.

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

Columbus, Ohio, May 11, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, May 11, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy and Don M. Hilliker.

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Minutes of the last meeting were approved.

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May 11, 1967 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Parking Inventory and Analysis Study

The Franklin County Regional Planning Commission has engaged the firm of Barton-Aschman Associates, Inc., of Chicago to make a detailed Parking Inventory and Analysis of the Central Traffic District as a part of the Comprehensive Regional Plan of Columbus and Franklin County, popularly known as the "Blue Plan." The Barton-Aschman parking study and related studies by the Regional Planning Commission staff and other consultants will include a detailed inventory of parking facilities, updating of origin and destination information, a study of duration of parking based on postcard questionnaires distributed to all parked cars in the study area, a detailed facility usage study and preparation of parking demand forecasts.

These studies as originally designed included the University district and the campus of The Ohio State University, but the campus would have been treated as a single district. The results, therefore, would have been of limited value to the University in the study of its parking and traffic problem.

An agreement has been reached between The Ohio State University and the Franklin County Regional Planning Commission whereby the Barton-Aschman study will be expanded to provide for analysis of the campus data by parking zones and to provide 100 printed copies of a separate report for The Ohio State University area. This report will include future parking demands by campus area, trip purpose and category of parker; and it will include recommendations with respect to policy decisions required by the University to meet the parking demands of the future. The agreement provides that the additional costs for this expanded analysis in the campus area and for the preparation of the special report for the University will be paid by the University in the amount of \$8,200.00.

It was recommended that the President be authorized to sign the above referred to agreement since the findings from this expanded study will be directly usable in the currently planned restudy of the campus master plan and will also be useful in meeting traffic and parking problems prior to the completion of the master plan revision, and it is to the clear advantage of the University to participate in the Barton-Aschman studies as indicated. Funds are available for this purpose in Account 122248.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement described in the foregoing paragraphs.

I. GENERAL RECOMMENDATIONS (continued)

B. 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 September 1, 1967 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.

Kenyon Stafford Campbell
Thomas Edgar Davis
Jean Waid Reilly

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above nominations for the Distinguished Service Award were approved by unanimous voice vote.

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II. PERSONNEL CHANGES

A. Retirement of Dean of Women and Dean of Men and the Promotion of Two Persons to Major Administrative Responsibilities

President Fawcett made the following statement concerning the retirement of Dean of Women Christine Y. Conaway and Dean of Men Mylin H. Ross and the promotion of Associate Dean Ruth H. Weimer and Associate Dean Milton W. Overholt:

After a combined total of 50 years of service to students at our University, Dean of Women Christine Y. Conaway and Dean of Men Mylin H. Ross have announced their plans for retirement. Their dedicated service to two generations of students in a period of rapid university growth has enabled our institution to demonstrate its concern for each individual student as a person. Based upon a recommendation from Executive Dean Bonner, I am asking that Christine Y. Conaway be designated Dean of Women Emeritus and Mylin H. Ross be awarded the title of Dean of Men Emeritus, effective September 1, 1967.

Careful study of the various functions of the Area of Student Relations has indicated that some reorganization of responsibilities is necessary and desirable. I am, therefore, recommending the promotion of Ruth H. Weimer from Associate Dean of Women to Associate Dean for Student Relations, effective September 1, 1967. Her new responsibilities will include the coordination of all student organizations and activities and programming for the residence halls.

I would also like to recommend the promotion of Milton W. Overholt from Associate Dean of Men to Associate Dean for Student Relations, effective September 1, 1967. His responsibilities will include the coordination of all student housing, men and women, on and off campus. Eight of the other Big 10 institutions have previously instituted a unified housing program of this type.

May 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

President Fawcett followed with the recommendation that all personnel changes since the April 13, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Appointments, Retirement of Donald P. Cottrell from Deanship of the College of Education, Leaves of Absence Without Salary and Emeritus Titles:

B. Appointments

William Hagen Halverson, Associate Dean, University College, effective July 1, 1967, at a salary of \$17,568.00 per annum.

William M. Protheroe, Associate Dean, Graduate School, effective October 1, 1967, at a salary of \$19,668.00 per annum. Dr. Protheroe will also hold an appointment as Professor in the Department of Astronomy at "No Salary."

Merton L. Dillon, Professor, Department of History, effective October 1, 1967, at a salary of \$16,068.00 per annum.

Thomas A. Flinn, Professor, Department of Political Science, effective October 1, 1967, at a salary of \$17,568.00 per annum.

Galen R. Rarick, Professor, School of Journalism, effective October 1, 1967, at a salary of \$18,168.00 per annum.

Rolf Hans Soellner, Professor, Department of English, effective October 1, 1967, at a salary of \$14,268.00 per annum.

C. Retirement of Donald P. Cottrell from Deanship of the College of Education

President Fawcett made the following statement concerning Dr. Donald P. Cottrell's retirement from the Deanship of the College of Education:

At the March 9, 1967 meeting, the Board of Trustees approved the appointment of Dr. Luvern L. Cunningham to succeed Dr. Donald P. Cottrell as Dean of the College of Education, effective September 1, 1967. Dean Cottrell's retirement from the position of Dean is pursuant to the policy established by the Board of Trustees which requires that 'principal administrative officers of the University be relieved of their assignments as such administrative officers of the University on June 30 next following the attainment of age 65.'

To assure continuity in the Office of the Dean of the College of Education, it is recommended that an exception be made to the above-referred to policy which extends Dean Cottrell's retirement from the Deanship from June 30, 1967 to August 31, 1967.

May 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary

Merton C. Bernstein, Professor, College of Law, effective October 1, 1967 through September 30, 1968, to serve as Visiting Professor at Columbia University.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective May 1, 1967 through August 31, 1967, to continue to serve as a consultant at the Punjab Agricultural University in India under the Ford Foundation grant.

Maurice E. Cope, Associate Professor, School of Art, effective January 1, 1968 through September 30, 1968, to accept a grant from the National Foundation on the Arts and Humanities.

William R. Riley, Associate Professor, Department of Physics, effective April 1, 1967 through September 30, 1967, to serve as a consultant for College Institutes for Physics Teachers under the AID - National Science Foundation program in India.

John H. Dines, Assistant Professor, Department of Preventive Medicine, effective July 1, 1967 through November 30, 1967, to continue his leave in England for personal reasons.

Louis Kasza, Assistant Professor, Department of Veterinary Pathology, effective July 1, 1967 through March 31, 1968, to continue his leave for study in England.

Jean D. Dickerschied, Instructor, School of Home Economics, effective July 1, 1967 through September 30, 1967, to complete work on her Ph. D. degree.

John D. Rohrer, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective July 1, 1967. (Military Leave)

Ronald H. Pollock, Assistant Business Manager, Office of Business and Finance - Administration, effective June 1, 1967 through June 30, 1968, to serve on the staff of the Agency for International Development under the United States State Department.

E. Emeritus Titles

Walter R. Krill, College of Veterinary Medicine - Administration, with the title Dean Emeritus, and Department of Veterinary Medicine, with the title Professor Emeritus, effective July 1, 1967.

May 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Christine Y. Conaway, Office of the Dean of Women, with the title Dean of Women Emeritus, effective September 1, 1967.

Mylin H. Ross, Office of the Dean of Men, with the title Dean of Men Emeritus, effective September 1, 1967.

Henry Hess Blau, Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1967.

Samuel B. Folk, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1967.

E. Allen Helms, Department of Political Science, with the title Professor Emeritus, effective July 1, 1967.

Andrew H. Hendrickson, School of Education, with the title Professor Emeritus, effective September 1, 1967.

J. Henry Kaiser, College of Dentistry, with the title Professor Emeritus, effective July 1, 1967.

Edgar Littlefield, School of Art, with the title Professor Emeritus, effective July 1, 1967.

William B. Logan, Sr., School of Education, with the title Professor Emeritus, effective July 1, 1967.

Lowell J. Ragatz, Department of History, with the title Professor Emeritus, effective August 1, 1967.

Victor Lawrence Steffel, College of Dentistry, with the title Professor Emeritus, effective July 1, 1967.

William E. Warner, School of Education, with the title Professor Emeritus, effective September 1, 1967.

N. Gilbert Riddle, Department of Business Organization, with the title Associate Professor Emeritus, effective July 1, 1967.

Everett M. Schreck, Department of Speech, with the title Associate Professor Emeritus, effective July 1, 1967.

Elden B. Sessions, School of Education, with the title Associate Professor Emeritus, effective July 1, 1967.

Margaret M. Willis, School of Education, with the title Associate Professor Emeritus, effective July 1, 1967.

May 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Carl J. Wirthwein, Department of Physical Education - Men's Division, with the title Associate Professor Emeritus, effective September 1, 1967.

Robert V. Zumstein, Department of Physics, with the title Associate Professor Emeritus, effective July 1, 1967.

Florence A. Hendee, Library, with the title Assistant Professor Emeritus, effective July 1, 1967.

Doris L. Snook, Cooperative Extension Service, with the title Assistant Professor Emeritus (Extension Specialist, Housing and Furnishings), effective July 1, 1967.

Bertha B. Everhart, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics) Franklin County, effective July 1, 1967.

Leo J. Greenwald, College of Dentistry, with the title Instructor Emeritus, effective July 1, 1967.

Grace S. Haber, Department of English, with the title Instructor Emeritus, effective August 1, 1967.

Upon motion of Dr. Thomas, seconded by Mr. Bricker, the foregoing Promotions, Appointments, Retirement of Donald P. Cottrell, 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 September 5, 1950, 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.

May 11, 1967 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

- a1. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Heterogeneity of Deoxyribonucleic Acids (to be known as National Institutes of Health Project No. 1048 - Ext. #7 - Department of Chemistry).
Gross Value - \$18,610.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, The Factors Determining Cardiac Output in Man (to be known as National Institutes of Health Project No. 1254 - Ext. #6 - Department of Medicine).
Gross Value - \$18,776.00.
- a3. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451 - Ext. #5 - Department of Pharmacology).
Gross Value - \$25,804.00.
- a4. 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 - Ext. #4 - Department of Speech).
Gross Value - \$15,640.00.
- a5. U. S. Army Engineer, Research and Development Laboratories, Ft. Belvoir, Virginia, Geodetic Control Without Triangulation, Trilateration or Gravity (to be known as U. S. Army Engineer, Research and Development Laboratories Project No. 1802 - Mod. #7 - Department of Geodetic Science).
Gross Value - \$14,162.00.
- a6. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820 - Ext. #3 - Department of Chemistry).
Gross Value - \$22,627.00.
- a7. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Distribution and Metabolism of Dihydroquinidine H³ (to be known as National Institutes of Health Project No. 2013 - Ext. #2 - Department of Pharmacology).
Gross Value - \$16,124.00.

May 11, 1967 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, National Center for Chronic Disease Control, Arlington, Virginia, Planning a University-Wide Interdisciplinary Program in Mental Retardation (to be known as National Center for Chronic Disease Control Project No. 2139 - Ext. #1 - Department of Medicine).
Gross Value - \$12,114.00.
- a9. Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts, Asymptotic High Frequency Methods (to be known as Electronic Systems Division Project No. 2183 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$27,499.00.
- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Influence of Adrenal Hormones on Muscle Receptors (to be known as National Institutes of Health Project No. 2243 - Ext. #1 - Department of Physiology).
Gross Value - \$2,850.00.
- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Lipid Metabolism in the Human Placenta (to be known as National Institutes of Health Project No. 2254 - Ext. #1 - Department of Pediatrics).
Gross Value - \$19,172.00.
- a12. Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2276 - Mod. #6 - College of Commerce and Administration - Continuing Education).
Gross Value - \$14,300.00.
- a13. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigations (to be known as Systems Engineering Group, Research and Technology Division Project No. 2384 - New - Department of Electrical Engineering).
Gross Value - \$119,972.00.
- a14. 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 - New - Department of Electrical Engineering).
Gross Value - \$24,778.00.

May 11, 1967 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)

- a15. 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 - New - Department of Electrical Engineering).
Gross Value - \$34,994.00.
- a16. National Science Foundation, Washington, D. C. , Collective and Non-Collective Foreign Policy Strategies (to be known as National Science Foundation Project No. 2423 - New - Department of Political Science).
Gross Value - \$3,500.00.
- a17. U. S. Army Research Office - Durham, Durham, North Carolina, Study of Optical Masers (to be known as U. S. Army Research Office - Durham Project No. 2424 - New - Department of Physics).
Gross Value - \$28,033.00.
- a18. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Hematologic Effects of Increased Oxygen Tensions (to be known as Systems Engineering Group, Research and Technology Division Project No. 2425 - New - Department of Medicine).
Gross Value - \$9,650.00.
- a19. U. S. Army Research Office - Durham, Durham, North Carolina, Investigation of Boundary Layer Control on Air Foils at and Above the Critical Mach Number (to be known as U. S. Army Research Office - Durham Project No. 2426 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$39,300.00.
- a20. National Science Foundation, Washington, D. C. , The Chemistry of Bent Bonds (to be known as National Science Foundation Project No. 2427 - New - Department of Chemistry).
Gross Value - \$33,000.00.
- a21. Air Force Office of Scientific Research, Arlington, Virginia, Waiting Time Distributions Under Markovian Dependence with Applications (to be known as Air Force Office of Scientific Research Project No. 2428 - New - Department of Mathematics).
Gross Value - \$80,568.00.

May 11, 1967 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. National Science Foundation, Washington, D. C. , Research Initiation - Numerical Solution of Transport Equations (to be known as National Science Foundation Project No. 2429 - New - Department of Chemical Engineering).
Gross Value - \$20,000.00.
- a23. National Aeronautics and Space Administration, 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 - New - Department of Medicine).
Gross Value - \$20,000.00.
- a24. U. S. Army Research Office - Durham, Durham, North Carolina, The Charge Mechanism in Ferroelectrics (to be known as U. S. Army Research Office - Durham Project No. 2433 - New - Department of Mechanical Engineering).
Gross Value - \$7,046.00.
- a25. National Science Foundation, Washington, D. C. , Phase Equilibrium Studies in the CaO-MgO (to be known as National Science Foundation Project No. 2434 - New - Department of Mineralogy).
Gross Value - \$23,600.00.

TOTAL - Government Contracts - Federal \$652,119.00

2. Government 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 - New - Department of Geodetic Science).
Gross Value - \$22,096.00.

3. Industrial and Other Contracts

- a1. Firestone Tire & Rubber Company, Akron, Ohio, Health Hazards of Certain Compounds and Products (to be known as Firestone Tire & Rubber Company Project No. 246 - Ext. #21 - Department of Pathology).
Gross Value - \$20,400.00.
- a2. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, Compartmentation of Heart Mitochondria (to be known as American Heart Association, Inc. Project No. 2234 - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$14,575.00.

May 11, 1967 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)

- a3. Northwestern Ohio Heart Association, Inc., Toledo, Ohio, Quinidine and Dihydroquinidine Action on Cardiac Transmembrane Potentials and Mechanical Activity of the Rat and Guinea Pig Atrium (to be known as Northwestern Ohio Heart Association, Inc. Project No. 2412 - New - Department of Pharmacology).
Gross Value - \$7,040.00.
- a4. The Miami Valley Heart Chapter, Xenia, Ohio, The Influence of Sympathetic Mediators on the Susceptibility of Cardiac Arrhythmias (to be known as The Miami Valley Heart Chapter Project No. 2416 - New - Department of Pharmacology).
Gross Value - \$6,000.00.
- a5. American Heart Association, Inc., 44 East 23rd Street, New York, New York, Diastolic Retrograde Myocardial Perfusion During Coronary Occlusion (to be known as American Heart Association, Inc. Project No. 2418 - New - Department of Surgery).
Gross Value - \$14,025.00.
- a6. 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 - New - School of Art).
Gross Value - \$7,913.00.
- a7. American Heart Association, Inc., 44 East 23rd Street, New York, New York, An Integrated Study of the Coronary System in Intact Dogs (to be known as American Heart Association, Inc. Project No. 2422 - New - Department of Physiology).
Gross Value - \$13,255.00.

TOTAL - Industrial and Other Contracts \$83,208.00

The foregoing thirty-three contracts for research in cooperation with Government, Industry and Other represent a gross income of \$757,423.00.

Upon motion of Mr. France, seconded by Mr. Ketterer, 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.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from March 29, 1967 through April 25, 1967, 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 298X Statistical Analysis of Aggregate Size Distribution, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$31,800.00.

EES 299X A Study of Highway Needs and Resources, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$201,776.00.

SC 54 Architectural and Engineering Professional Development
Mod. #1 Course, Office of Civil Defense, Department of the Army, Washington, D. C.
Gross Value - \$2,500.00.

TOTAL - Government Research Contracts \$236,076.00

2. Industrial Research Contracts

EES 282X Investigation of Vibration Aids to Bulk Handling of Resins,
Ext. #2 Union Carbide Corporation, Olefins Division, Texas City, Texas.
Gross Value - \$12,000.00.

EES 288X A Study of V-Belts, Dayco Corporation, Belt Engineering
Ext. #1 Department, Springfield, Missouri.
Gross Value - \$6,100.00.

SC 66 OCD, A & E Professional Development Courses, Spring 1967, National Society of Professional Engineers, Washington, D. C.
Gross Value - \$14,850.00.

TOTAL - Industrial Research Contracts \$32,950.00

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$269,026.00.

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May 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 13, 1967, 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. \$344,007.00 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 the Language Building. This grant is made under Title II of the Higher Education Facilities Act of 1963. (Project No. 2-2427)
2. \$307,500.00 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 authorized under Title I, Part C, of the Economic Opportunity Act of 1964. (OE 38 45 0430)
3. \$139,856.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Comparative Pathology," under the direction of the Department of Veterinary Pathology," for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 GM01052-05)
4. \$112,644.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Otolaryngology and Audiology Training Grant," under the direction of the Department of Otolaryngology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 NB05397-05)
5. \$71,350.00 granted by Department of Health, Education and Welfare, Welfare Administration, Children's Bureau, Washington, D. C. 20201, to the University for "Child Welfare Training Grant," under the direction of the School of Social Work, for the period July 1, 1967 through June 30, 1968. (Project No. 67-45)
6. \$65,874.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program "Parasitology and Medical Entomology," under the direction of the Department of Zoology and Entomology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 A100216-07)
7. \$61,037.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the improvement of undergraduate instruction in Biological, Physical and Social Sciences; Engineering; Mathematics; Geography; Education and Campus-Wide General Use. This grant is made under Part A, Title VI, Higher Education Act of 1965. (Project No. 02-074027)

May 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$42,991.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University to conduct a NDEA Institute for Advanced Study for Counseling and Guidance under the direction of the School of Education. This grant terminates on July 22, 1967. (Grant No. OEG-3-7-120032-1981)
9. \$20,433.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled "Effects of Drugs on Cardiac Membrane Potentials and Contraction," under the direction of the Department of Pharmacology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HE11929-04)
10. \$8,050.00 granted by Alfred P. Sloan Foundation, 630 Fifth Avenue, New York, New York 10020, to the University in support of fundamental research in the Department of Chemistry.

TOTAL - Through the Office of Business and Finance \$1,173,742.00

B. Received Through The Ohio State University Development Fund

1. \$35,000.00 by a bequest in the will of J. Ernest Carman--\$25,000.00 for the establishment of the J. Ernest Carman Geology Fellowship and \$10,000.00 for the establishment of the J. Ernest Carman Cancer Research Fund.

J. Ernest Carman Geology Fellowship

The J. Ernest Carman Geology Fellowship was established April 14, 1967, by a bequest of \$25,000.00 through the Development Fund from J. Ernest Carman, former chairman of the Department of Geology.

Income is to be used to support a fellowship on an advanced graduate level in the Department of Geology for a student who has shown an interest in, and expects to choose, a dissertation study dealing with the geology of Ohio.

The selection of the student shall be made by the Department of Geology, with the approval of the Dean of the Graduate School. The value of this fellowship shall be similar to that of other fellowships as prevailing at The Ohio State University at that date. The granting of this fellowship for any year shall be contingent upon sufficient funds being available.

J. Ernest Carman Cancer Research Fund

The J. Ernest Carman Cancer Research Fund was established April 14, 1967, by a bequest of \$10,000.00 through the Development Fund from J. Ernest Carman, former chairman of the Department of Geology.

May 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

1. J. Ernest Carman Cancer Research Fund (continued)

Income is to be used as the Dean of the College of Medicine determines, in research or studies having to do with the cause, prevention or cure of cancer. Should the time come when the income is not needed for this purpose, then it may be used in a similar way for some other disease, as determined by the Dean of the College of Medicine.

2. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund in the College of Medicine.
3. \$10,000.00 from Union Carbide Corporation, South Charleston, West Virginia, for the grant-in-aid program to the Department of Chemistry.
4. \$8,517.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.
5. \$7,401.00 from the Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
6. \$6,000.00 from John Deere Foundation, Moline, Illinois, for the Center for Vocational and Technical Education.
7. \$5,145.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
8. \$5,000.00 from Menley and James Laboratories, Ltd., Philadelphia, Pennsylvania, for the Infectious Disease Laboratory Research Fund in the College of Medicine.
9. \$4,758.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
10. \$4,200.00 from North American Aviation, Inc., Columbus, Ohio, for the North American Aviation Fellowship in Aviation Medicine.
11. \$3,000.00 from Parke, Davis & Company, Ann Arbor, Michigan, for the Parke, Davis & Company Research Fund in Chemistry.
12. \$3,000.00 from American Cyanamid Company, Wayne, New Jersey, for the Cyanamid Faculty Support Grant in the Department of Chemical Engineering.
13. \$2,500.00 from Hercules Incorporated, Wilmington, Delaware, for the grant-in-aid program to the Department of Chemical Engineering.
14. \$2,475.00 from The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio, for The Edward Orton, Jr. Ceramic Foundation in Mineralogy.

May 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$2,400.00 from the American College of Preventive Medicine, Chapel Hill, North Carolina, for the B. F. Goodrich Preventive Medicine Research Fund.
16. \$2,000.00 from Mervin B. France for the Novice G. Fawcett Professorship in Educational Administration.
17. \$2,000.00 from The Resler Foundation, Columbus, Ohio, for the John B. Fullen Scholarship Fund.
18. \$2,000.00 from The Sears-Roebuck Foundation, Chicago, Illinois, for the Center for Vocational and Technical Education.
19. \$1,500.00 from Universal Oil Products Foundation, Des Plaines, Illinois, for the Universal Oil Products Company Scholarship Fund in Chemical Engineering.
20. \$1,200.00 from The Blind Association of Central Ohio, Inc., Columbus, Ohio, to be used by the Director of the Center for Community and Regional Analysis for research on problems of the blind.
21. \$1,000.00 from American Hoechst Corporation, Mountainside, New Jersey, for the Hoechst Pharmaceutical Research Fund.
22. \$1,000.00 from Garwick & Ross, Inc. (J. Parker Garwick), Columbus, Ohio, for the J. Parker Garwick Fund.
23. \$1,000.00 from William H. Havener, M. D., Columbus, Ohio, for the Ophthalmology Teaching Fund.
24. \$1,000.00 from The Pittsburgh Plate Glass Foundation, Pittsburgh, Pennsylvania, for the grant-in-aid program to the Department of Chemical Engineering.

TOTAL - Received Through the Development Fund \$122,096.00

C. Gift-in-Kind

1. A vendor catalogue microfilm file with provision for updating of this information from Information Retrieval, Inc., Palo Alto, California, for use in the Department of Mechanical Engineering.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the Board of Trustees by unanimous vote approved the acceptance of the above grants and gifts, and the Secretary was instructed to include the report in the minutes of this meeting.

May 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In March, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	885	\$ 39,809.90
Individuals other than alumni	59	6,298.50
Nonprofit organizations	38	43,154.58
Business concerns	<u>28</u>	<u>30,962.98</u>
	1,010	\$120,225.96

Of these gifts, 701 totaling \$5,962.99 were undesignated and 309 totaling \$114,262.97 were designated.

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V. EXTRA ORDER TO CONTRACT

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra Order to Contract as listed below be approved by the Board of Trustees:

A. Extra Order to Contract

1. Wiseman Hall Addition \$6,430.00

Upon motion of Mr. France, seconded by Dr. Thomas, the above recommendation 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, 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 1967

This project will provide repairs for the roofs of the following buildings: Arps Hall, Botany and Zoology, Engineering Experiment Station, Industrial Engineering, Lord Hall, Men's Physical Education, Orton Hall, Pump House and Upham Hall.

Funds are provided from Budget Account 121658 and the Hospital Rotary.

May 11, 1967 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. University (General) College, Building No. 2

This project will provide a science building with laboratories, classrooms, lecture halls and offices.

Funds for this project are provided from Item 051, H. B. 949, and anticipated receipts of a Title I Federal Grant recommended by the Board of Regents.

C. Golf Course Club House

This project consists of an addition to the present Club House to provide dining facilities, a separate building for equipment sales and storage and remodeling of rest rooms, shower rooms and stairways.

Funds for this project are provided from Athletic Department Funds.

D. Medical Center Utilities

This project includes sewer, water, gas, steam and electric lines to serve all of the new buildings in the Medical Center.

Funds for this project are provided from Item 048, H. B. 202.

E. Graduate Research Center for Biological Sciences

This building will house the administrative offices of the College of Biological Sciences and the instructional and research laboratories for the Departments of Zoology and Entomology, Biochemistry, Microbiology and Biophysics.

Funds for this project are provided from Item 031, H. B. 202, a Title II grant received and anticipated receipts from a Title I grant which has been recommended by the Board of Regents.

F. Dodd Hall Addition

This project consists of a new Fourth Floor, a First Floor Addition and remodeling work to provide expanded facilities for the rehabilitation needs of both inpatients and outpatients.

Funds for this project are provided from Item 054, H. B. 202, and a grant from the Hill-Burton Fund.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, 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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May 11, 1967 meeting, Board of Trustees

VII. 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. Gas Meter House Removal

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-26-67)		
Ohio Central Construction (Worthington)	\$13,450.00	\$20,000.00

Funds for this project are provided from Budget Account 121658.

Upon motion of Mr. Ketterer, seconded by Mr. France, the above award of contract and expenditure of funds was 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 purposes:

A. Request Submitted by The Ohio State University

19 Approves the transfer and release of \$196,250.00 from Item 037 University (General) College, H. B. 949, to Item 055 University (General) College, Building #3 (\$115,900.00) and Item 056 University (General) College, Building #4 (\$80,350.00).

B. Request Submitted by the Ohio Board of Regents

36 Approves the transfer and release of \$33,000.00 from Item 006, H. B. 949, Ohio Board of Regents, University Branches, to Item 037, H. B. 949, Ohio State University University (General) College, to provide funds for site improvements planning.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Upham Hall Remodeling, Employment of Architects

President Fawcett recommended that the architectural firm of Loren Staker and 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 periodic supervision of construction of this project.

May 11, 1967 meeting, Board of Trustees

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

A. Upham Hall Remodeling, Employment of Architects (continued)

This service will be provided at a fee of 8 per cent of the cost of construction or an estimated \$4,000.00. Funds for this project will be provided from Budget Account 801116.

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

B. Airport Operations Remodeling, Employment of Architects

President Fawcett recommended that the architectural firm of C. B. Forward and 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 complete supervision of construction for this project.

This service will be provided at a fee of 10 per cent of the construction cost or an estimated \$1,200.00. Funds for this project will be provided from Budget Account 129060.

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

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X. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Albert L. Henne, Professor in the Department of Chemistry. 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. Albert L. Henne

The Board of Trustees expresses its sorrow at the death on March 11, 1967, of Albert L. Henne, Professor in the Department of Chemistry.

Albert L. Henne was born in Brussels, Belgium, on March 24, 1901. He received the Ph. D. (cum laude) from the University of Brussels in 1925 and was a fellow of the Belgian-American Education Foundation at the Massachusetts Institute of Technology in 1925-26. He became a naturalized United States citizen in 1933.

In 1927-28 Dr. Henne was employed by the Thomas and Hochwalt Laboratories in Dayton, Ohio. In 1928 he became associated with Thomas Midgley, Jr., the inventor of Ethyl Gasoline (containing lead tetraethyl as anti-knock agent). Although a mechanical engineer, Midgley saw chemical problems and called upon chemists to help attack them. Dr. Henne worked with Midgley on natural

May 11, 1967 meeting, Board of Trustees

X. RESOLUTION IN MEMORIAM (continued)

A. Albert L. Henne (continued)

and synthetic rubber and on a suitable gas for home refrigeration. Work on the latter problem resulted in the Freons. During World War II Freon was used as the basis for a spray or aerosol insecticide which since then has become a commonplace household item. Professor Henne held the position of Special Lecturer at the University and Director of Research of the Midgley Foundation (at Ohio State) during 1931-1938 after which he was appointed Associate Professor of Chemistry in the University in 1939.

During the period 1939-1943 Dr. Henne was associated with Professor Cecil E. Boord in setting up and organizing the work and laboratories of the American Petroleum Institute Project at Ohio State. This need for pure hydrocarbon syntheses for engine fuel evaluation arose from the discovery that certain highly branched hydrocarbons had a higher anti-knock rating than the best leaded gasoline. The information obtainable from the synthetic program was required for the design of aviation gasoline for the piston-type engines then used for airplanes. This military requirement of World War II was the main cause for the government building permit allowing construction of the laboratory now known on the campus as the "War Research Building." He was Vice Chairman of the Fuel Section, National Defense Research Committee, during World War II.

Dr. Henne was made Professor of Chemistry at The Ohio State University in 1942. His main scientific interest during his academic career was in the organic chemistry of fluorine-containing hydrocarbons, in which he became a recognized international authority.

The fluorocarbons, because of their unique properties, became important substances for the Manhattan District activity leading to the atomic bomb. In "Atomic Energy for Military Purposes," H. D. Smyth writes (10, 29, p. 182, diffusion separation): "As in the plutonium problem, so here also, there were many questions of corrosion, etc., to be investigated. New coolants and lubricants were developed by A. L. Henne and associates, . . ."

For many years, Albert Henne was a consulting chemist for the E. I. du Pont de Nemours and Co. and its associated companies, Frigidaire and the Ethyl Gasoline Corporation. He was a Guggenheim Fellow at Cambridge University, England, in 1952. He served as Visiting Professor at the University of Colorado (1948), California Institute of Technology (1950), American University of Beirut (1954-55) and University of Prague (1947). He served for several periods at the University of Brussels where he helped establish the chemistry courses for the degree, then new at Brussels, in chemical engineering. The Belgian Government decorated Dr. Henne as Chevalier de Premier Ordre du Roi Leopold II.

Dr. Henne was an excellent teacher. He liked to teach organic chemistry where he emphasized industrial aspects. His wide experience in many universities, both in this country and in Europe, made his counsel valued.

May 11, 1967 meeting, Board of Trustees

X. RESOLUTION IN MEMORIAM (continued)

A. Albert L. Henne (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. Report on Conveyance of Land to The Ohio State University for the Newark Campus

The President presented the following report:

On March 2, 1967, the Park National Bank of Newark, The Newark Trust Company and The First National Bank of Newark as Trustees of the Licking County Foundation for Public Giving, Newark, Ohio, conveyed 101.38 acres, more or less, by warranty deed to the State of Ohio. Title to the land, located in the City of Newark, Licking County, Ohio, was examined and approved by the Attorney General of Ohio. The land will provide the site for The Ohio State University - Newark Campus.

It is reported for information and the record that the 101.38 acres were acquired from four owners at a cost of \$335,000.00. The funds were provided by donations resulting from the Newark-Ohio State University Development Campaign.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated April 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

C. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks and activities to take place in the near future. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. The College of Engineering will dedicate six new classroom and laboratory buildings and additions in ceremonies Friday, May 12, 1967. The special program will be held as part of the College's 14th annual Alumni of the College of Engineering Day. About 1,000 alumni have been invited to attend.

May 11, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Report on Highlights of Campus Activities

2. Harold Howe II, who has been the U. S. Commissioner of Education since December, 1965, will address the Spring Quarter Commencement on June 13.
3. Dr. Richard M. Mall, Professor of Speech, will be the new Director of Alumni Affairs, succeeding John B. Fullen, who will retire July 1 after 39 years of service.
4. The College of Medicine recently broadcast its fourth pilot television program of the year via the Ohio Medical Education Network. The television venture, directed to physicians as an adjunct to continuing medical education on the postgraduate level, was carried by WOSU-TV, WGSF-TV in Newark and CATV (cable) Service in several hospitals. Hospitals participating in the experimental television series are in Springfield, Chillicothe, Mansfield, Ironton, Newark, Coshocton, London, Marysville, Marion and Columbus.
5. Ohio State is now home for the NAEB Journal, official publication of the National Association of Educational Broadcasters. Scheduled to be renamed the Educational Broadcasting Review, the Journal currently circulates 6,000 copies on a bi-monthly basis throughout the U. S. and in Canada and Mexico.
6. Fourteen new Assistant Professors in the arts and humanities have been awarded Development Fund Faculty Fellowships for 1967, according to Dr. Alfred B. Garrett, Vice President for Research. Each recipient will receive a \$1,500 award.
7. An Ohio State metallurgist has been tapped for membership in the National Academy of Engineering, a group of the nation's leading engineers called upon to advise the Federal Government in matters of science and technology. Dr. Mars G. Fontana, Chairman of the Department of Metallurgical Engineering and an authority on corrosion research, was one of 93 scientists elected to the Academy.
8. Dr. Kenneth L. Bader, Assistant Dean of the College of Agriculture and Home Economics, has been selected by the American Council on Education as an academic intern for the 1967-68 academic year. Dr. Bader will serve his internship at the University of California in Irvine.
9. Aerial demonstrations and ground exhibits of general aviation airplanes will be featured at the third annual Aviation Day Program of Ohio State University's Department of Aviation Saturday, May 13, at the University Airport.

XI. REPORTS (continued)

D. A Six-Year Report of the College of
Medicine, The Ohio State University

The Secretary distributed the report entitled, "A Six-Year Report of the College of Medicine, The Ohio State University, 1961 through 1966," to each member of the Board as requested by Dean Richard L. Meiling. A copy of the said report will be filed with the official records of the Board of Trustees.

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XII. RECOGNITION OF JACOB E. DAVIS, RETIRING
CHAIRMAN OF THE BOARD OF TRUSTEES

Mr. John Bricker, in recognition of the expiration of Mr. Jacob E. Davis' term as a member of the Board of Trustees and his retirement as Chairman of the Board, expressed words of deep appreciation and high commendation for Mr. Davis' devoted and generous service as trustee and alumnus of the University. Mr. Bricker made special reference to the following projects to which Mr. Davis gave his personal leadership and generous fiscal support: (a) the establishment of a scholarship fund for the School of Social Work and the creation of a cooperative graduate program in social work in the Cincinnati community with the University of Cincinnati cooperating with The Ohio State University, (b) the establishment of a special fund for the College of Law and (c) the establishment of the Novice G. Fawcett Professorship in Educational Administration.

The President, speaking on behalf of the administration, faculty and students, expressed words of gratitude to Mr. Davis for his effective and loyal service dedicated to the best interest of the University. In recognition of Mr. Davis' distinguished service, President Fawcett presented the citation which appears on the following page.

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XIII. 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, 1967, and shall continue through the May, 1968 meeting of the Board:

Chairman - Stanley C. Allyn
Vice Chairman - John W. Bricker
Secretary - John T. Mount
Treasurer - Gordon B. Carson

Mr. Jones seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board with Mr. Bricker abstaining.

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The Ohio State University

in recognition of duty well performed
upon completion of distinguished service to the University
as a dedicated member of the Board of Trustees and a
faithful custodian of our educational heritage
the Board of Trustees, administration
faculty and students convey deep appreciation
and good wishes to

Jacob A. Davis

a loyal alumnus of the University. In
grateful acknowledgement this certificate
is presented

at The Ohio State University
on the eleventh day of May in
the year of our Lord, 1967.



Norris M. Fawcett
PRESIDENT OF THE UNIVERSITY
John T. Mount
SECRETARY OF THE BOARD OF TRUSTEES

May 11, 1967 meeting, Board of Trustees

XIV. STATEMENT MADE BY MR. JACOB E. DAVIS

The Chairman, Mr. Davis, expressed deep appreciation and thanks to Mr. Bricker for his kind remarks and to President Fawcett for the handsome citation. In concluding the meeting, Mr. Davis made the following statement:

It has been a privilege for me to serve on this Board of Trustees. I regret that during my tenure the Board has not been able to do more for this institution.

I have tremendous confidence in the administration and faculty of Ohio State University - their integrity, their competence, their objectives, and their dedication. I also have great faith in the student body of this University - an outstanding group of young men and women. I firmly believe that Ohio State University has a destiny of genuine academic excellence which will be reached in the next ten or fifteen years unless it becomes an innocent victim of too much politics and/or too little money, operating and capital, from the taxpayers of Ohio.

May God bless you and help all of you to help this fine university achieve its noble purpose.

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Thereupon the Board adjourned to meet Thursday, June 8, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 8, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, June 8, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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The Vice Chairman, Mr. Bricker, introduced the new member of the Board of Trustees, Mr. William C. Safford, Cincinnati, Ohio, who was appointed by Governor James A. Rhodes, to succeed Mr. Jacob E. Davis, for the term beginning May 14, 1967 and expiring May 13, 1976. Mr. Safford's appointment was confirmed by the Ohio Senate on May 11, 1967.

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Minutes of the last meeting were approved.

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June 8, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1967-1968 Fiscal Year

President Fawcett presented the following statement pertaining to the recommended budgets for the 1967-1968 fiscal year:

Today, I am presenting a unified University budget document that is based upon total estimated revenue for the 1967-1968 fiscal year. This estimate is subject to passage by the General Assembly of Ohio of the Appropriation Act (House Bill 537) and anticipates a Supplemental Appropriation Act to produce the revenue for a continuation budget in the amount of \$136,917,720.

This budget proposal is based on the concept that the University must continue to improve the quality of its programs despite the fact that resources for the full implementation of University needs are not in sight.

Expenditure estimates in the amount of \$136,917,720 for 1967-1968 are approximately \$15,000,000 above estimated expenditure of \$121,947,357 for 1966-1967. The increase from all funds - both general and restricted - can be traced for the most part to increases in the following categories:

1. Personal services, including retirement	\$5,700,000
2. Operating and equipment budgets	2,000,000
3. Cooperative Extension	700,000
4. Federal and State grants and gifts	4,000,000
5. University Hospitals	1,700,000
6. Operation of dormitories	500,000
7. Auxiliary enterprises and services	500,000

Over \$2,000,000 of the increase for personal services is required to cover the cost the University will incur in compliance with the requirements of H. B. 93. The remainder of the increase is to provide merit and market salary increases and adjustments to meet competition and will increase the faculty salary average by about five per cent. Additional funds are provided to employ personnel necessary to meet increased enrollments and to staff new buildings coming "on line" in the next year.

The increases in the operating and equipment budgets reflect inflationary costs and additional funds required because of new buildings and increased enrollment.

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1967-1968 Fiscal Year (continued)

Increased funds for the Ohio Cooperative Extension Service and for the University Hospitals are required to provide salary increases for professional staff members, to meet mandated salary increases for civil service and equivalent personnel under the requirements of H. B. 93 and to cover price increases caused by inflation.

I am pleased to report the growth of University activity that evolves from Federal, State and private grants, gifts and contracts in support of teaching and research programs. These programs constitute one measure of the growing effectiveness of our faculty. It should be recognized, however, that the growing activity of this institution in the fields of research and teaching requires certain internal financial commitments in support of the quality that earns the recognition of outside funding agencies.

Other increases evolve from earnings and income from literally hundreds of auxiliary enterprises and departmental activities in which income is directly offset by expenses charged against these earnings.

As will be pointed out in the recommendations, expenditures exceed estimated receipts in the amount of \$6,137,144 and which amount hopefully will be funded by a Supplemental Appropriation Act by the General Assembly of Ohio. In the event that the Supplemental Appropriation Act would not produce \$6,137,144, then the hard decision will need to be made as to what advance in fees will be required and/or what reductions in program costs can be effected.

It should be pointed out, however, that any reduction beyond the contemplated expenditure of \$136,917,720 would weaken substantially the quality of certain University programs.

While, if I had the choice, I would not bring a unified budget to the Board at this time because of the uncertainty of resources, such action is absolutely necessary in order to provide timely assurances to personnel that their positions will not be in jeopardy and to reduce as much as possible the loss of people whose services are being sought by other institutions, by government agencies and by business and industry.

With this background of information, President Fawcett 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 1967-1968:

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1967-1968 Fiscal Year (continued)

In recommending this continuation budget it should be noted that the funds necessary for the support of new and improved programs in the amount of \$9,040,813.00 have not been included in the recommended budget and that support for a limited number of program improvements for which commitments have been made in the amount of only about one-half million dollars is provided in the recommended budget.

It is recommended that the following unified budget be approved subject to expenditure limitations as set forth below:

<u>General Budget</u>		<u>\$ 70,365,579.00</u>
Personal Services	\$49,936,955.00	
Retirement and Other	4,634,324.00	
Equipment	3,456,500.00	
Operating	10,675,760.00	
Other	1,662,040.00	
<u>Special Budgets</u>		<u>\$ 1,955,000.00</u>
Student Activities	\$ 1,236,604.00	
Laboratory Fees	320,000.00	
Miscellaneous		
Projects	398,396.00	
<u>Restricted Funds</u>		<u>\$ 41,649,000.00</u>
Branch Campuses	\$ 2,220,000.00	
Cooperative Extension		
Service	6,722,000.00	
Mershon Center for		
Education in		
National Security	300,000.00	
Other Endowment		
Accounts	1,030,000.00	
Gifts and Grants	14,050,000.00	
University Hospitals	17,155,000.00	
Other	172,000.00	
<u>Rotary Accounts</u>		<u>\$ 22,948,141.00</u>
Dormitories	\$ 6,000,000.00	
Athletics	2,698,966.00	
Conferences	700,000.00	
Auxiliary Accounts	13,549,175.00	
<u>TOTAL</u>		<u>\$136,917,720.00</u>
Estimated Income Subject to Passage of		
H. B. 537		\$130,780,576.00
Estimated Deficit		\$ 6,137,144.00

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1967-1968 Fiscal Year (continued)

The foregoing recommended budget is presented for adoption subject to passage of House Bill 537.

It is further recommended that the detailed supporting statements for the foregoing summary budget figures which have been reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file this unified budget statement for the fiscal year 1967-1968 with the official records of the University.

Mr. Jones moved that the foregoing recommendations for adoption of a budget in the amount of \$130,780,576.00 for the fiscal year 1967-1968 be approved; and

Further, that it be the sense of this motion that the estimated deficit in the amount of \$6,137,144.00 must be funded through additional legislative actions in the form of a supplemental appropriation at the approximate level recommended by the Ohio Board of Regents or by such adjustments in student fees and programs as may be required to achieve the "continuation budget" in the amount of \$136,917,720.00.

Mr. France seconded the above motion, and it was unanimously approved by roll call vote.

Budget for The Ohio State University Research Foundation for the 1967-1968 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1967-1968, beginning July 1, 1967, be approved in an amount not to exceed \$894,338.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 21, 1967.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, The Ohio State University Research Foundation budget for 1967-1968 was approved by unanimous roll call vote.

Budget for The Ohio State University Development Fund for the 1967-1968 Fiscal Year

It is recommended that The Ohio State University Development Fund annual budget for the fiscal year 1967-1968, beginning July 1, 1967, be approved in an amount not to exceed \$222,754.00. This budget was approved by the Board of Directors of The Ohio State University Development Fund at its annual meeting on February 24, 1967.

Upon motion of Mr. Hilliker, seconded by Mr. France, The Ohio State University Development Fund budget for 1967-1968 was approved by unanimous roll call vote.

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

President Fawcett continued with the presentation of the following recommendations for consideration by the Board of Trustees:

B. Dormitory Room and Board and Apartment Rental Rates

President Fawcett presented the following resolution and recommended that it be adopted:

WHEREAS, by 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 dormitory facilities as will pay the cost of maintenance and operation and provide for the payment of principal of and interest on the bonds and other payment to special funds required by Section 9 of the Bond Resolution; and

WHEREAS, the rates set forth below are hereby determined to be in compliance with the aforesaid covenants; and

WHEREAS, this resolution has been reviewed by Bond Counsel and approved by them as complying as to form with the aforesaid Bond Resolution;

NOW, THEREFORE, BE IT RESOLVED, that the residents of the following residence halls be charged rental rates, including board, to be effective the first day of the Autumn Quarter, 1967, pursuant to the following schedule (all quarterly rates are applicable to the Summer Quarter):

Undergraduate Residence Halls (Note 1)

Baker, Bradley, Canfield, Mack, Park, Paterson, Siebert, Smith, Steeb and Stradley Halls; Archer, Barrett, Blackburn, Halloran, Haverfield, Houck, Norton, Nosker and Scott Houses; Drackett, Morrison and Taylor Towers	\$293.00 per quarter
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Single Room - Additional Charge \$ 25.00 per quarter

Stadium Scholarship Dormitory (Note 2) \$145.00 per quarter

(\$5.00 per quarter is to be added to
the University subsidy for this project.)

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Dormitory Room and Board and Apartment Rental Rates (continued)

University Housing Commission Project No. 3

The action of The Ohio State University Housing Commission, in establishing new room and board rates for Housing Commission Project No. 3 is hereby reported.

Morrill and Lincoln Towers \$293.00 per quarter

FURTHER, BE IT RESOLVED, that the resident of the Graduate Resident Halls and Married Student Housing be charged rental rates effective Autumn Quarter pursuant to the following schedule:

Graduate Residence Halls

Jones Tower (Furnished)

Single Rooms \$165.00 per quarter
Double Rooms \$145.00 per quarter

Neil Hall (Furnished)

Single Rooms (connecting bath) \$150.00 per quarter
Single Rooms \$135.00 per quarter
Double Rooms (each person) \$125.00 per quarter

Married Student Housing (All Facilities Unfurnished)

One-bedroom Apartments \$ 82.00 per month
Two-bedroom Apartments \$ 92.00 per month
Air-Conditioner (each) 4.00 per month

FURTHER, BE IT RESOLVED, that the following rental charges for residents in University Housing Commission Projects be reported:

University Housing Commission Project No. 1

Lane Manor Apartments

One-bedroom Unfurnished
Apartment \$ 79.50 per month
One-bedroom Furnished
Apartment \$ 99.50 per month

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Dormitory Room and Board and Apartment Rental Rates (continued)

University Housing Commission Project No. 2

Neilwood Gables Apartments

Studio Apartment Furnished	\$ 76.00 per month
Studio Apartment Furnished (corner apartment)	\$ 81.00 per month

Note 1. Exclusive of self-imposed dormitory student activity fee of \$3.00 per quarter.

Note 2. Exclusive of self-imposed dormitory student activity fee of \$5.00 per quarter.

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

C. Policy Governing Residency Status of Students

On November 11, 1965, the Board of Trustees adopted a revised policy governing the residency status of students enrolled at The Ohio State University to comply with the Board of Regents Rule No. 2 which defines the residency status of students enrolled on the Branch Campuses of state-assisted institutions. The problems in administering the rule during the past year make it apparent that some clarification and revision of the interpretative definition of domicile is needed.

Therefore, for the purpose of clarification and consistency, President Fawcett recommended that the revised statement of policy governing residency status for students at The Ohio State University, as developed in consultation with the Office of the Ohio Board of Regents and endorsed by the President's Cabinet, be approved and included with the minutes of this meeting as Appendix IX, page 637.

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

D. Revision of Rule 35.07 of Rules for the University Faculty

On May 9, 1967, the Faculty Council supported the proposal of the Council on Academic Affairs that Rule 35.07 of Rules for the University Faculty be amended to provide for the use of the grading mark of "S--Satisfactory" for those students who have completed satisfactorily the professional education course in student teaching.

President Fawcett recommended that the above action of the Faculty Council be approved.

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

June 8, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Proposal to Establish a Master of Arts Degree Program in Chinese Language and Literature

The Faculty Council on May 9, 1967, upon the recommendation of the Council on Academic Affairs, supported the proposal of the College of Arts and Sciences for the establishment of a Master of Arts degree in Chinese Language and Literature. This proposal to establish a graduate degree program at the master's level is in recognition of the University's expanding program in East Asian Languages and Literatures. Since Autumn Quarter 1962, Ohio State students have had the option of choosing Chinese Language and Literature as a major course of study leading toward the Bachelor of Arts degree.

For the past five years, the University has made significant strides in strengthening the faculty and library holdings in the East Asian Languages and Literatures program. The library holdings currently include 18,000 volumes of Chinese and Japanese, and there are presently six faculty members in this area of study. Students interested in East Asian art, history, geography, government and other social sciences desire to increase their proficiency in the East Asian languages in order that they might proceed with research in original Chinese sources. The proposed expansion to the Master of Arts level will make it possible for the Division of East Asian Languages and Literatures to serve these needs.

President Fawcett recommended that the above proposal to establish the Master of Arts in Chinese Language and Literature degree program be approved by the Board of Trustees, and pursuant to Section 3333.04 of Revised Code of Ohio that the proposal for the new degree program be forwarded to the Ohio Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Summer Quarter, 1967.

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

F. Naming of Building

Upon the proposal of Dean Harold A. Bolz, College of Engineering, on behalf of the Department of Electrical Engineering, and with the concurrence of the President's Cabinet, President Fawcett recommended that the Antenna Laboratory Building, 1320 Kinnear Road, be renamed the ElectroScience Laboratory. It is felt that the term "ElectroScience" more properly describes the work being carried on by the staff housed in this facility.

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

I. GENERAL RECOMMENDATIONS (continued)

G. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 13, 1967, 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 X, page 641.)

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

H. Creation of Wright State University

WHEREAS, legislation has now been approved by the 107th General Assembly to create Wright State University as an autonomous institution on July 1, 1967 or as soon thereafter as feasible; and

WHEREAS, a number of steps are necessary to insure that the changeover of this institution from a branch status to an independent university is accomplished effectively;

It was therefore recommended that the President of The Ohio State University be authorized to proceed to take such steps as are necessary to facilitate this changeover and that he report to the Board concerning any such steps which may require ratification by the Board of Trustees.

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

I. Establishment of the "Samuel and Esther Melton Chair of Jewish History and Studies"

At the July 8, 1965 meeting of the Board of Trustees the "Samuel and Esther Melton Professorship in Jewish History and Studies" was established through funds provided by Mr. Samuel M. Melton.

President Fawcett indicated his deep gratitude and pleasure as he recommended that the "Melton Professorship" be expanded to a "Chair," to be known as the "Samuel and Esther Melton Chair of Jewish History and Studies." This new "Chair" is established pursuant to the action of the Board of Trustees approved on January 14, 1965, and the generous commitment of Mr. Samuel M. Melton who has created through The Ohio State University Development Fund an endowment in the following manner for support of the above-identified Chair:

- a. The \$100,000.00 given to date for the Samuel and Esther Melton Professorship of Jewish History and Studies will be applied to this endowment;

I. GENERAL RECOMMENDATIONS (continued)

I. Establishment of the "Samuel and Esther Melton
Chair of Jewish History and Studies" (continued)

- b. An additional amount of at least \$250,000.00 in securities has been committed to the above endowment from Mr. Melton and the estate of the late Mrs. Melton (\$131,250.00 of the above amount has been received from Mr. Melton);
- c. The \$250,000.00 described in Item (b) above will be in the form of common stock of the Harsco Corporation which stock is to be held by the University until further notice from Mr. Melton and the interest and dividends from the capital appropriation of the foregoing investment shall be applied to the newly established endowment;
- d. Mr. Melton has in the form of a letter dated May 8, 1967 guaranteed to make further contributions as may be necessary (and include an appropriate provision in his will) so that during a period of not less than eight (8) years from this date the full sum of \$500,000.00 will be attained.

Until the endowment fund identified above attains the \$500,000.00 level no more than \$5,000.00 a year may be withdrawn, which \$5,000.00 shall be used to assist in the support of the Samuel and Esther Melton Professor of Jewish History and Studies.

This expanded program in Jewish History and Studies will be an integral part of a new series of offerings in International Studies now under development at The Ohio State University.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 11, 1967 meeting of the Board, as recorded in the official "1966-67 Salary Roll" of the University and the personnel changes including promotions in rank as shown in the official "1967-68 Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Leaves of Absence Without Salary and Emeritus Title:

June 8, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments

Jack Charles Geer, Professor and Chairman, Department of Pathology, effective July 1, 1967, at a salary of \$27,168.00 per annum.

Wallace Norup Jensen, Professor, Department of Medicine, effective August 1, 1967, at a salary of \$25,668.00 per annum.

Thomas Grant Skillman, Professor, Department of Medicine, effective June 15, 1967, at a salary of \$25,068.00 per annum.

B. Leaves of Absence Without Salary

Robert H. Bremner, Professor, Department of History, effective October 1, 1967 through September 30, 1968, to serve as a Research Associate at the Charles Warren Center for Studies in American History, Harvard University.

Johann B. Leicht, Associate Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to engage in research and instruction at the University of Heidelberg, Heidelberg, Germany.

William D. Ploughe, Associate Professor, Department of Physics, effective October 1, 1967 through September 30, 1968, to serve with the Division of Research of the Atomic Energy Commission.

William R. Riley, Associate Professor, Department of Physics, effective October 1, 1967 through September 30, 1968, to serve as a consultant under the AID - National Science Foundation program in India.

Sudarsham K. Sehgal, Associate Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to engage in research and instruction at the University of Alberta, Edmonton, Alberta, Canada.

George D. Boston, Assistant Professor, Department of Anatomy, effective October 1, 1967 through December 31, 1967, for personal reasons.

Harold David Brown, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, for postdoctoral study at the Courant Institute, New York University, New York, New York.

June 8, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Michael W. Curran, Assistant Professor, Department of History, effective October 1, 1967 through September 30, 1968, to serve as a Visiting Professor at the University of Wisconsin, Madison, Wisconsin.

Joseph Cooley Ferrar, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to engage in research and instruction at the University of Utrecht, Utrecht, Netherlands.

Thomas E. Maresca, Assistant Professor, Department of English, effective October 1, 1967 through September 30, 1968, to accept a Johns Hopkins Postdoctoral Fellowship, Johns Hopkins University, Baltimore, Maryland.

Mohammad Haseeb Rizvi, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to engage in research at Stanford University, Stanford, California.

Daniel J. Troy, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to teach at Purdue University.

Judith Diamondstone, Instructor, Department of History, effective October 1, 1967 through September 30, 1968, to complete work on her Ph. D. degree.

C. Emeritus Title

Harvey Walker, Department of Political Science, with the title Professor Emeritus, effective July 1, 1967.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Appointments, Leaves of Absence Without Salary, Emeritus Title, Promotions in Rank and the personnel budget actions as recorded in the official "1967-1968 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 8, 1967 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 September 5, 1950, 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. 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. #14 - College of Commerce and Administration, Continuing Education).
Gross Value - \$30,700.00.
- a2. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tissue Heparin Levels in Fetus and Newborn (to be known as National Institutes of Health Project No. 1592 - Ext. #4 - Department of Pathology).
Gross Value - \$31,676.00.
- a3. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Chemistry, Metabolism and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842 - Ext. #3 - Department of Psychiatry).
Gross Value - \$29,380.00.
- a4. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - Sup. #5 - Department of Pathology).
Gross Value - \$29,825.00.
- a5. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873 - Ext. #3 - Department of Microbiology).
Gross Value - \$23,934.00.
- a5. U. S. Department of Labor, Washington, D. C., Longitudinal Study of the Labor Force Behavior of a National Sample of "Older" Persons and of Younger Men (to be known as U. S. Department of Labor Project No. 2007 - Mod. #3 - Department of Economics).
Gross Value - \$2,837.00.

June 8, 1967 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. U. S. Atomic Energy Commission, Argonne, Illinois, Glaciological Investigations on the Casement Glacier, Alaska (to be known as U. S. Atomic Energy Commission Project No. 2017 - Mod. #2 - Institute of Polar Studies).
Gross Value - \$23,592.00.
- a8. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., Mechanism of Death in Acute Myocardial Infarction (to be known as Bureau of State Services Project No. 2018 - Ext. #2 - Department of Medicine).
Gross Value - \$43,708.00.
- a9. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060 - Ext. #2 - Department of Otolaryngology).
Gross Value - \$17,394.00.
- a10. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - Ext. #2 - Department of Medicine).
Gross Value - \$38,097.00.
- a11. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Tryptophan Metabolism in Neoplastic Disease (to be known as National Institutes of Health Project No. 2095 - Ext. #2 - Department of Medicine).
Gross Value - \$20,367.00.
- a12. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2165 - C. O. #3 - RF Internal Supervision).
Gross Value - \$8,600.00.
- a13. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Treated and Untreated Potential Delinquents (to be known as National Institutes of Health Project No. 2225 - Ext. #1 - Department of Sociology and Anthropology).
Gross Value - \$36,685.00.

June 8, 1967 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, Office of Education, Washington, D. C. , A Verbo-tonal System of Auditory Training in the Public Schools (to be known as Office of Education Project No. 2227 - Rev. #1 - Department of Speech).
Gross Value - \$46,213.00.
- a15. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251 - Ext. #1 - Department of Psychiatry).
Gross Value - \$36,412.00.
- a16. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , Utilization of Community Helpers for Meeting the Psychological and Educational Needs of Emotionally Handi-capped Children (to be known as Office of Education Project No. 2259 - Rev. #1 - Department of Psychology).
Gross Value - \$43,413.00.
- a17. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Structure and Function of Plant Organelles (to be known as National Institutes of Health Project No. 2373 - Ext. #1 - Department of Biology - Wright State Campus).
Gross Value - \$11,891.00.
- a18. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Systems Engineering Group, Research and Technology Division Project No. 2382 - New - Department of Electrical Engineering).
Gross Value - \$95,000.00.
- a19. Electronic Systems Division, Air Force Systems Command, Bedford, Massachusetts, Direct Scattering Investigation (to be known as Electronic Systems Division Project No. 2430 - New - Department of Electrical Engineering).
Gross Value - \$136,820.00.
- a20. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , A Survey of the Literature on the Education of American Indians (to be known as Office of Education Project No. 2431 - New - Department of Sociology and Anthropology).
Gross Value - \$36,000.00.

June 8, 1967 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., Research Initiation - Optimum Facility Design Problems (to be known as National Science Foundation Project No. 2435 - New - Department of Industrial Engineering).
Gross Value - \$10,000.00.
- a22. Department of Health, Education and Welfare, Social Security Administration, Baltimore, Maryland, A Plan for Survey of Research Needs in Disability (to be known as Social Security Administration Project No. 2436 - New - Department of Physical Medicine).
Gross Value - \$300,000.00.
- a23. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through the Plasma Sheath (to be known as Systems Engineering Group, Research and Technology Division Project No. 2438 - New - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- a24. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as National Institutes of Health Project No. 2439 - New - College of Pharmacy).
Gross Value - \$61,296.00.
- a25. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Microwave Radiometer Measurement Program (to be known as Systems Engineering Group, Research and Technology Division Project No. 2440 - New - Department of Electrical Engineering).
Gross Value - \$93,700.00.
- a26. National Science Foundation, Washington, D. C., Till Studies in the Wolfeboro-Winnepesaukee Area, New Hampshire (to be known as National Science Foundation Project No. 2441 - New - Department of Geology).
Gross Value - \$12,500.00.
- a27. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, High Enthalpy Flow Diagnostics (to be known as Systems Engineering Group, Research and Technology Division Project No. 2442 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$48,000.00.

June 8, 1967 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. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Research and Technology Division Project No. 2443 - New - RF Internal Supervision).
Gross Value - \$80,000.00.
- a29. National Science Foundation, Washington, D. C., Effectiveness of Persuasive Messages (to be known as National Science Foundation Project No. 2447 - New - Department of Psychology).
Gross Value - \$39,900.00.
- a30. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Effects of a Unified Science Curriculum in High School Graduates (to be known as Office of Education Project No. 2451 - New - School of Education).
Gross Value - \$8,791.00.
- a31. Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Development and Testing of Instructional Strategies in Perceptual Training to Increase an Individual's Ability to Handle Visual Information in Art (to be known as Office of Education Project No. 2453 - New - School of Art).
Gross Value - \$10,000.00.

TOTAL - Government Contracts - Federal \$1,466,731.00

2. Industrial and Other Contracts

- a1. The Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Caries (to be known as The Procter & Gamble Co. Project No. 2065 - Ext. #2 - College of Dentistry).
Gross Value - \$60,359.00.
- a2. The Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Caries (to be known as The Procter & Gamble Co. Project No. 2065 - Ltr. 5/2/67 - College of Dentistry).
Gross Value - \$5,000.00.
- a3. Licensed Beverage Industries, Inc., New York, New York, Effect of Chronic Alcohol Administration on Immunologic Responsiveness (to be known as Licensed Beverage Industries, Inc. Project No. 2260 - Ltr. 5/1/67 - Department of Medicine).
Gross Value - \$1,000.00.

June 8, 1967 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)

- a4. National Endowment for the Humanities, Washington, D. C. ,
The Brandeis Papers (to be known as National Endowment for
the Humanities Project No. 2408 - New - Department of History).
Gross Value - \$17,200.00.
- a5. The Petroleum Research Fund, Washington, D. C. , Aspects
of Ether Oxygen Neighboring Group Participation (to be known
as The Petroleum Research Fund Project No. 2444 - New -
Department of Chemistry).
Gross Value - \$24,160.00.

TOTAL - Industrial and Other Contracts \$107,719.00

The foregoing thirty-six contracts for research in cooperation with Govern-
ment, Industry and Other represent a gross income of \$1,574,450.00.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the research agreements
between The Ohio State University and The Ohio State University Research Founda-
tion 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 April 26, 1967 through May 24, 1967, the Engineer-
ing 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 - \$31,800.00.
- EES 301X A Study of the Factors Influencing Attraction and Retention
of Engineering Talent with the Ohio Department of Highways,
Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$25,000.00.

TOTAL - Government Research Contracts \$56,800.00

June 8, 1967 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 Contract

EES 231X	Basic Research on the Corrosion of Iron and Steel,
Ext. #4	American Iron and Steel Institute, New York, New York.
	Gross Value - \$20,000.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$76,800.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 11, 1967, 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. \$1,000,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for construction of a new classroom building, University College, Building No. 2, under Title I of the Higher Education Facilities Act of 1963, as amended. (Project No. Ohio 4-2363)
2. \$308,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for "Health Professions Educational Improvement Program," under the direction of the College of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T02 CH 1004-02)
3. \$303,875.00 granted by Department of Health, Education and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for "Health Professions Educational Improvement Program," under the direction of the College of Dentistry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T02 CH 1106-02)
4. \$102,247.00 granted by Department of Health, Education and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for "Health Professions Educational Improvement Program," under the direction of the School of Optometry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T02 CH 1165-02)
5. \$87,957.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Postdoctoral Trainees in Surgery," under the direction of the Department of Surgery, for the period May 1, 1967 through June 30, 1968. (Grant No. 5 T01 GM01539-02)

June 8, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

6. \$85,346.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program," under the direction of the School of Allied Medical Services, for the period April 15, 1967 through April 14, 1968. [Grant No. AHI-67-606(A)]
7. \$73,664.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Biomedical Sciences Support," under the direction of the Office for Research, for the period June 1, 1967 through May 31, 1968. (Grant No. 5 S05 FR 07074-02)
8. \$73,496.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training," under the direction of the Department of Pathology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T12 CA08110-02)
9. \$69,955.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology Fellowships," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 T01 NB05585-01)
10. \$38,426.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology Fellowships," under the direction of the Department of Ophthalmology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 NB05461-03)
11. \$22,720.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the program entitled "Geography and the Teaching of Geography." This grant agreement is made under Title V-C, Higher Education Act of 1965. (Grant No. OEG 3-6-600732-1450)
12. \$17,888.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Pathology," under the direction of the Department of Pathology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 GM01062-05)
13. \$15,833.00 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 April 1, 1967 through June 30, 1968. (Grant No. 3 T01 NB05529-01S1)

TOTAL - Through the Office of Business and Finance \$2,199,582.00

June 8, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$131,250.00 in securities (5,000 shares of Harsco Corporation common stock listed at mean market price as of May 25, 1967) from Samuel M. Melton for the establishment of an endowment fund to support the "Samuel and Esther Melton Chair of Jewish History and Studies."
2. \$8,700.00 from The Lubrizol Foundation, Cleveland, Ohio--\$3,600.00 for the Lubrizol Foundation Fellowship Fund for Chemistry, \$3,600.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
3. \$5,000.00 from Charles Pfizer & Company, Inc. for the Infectious Disease Research Fund in the College of Medicine.
4. \$5,000.00 from Mrs. Robin C. Burrell for the establishment of the Doctor Robin C. Burrell Memorial Fund.

Doctor Robin C. Burrell Memorial Fund

The Doctor Robin C. Burrell Memorial Fund was established April 10, 1967, by a gift of \$5,000.00 from Mrs. Robin C. Burrell (Esther M. Burrell), Columbus, Ohio, in memory of her husband, a former member of the University faculty in the Department of Agricultural Biochemistry.

The income only is to be used annually to defray the expenses of a qualified and interested graduate student studying in the field of biochemistry in attending meetings of the American Chemical Society. Selection of the students is to be made by the faculty member in charge of graduate students in this department or field of study.

5. \$4,790.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
6. \$4,040.50 from the Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
7. \$3,000.00 from International Minerals & Chemical Corporation for the International Minerals & Chemical Corporation Fund.
8. \$3,000.00 by a bequest from Kathryn S. Allensworth for the establishment of The Ohio State University School of Music Scholarship Fund.

The Ohio State University School of Music Scholarship Fund

The Ohio State University School of Music Scholarship Fund was established April 13, 1967, by a bequest of \$3,000.00 through the Development Fund by Kathryn S. Allensworth, in memory of Kathryn S. and H. R. Allensworth.

IV. GRANTS AND GIFTS (continued)

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

8. The Ohio State University School of Music Scholarship Fund (continued)

The income is to be used to assist students enrolled in the School of Music. Selection of the student or students to be assisted shall be made by the University Scholarship and Loan Committee, upon the recommendation of the Director of the School of Music. Should the School of Music, through a reorganization of the University, cease to exist, then the income is to be used for students whose major course of study is in the field of music.

9. \$2,520.10 from members of The Ohio State University College of Medicine Class of 1934 for the establishment of the Centennial Medical Class of 1934 Fund.

Centennial Medical Class of 1934 Fund

The Centennial Medical Class of 1934 Fund was established May 11, 1967, by gifts through The Ohio State University Development Fund from members of The Ohio State University College of Medicine Class of 1934.

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

The income is to be used to provide one or more scholarships for students in the College of Medicine working toward the Doctor of Medicine degree. Students are to be recommended by the College of Medicine and awards are to be made by the University Scholarship Committee.

Should the need for scholarships cease to exist or so diminish as to create unused income, then the appropriate administrative official in charge of medical education at The Ohio State University may, with the approval of living members of the Class Committee, use the income for research or student loans in the College.

10. \$2,000.00 from Arthur and Flora Gluck for the establishment of the Charlotte Susan Roth Memorial Fund.

Charlotte Susan Roth Memorial Fund

The Charlotte Susan Roth Memorial Fund was established April 28, 1967, by a gift of \$2,000.00 through the Development Fund from Arthur and Flora (Mrs. Arthur) Gluck, in memory of her sister, Charlotte S. Roth.

June 8, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

10. Charlotte Susan Roth Memorial Fund (continued)

The principal is to be invested in accordance with Section 3335.12 G. C. Each year the sum of \$50.00 from the income of the Fund is to be awarded to the winner of an undergraduate Essay Contest on a Jewish theme, to be judged by the Professor of Jewish History and Studies and any other members of the Department of History that he may select. The balance of the income is to accumulate for additional prizes should other meritorious essays on a Jewish subject be presented.

- 11. \$1,774.00 from friends and associates of the late Forrest G. Ketner, \$1,724.00 to be added to the Forrest G. Ketner Memorial Scholarship Fund (formerly called the Forrest G. Ketner Scholarship Fund) and \$50.00 designated for other purposes.
- 12. \$1,702.37 from Josephine S. Failer from Antique Show receipts-- \$1,000.00 for the WOSU-TV Continuing Education Fund and \$702.37 for the Presidents Club account undesignated.
- 13. \$1,600.00 from WBNS-TV, Inc., Columbus, Ohio for the WBNS Broadcast News Scholarship Fund.
- 14. \$1,500.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
- 15. \$1,000.00 from William H. Havener, M.D., for the Ophthalmology Teaching Fund.
- 16. \$1,000.00 from Henry G. Schmidt for the Ottawa Club Fund.

TOTAL - Received Through the Development Fund \$177,876.97

Upon motion of Mr. Hilliker, seconded by Mr. Shocknessy, the Board of Trustees by unanimous vote approved the acceptance of the above grants and gifts, 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 April, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	20,145	\$185,565.99
Individuals other than alumni	39	2,624.30
Nonprofit organizations	38	60,803.17
Business concerns	12	20,124.09
	<u>20,234</u>	<u>\$269,117.55</u>

June 8, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund (continued)

Of these gifts, 17,415 totaling \$128,267.23 were undesignated and 2,819 totaling \$140,850.32 were designated.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the Extra and Credit Orders to Contracts, as listed below, be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Newark Campus	\$37,683.16
2. Marion Campus	<u>28,968.00</u>
	<u>\$66,651.16</u>

B. Credit Orders to Contracts

1. Raney Commons	<u>\$ 1,207.06</u>
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Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation 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, 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. Ice Rink Improvements

This project increases the capacity of the locker rooms and provides a revision in access and egress space needed to accommodate larger numbers of people.

Funds will be provided from the Ice Rink Rotary and the work will be accomplished through Force Account during the summer months.

B. Military Science Building Renovation

This project will make necessary repairs and renovation to bring the building up to meet both required building standards and modern classroom and office standards.

June 8, 1967 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. Military Science Building Renovation (continued)

Funds will be provided from Investment Portfolio - Mershon Military earnings and the work will be accomplished through Force Account during the summer months.

Upon motion of Mr. France, 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 the improvements in accordance with all procedures previously established for Force Account projects.

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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. Laundry Building, Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(11 bids received 2-24-67)		
E. J. Will & Co. (Columbus)	\$ 149,760.00	\$ 160,650.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(4 bids received 3-17-67)		
Limbach Company (Columbus)		
Base Bid	\$ 153,000.00	\$ 156,000.00
Alt. H-1 Ironer Piping	3,000.00	3,000.00
Total	<u>\$ 156,000.00</u>	<u>\$ 159,000.00</u>
<u>Plumbing Contract</u>		
(4 bids received 3-17-67)		
Duckworth Plumbing Co., Inc. (Columbus)	\$ 145,990.00	\$ 150,000.00
<u>Electrical Contract</u>		
(4 bids received 2-24-67)		
Reco Electric Co. (Columbus)		
Base Bid	\$ 79,640.00	\$ 97,900.00
Alt. E-1 Connection of Laundry Equipment	4,950.00	\$ 9,500.00
Total	<u>\$ 84,590.00</u>	<u>\$ 107,400.00</u>
<u>Total All Contracts</u>	<u>\$ 536,340.00</u>	<u>\$ 577,050.00</u>

Funds for this project are provided from Budget Account 801059.

June 8, 1967 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Stadium Dormitory, Food Service Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (10 bids received 3-1-67) Cooper Construction Co. (Columbus)		
Base Bid	\$ 32,889.00	\$ 43,218.00
<u>Heating and Ventilating Contract</u> (3 bids received 4-21-67) Bruner Corporation (Columbus)		
Base Bid	\$ 10,780.00	\$ 11,000.00
<u>Plumbing Contract</u> (3 bids received 4-21-67) Bruner Corporation (Columbus)		
Base Bid	\$ 21,760.00	\$ 22,000.00
Alt. P-1 Copper Water Lines	200.00	3,000.00
Alt. P-2 Increase Exterior Sewer to 8"	1,985.00	2,000.00
Total	\$ 23,945.00	\$ 27,000.00
<u>Electrical Contract</u> (2 bids received 3-1-67) Reco Electric Co. (Columbus)		
Base Bid	\$ 13,740.00	\$ 16,750.00
<u>Kitchen Equipment Contract</u> (2 bids received 4-21-67) Louis R. Polster Co. (Columbus)		
Base Bid	\$ 51,500.00	\$ 54,771.00
<u>Total All Contracts</u>	<u>\$ 132,854.00</u>	<u>\$ 152,739.00</u>

Funds for this project are provided from Budget Account 801091.

C. Wright State Campus - Student Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-24-67) Rogers Construction Co. (Springfield, Ohio)		
Base Bid	\$ 434,000.00	\$ 453,000.00
Alt. G-1 Folding Sound Retardant Doors	2,800.00	4,000.00
Alt. G-3 Wood Folding Doors	1,500.00	2,000.00
Total	\$ 438,300.00	\$ 459,000.00

June 8, 1967 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Wright State Campus - Student Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (5 bids received 5-24-67) Starco, Inc. (Dayton, Ohio)		
Base Bid	\$ 107,000.00	\$ 110,000.00
<u>Mechanical Contract</u> (8 bids received 3-1-67) Perry Heating Co. (Dayton)		
Base Bid	\$ 144,887.00	\$ 147,030.00
<u>Electric Contract</u> (3 bids received 5-24-67) Bohn & Snead (Dayton)		
Base Bid	\$ 99,023.00	\$ 107,500.00
Alt. E-3 Sound System	3,196.00	3,500.00
Total	<u>\$ 102,219.00</u>	<u>\$ 111,000.00</u>
<u>Elevator Contract</u> (4 bids received 3-1-67) Plunger Lift Elevators (Columbus)		
Base Bid	\$ 9,208.00	\$ 10,000.00
<u>Kitchen Equipment Contract</u> (3 bids received 5-24-67) B & W Metals Co. (Fairfield)		
Base Bid	\$ 71,106.00	\$ 72,500.00
<u>Total All Contracts</u>	<u>\$ 872,720.00</u>	<u>\$ 909,530.00</u>

Funds for this project are provided from Budget Account 801105.

D. Jones Graduate Tower

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 3-16-67) Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$2,058,200.00	\$2,275,775.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (3 bids received 5-17-67) Limbach Co. (Columbus)		
Base Bid	\$ 565,000.00	\$ 581,066.00

June 8, 1967 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Jones Graduate Tower (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received 3-16-67) Sauer, Inc. (Lancaster)		
Base Bid	\$ 477,730.00	\$ 493,500.00
<u>Electrical Contract</u> (4 bids received 3-16-67) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 374,504.00	\$ 393,350.00
<u>Total All Contracts</u>	<u>\$3,475,434.00</u>	<u>\$3,743,691.00</u>

Funds for this project are provided from Budget Account 801037.

Upon motion of Mr. France, 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 APPROVAL

Each numbered approval shown below accomplishes the following purpose:

- 23 Approves the award without further competitive bidding of a contract for a Hyperbaric Chamber in the amount of \$165,589.00 and a Closed Circuit TV System in the amount of \$12,173.00 to be used in Wiseman Hall Addition.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement for Roadway, Lima Campus - Allen County

Allen County, State of Ohio, has requested permission to construct an acceleration lane, a deceleration lane, a widening of three feet on each side of existing Mumaugh Road and improving Mumaugh Road to eliminate hazardous road conditions on the lands that have been designated for the use of the Lima Campus of The Ohio State University. This proposed road improvement is designed to better the traffic flow to and from the Lima Campus.

President Fawcett recommended that the granting of a reasonable highway easement to Allen County be approved. It was further recommended that the President and/or Vice President for Business and Finance be

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

A. Easement for Roadway, Lima Campus - Allen County (continued)

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 Mumaugh Road.

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

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X. REPORTS

A. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$700,000 Parking System Revenue Notes

Mr. France, a member of the Finance and Investment Committee, presented the following resolution:

RESOLUTION PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$700,000 PARKING SYSTEM REVENUE NOTES FOR THE PURPOSE OF PAYING 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.

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, book stores, 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,

X. REPORTS (continued)

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

1. Resolution Providing for the Issuance of Not Exceeding \$700,000 Parking System Revenue Notes (continued)

dining halls, book stores, 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 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 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 necessary to construct and equip 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, (herein collectively called the "Project") the total cost of such Project being presently estimated to be \$4,500,000; and

WHEREAS, the University has determined to borrow 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 Ohio Revised Code and pursuant to a resolution of the Board duly adopted September 8, 1966 authorizing said Bonds (which resolution, as the same may be amended, supplemented or superseded, is herein called the "Bond Resolution"), the balance of such costs to be paid from funds of the University available for such purposes; and

WHEREAS, the University has and does hereby determine and confirm that it is necessary to issue notes to provide interim construction financing to pay part of the costs of the Project prior to the issuance and delivery of the Series A Bonds, and for such purpose to issue notes in the principal amount of \$700,000; and

June 8, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Resolution Providing for the Issuance of Not Exceeding \$700,000 Parking System Revenue Notes (continued)

WHEREAS, _____ of _____ (herein called the "Original Purchaser") has submitted a proposal for the purchase of said notes at _____ per cent of par and at an interest rate of _____ % per annum;

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

Section 1. It is hereby declared necessary to construct and equip the Project, and to issue notes in the principal sum of \$700,000 pursuant to Section 3345.11 of the Revised Code of Ohio for the purpose of paying part of the costs of the Project.

Section 2. The principal of and interest on said 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; and (b) the proceeds of the sale of parking system revenue bonds or notes of the University to be issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law; provided that neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the principal of or interest upon 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 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 thereof.

Section 3. Said notes shall be designated "Parking System Notes", shall be dated as of their date of issuance and shall mature one year from the date of issuance. Said notes shall bear interest at the rate of _____ % 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 or may be represented by a single note for the entire issue as may be requested by the Original Purchaser. 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 and be attested by the Secretary of the Board, and shall bear the seal of the University or facsimile

June 8, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Resolution Providing for the Issuance of Not Exceeding \$700,000 Parking System Revenue Notes (continued)

thereof. The definitive notes shall be substantially in the form attached hereto as Exhibit A, page 634, the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes in coupon form 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.

Section 4. Said notes are hereby awarded to _____ and in accordance with their aforesaid proposal and this resolution, and 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 to deposit the proceeds of the notes in the Construction Fund to be established under the provisions of the Bond Resolution and to apply and invest the moneys therein as provided in the Bond Resolution.

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

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated May 31, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

June 8, 1967 meeting, Board of Trustees

EXHIBIT A

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE

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 _____ or order, the principal sum of

DOLLARS

one year from date hereof, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, with interest thereon from the date hereof at the rate of _____ per cent (_____ %) per annum, payable _____. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of _____ of _____ upon presentation and surrender of this note. The principal and interest 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; and (b) the proceeds of the sale of parking system revenue bonds or notes issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law; 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. 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 issued for the purpose of paying 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 8th day of June, 1967.

June 8, 1967 meeting, Board of Trustees

The Ohio State University Parking System Revenue Note

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 parking system revenue bonds or notes for the refunding of this note, pursuant to Section 3345.11 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 _____ day of _____, 1967.

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

(SEAL)

Attest: _____
Secretary of the Board of Trustees

June 8, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Committee Appointments for 1967-1968

Mr. Bricker, at the request of the Chairman of the Board of Trustees, Mr. Allyn, 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
John W. Bricker
Don M. Hilliker

Development Fund Board of Directors (One-year term)

Bertram D. Thomas
Don M. Hilliker

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, July 13, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

APPENDIX IX

STATEMENT OF POLICY GOVERNING RESIDENCY STATUS
AT THE OHIO STATE UNIVERSITY

Adopted by Board of Trustees June 8, 1967
(See page 608)

STATEMENT OF POLICY GOVERNING RESIDENCY STATUS
AT THE OHIO STATE UNIVERSITY

1. General Policy as to Non-Resident Fees

Every student who is not a resident of the State of Ohio, as defined below, is required to pay non-resident tuition fees in addition to other University fees.

- a. The status of a student as a resident or non-resident of the State of Ohio for fee purposes will be determined as of his original enrollment. In general, that status will remain the same throughout his continued attendance at the University, although such status may be reviewed upon petition. In cases where there has been a break in the student's attendance at the University, the beginning of the last enrollment may be considered by the Registrar as the student's "original enrollment" for the purpose of residence determination.
- b. A person shall be eligible to register as a resident for fee purposes only if he, in the case of an adult student, or the parents or guardian, in the case of a minor student, has established bona fide residence (domicile) in the State of Ohio for twelve consecutive months preceding the first day of classes of the quarter for which registration is made.
- c. Further information or clarification may be obtained by contacting the Office of the Registrar, Room 203, Administration Building, 190 North Oval Drive, Columbus, Ohio 43210.

2. Registration

The burden of registering under the proper residence is placed upon the student. If there is any question as to residence, the matter should be brought to the attention of the Registrar and passed upon prior to original enrollment.

3. Definitions

This policy is interpreted as follows:

- a. An adult student is a person 21 years of age or older.
- b. A person is considered to be a minor until he has reached his twenty-first birthday. Married minors, however, and veterans are entitled to establish and maintain their own residency pursuant to Paragraph 1b.
- c. The residency of a married woman is determined by the rules which would apply to her husband if he would seek enrollment; except that a woman who would have been classified as an Ohio resident for fee purposes immediately prior to her marriage to a non-resident may continue to be classified an Ohio resident providing she continues to live in Ohio.

Statement of Policy Governing Residency Status at The Ohio State University

- d. A woman who is legally separated from her husband may establish her own residency pursuant to Paragraph 1b.
- e. Federal Government service personnel who entered the service from Ohio and their dependents shall be considered residents for fee purposes if they provide proof of continued Ohio domicile such as evidence that (1) they have not acquired a domicile in another state and (2) they have maintained a continuous voting record in Ohio.
- f. Personnel in the military service who enter the service from another state and their dependent children shall be classified as Ohio residents during the period of their active duty assignment and domicile in Ohio. If a person in the service changes his or her residence legally and officially to Ohio, he and his dependents shall be classified as residents.
- g. Aliens admitted to this country on immigrant visas or acquired immigrant visas may establish Ohio residence in the same manner as any other non-resident. All aliens on student visas will be classified as foreign students, and as such, non-residents.
- h. A student registering as a resident for fee purposes, from an established domicile in the state, shall continue to be classified as a resident for as long as he is continuously enrolled as a student at The Ohio State University.
- i. An emancipated minor who is completely self-supporting may be considered a resident for fee purposes. He must present satisfactory proof that his parents, if living, neither contribute to his welfare nor claim him as a dependent for Federal Income Tax purposes. The fact that a minor files his own federal or city income tax return is not sufficient evidence alone to substantiate emancipation.
- j. Teachers in Ohio schools and colleges who enroll at The Ohio State University are classified as resident students when they have signed a contract for the second year.
- k. The residency of any student may be re-evaluated at each term of re-enrollment, provided he has met all requirements for Ohio residency as stated in these rules. Changes of classification from non-resident to resident will not be made retroactive prior to the quarter or term in which application for resident classification is made.
- l. The residence of any person, other than the parent or legal guardian, who may furnish funds for payment of University fees, shall in no way affect the residence of the student.
- m. Proof of ownership of property in Ohio, payment of local and state taxes, Ohio automobile registration or driver's license or the fact that a person is a legal voter in Ohio, do not, in

Statement of Policy Governing Residency Status at The Ohio State University

themselves, constitute valid evidence of resident status for fee purposes. Residency for fee payment purposes is dependent upon the domicile of the student concerned.

- n. An out-of-state student enrolled for a full program is considered to be in the State for the purpose of attending school, and is presumed not to be here as a permanent resident. Continued presence in Ohio during vacation periods does not of itself overcome the presumption.
- o. Any non-resident student who reaches the age of 21 years, or is married while a student at any university or college in the State of Ohio does not by virtue of such act attain residence for fee payment purpose.

APPENDIX X

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 13, 1967

Page 642 Blank

The Recipients of Honors

CHARLES GOODE GOMILLION

DOCTOR OF LAWS

Architect of the transition from past to present, master of the art of human relations, and eminent social scientist

Charles Goode Gomillion was born on a farm in Edgefield County, South Carolina, attended rural schools in his neighborhood, and later taught in those schools before going on to Paine College in Augusta, Georgia, from which he received the A.B. degree in 1928. That same year he joined the faculty of Tuskegee Institute as an instructor in history. In 1959, he received the Doctor of Philosophy degree from The Ohio State University, and an honorary Doctor of Laws degree was conferred upon him by Howard University in 1965.

He has remained at Tuskegee Institute his entire professional career and, as an inspiring teacher and effective administrator, has helped make Tuskegee an institution of distinction. By precept and example, he has been training a group of young teachers and leaders of such competence, insight, and skill that their work commands respect throughout the world.

It is in the field of civil rights, however, that Dr. Gomillion has made his most significant contributions and won national recognition. He relies heavily upon law and due process, condemns violence and fanfare, and maintains that the ballot is the most powerful instrument for the achievement of a democratic society. Through his quiet but effective leadership, the right to vote and the full privilege of citizenship for Negroes were achieved in his community sooner than in any other region of the Deep South. As a member of the Macon County Board of Education, he has been more responsible than any other individual for the workable integration of the public schools, despite what appeared to be insurmountable obstacles. He has been able to persuade people to put aside their illusions, fears, and prejudices and to seek large and mutually beneficial objectives. His calm appeal to reason has educated a generation of both races in the duties of responsible citizenship.

It has frequently been necessary for Dr. Gomillion to resort to court action. Because of the rightness of his position and the expert preparation of his cases, he has never lost a legal battle. One of his major victories came in 1960, when the United States Supreme Court rendered a unanimous decision in his favor in the historic case of *Gomillion versus Lightfoot*.

LOREN FRANKLIN STEINER

DOCTOR OF SCIENCE

Entomologist and scientist, whose imaginative research has added new dimensions to biological thought and created new techniques for the successful control of insect pests

Loren Franklin Steiner is an internationally recognized entomologist whose basic biological studies have led to new techniques in the control of insects. As a member of the Entomology Research Branch of the U.S. Department of Agriculture, he has devoted his professional life to the control or eradication of harmful insect species.

Among his accomplishments are the publication of numerous scientific and technical articles in professional journals, the development of the male annihilation technique for the control of fruit flies, and the application of his protein hydrolysate bait to the eradication of the Mediterranean fruit fly from Florida. Eradication of the Mediterranean fruit fly has saved millions of dollars annually for the citrus industry of Florida. More importantly, it has also made it unnecessary to use conventional methods of chemical control that could add to the contamination of the ecosystem.

Essential to the control of insects by use of attractants in combination with minimum amounts of toxic chemicals is a fundamental understanding of insect behavior. By demonstrating the importance of such basic knowledge to insect control, Mr. Steiner has made a major contribution to mankind.

On five separate occasions, Mr. Steiner has been recognized by the U.S. Department of Agriculture for his distinguished service as a biologist, economic entomologist, and research director. In 1960, he received the First Annual Honor Award of the Florida Entomological Society. In recognition of his outstanding work in economic entomology, the Entomological Society of America in 1966 selected Mr. Steiner as the recipient of the First Annual J. E. Bussart Memorial Award. To be chosen by the professional entomologists of America as the first recipient of such an award is to be recognized as the outstanding economic entomologist in the country.

A native of Bluffton, Ohio, Mr. Steiner attended The Ohio State University and received the B.Sc. degree in 1926 and the M.Sc. degree in 1927. Upon graduation, he joined the Agricultural Experiment Station at Purdue University. In 1930, he joined the U.S. Department of Agriculture and has been serving as an entomologist in that organization in various capacities up to the present.

Recognized widely for the practical results of his research, Mr. Steiner is also honored today by The Ohio State University for his basic contributions to knowledge and to the science of entomology.

ALAN B. LOOP

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Prominent attorney, loyal alumnus, able and respected trustee of The Ohio State University

Alan B. Loop is a man of dedication—to his home and family, his profession, his alma mater, and to education generally. The Ohio State University, from which he was graduated, has benefited immeasurably from his leadership and his loyalty.

In his seven-year term as a trustee, Mr. Loop brought to bear upon the complex problems facing the University the precision of a keen legal mind and the sensitive understanding of one who is committed to the promise of higher education. As chairman of the Board of Trustees, he guided University policy with courage and wisdom during a year which began in stress and ended in accord and progress.

In 1932, Mr. Loop received the Bachelor of Arts degree, after an undergraduate career which identified in unmistakable terms the leadership qualities which have marked his adult life. He served as president of his fraternity, and in 1928, he was captain of the first Ohio State golf team to win the Western Conference championship. Mr. Loop continued his education at Ohio State and received the Bachelor of Laws degree in 1933. He has also studied corporation law and corporate finance at the University of Michigan and the University of Wisconsin.

In addition to his contributions as a member of Ohio State's governing board, Mr. Loop has served fifteen years on other educational bodies. A senior member of the Toledo law firm of Shumaker, Loop and Kendrick, he was elected a fellow of the American Bar Foundation in 1965.

CHARLES A. SMITH

BENJAMIN G. LAMME AWARD

Prominent industrial leader and creative engineer

Charles A. Smith is acknowledged as the key man in the development of aluminous raw materials and in the creation of a major industry based on those resources. Among his more significant contributions have been improvements in high alumina and insulating refractories and the engineering of modern production methods.

Most of Mr. Smith's professional career was spent at Mexico, Missouri, primarily in association with the Mexico Refractories Company which he joined in 1930 as chief engineer. He advanced through a series of administrative positions, ultimately becoming executive vice president and director, and guided the company from a small operation to one of the most important producers of refractory materials in the United States. In 1959, he joined Kaiser Aluminum and Chemical Corporation as vice president and until his retirement in 1966 devoted his time to that company and its recently organized refractories subsidiary.

Mr. Smith received the Bachelor of Ceramic Engineering degree from The Ohio State University in 1923 and did postgraduate work in metallurgy at Lehigh University. During his undergraduate years, his leadership abilities were whetted on extra-curricular activities in the College of Engineering where he was a member of Engineers' Council, Tau Beta Pi, Pi Mu Epsilon, and Phi Lambda Upsilon. Continuing the pattern of leadership, Charles A. Smith rose steadily from his first position as an engineer just out of school to become vice president of one of America's industrial giants.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Abdulmuniem Husein Abdallah.....Ramallah, Jordan
B.S. (American University of Cairo); B.S. Pharm. (University of Kentucky); M.Sc.
Dissertation: Comparative Effects of the Repeated Dosages of Ephedrine Isomers on the Isolated Rabbit Heart
Field of Specialization: Pharmacy
- John Robert Alberti.....Toledo
B.S. (Findlay College); M.A.
Dissertation: A Study of Attitude Change in Students during the Interval of a Course in Education
Field of Specialization: Education
- †John Ellis Allen.....Lewisburg
B.S. in Ed. (University of Cincinnati); M.Ed. (Miami University)
Dissertation: The Adoption of Innovations and the Personality of the Superintendent of Schools
Field of Specialization: Education
- Samuel Floyd Angus.....Oxford
B.Sc. in Edu.; A.M. (University of Michigan); M.A.
Dissertation: Assessing Vocational Guidance Approaches
Field of Specialization: Education
- David Lee Beckman.....Kettering
B.Sc., M.Sc.
Dissertation: Surfactant, Pressure-Volume Curves, and Components of Lung Compliance in Rats: Effects of Exposure to One Atmosphere of Oxygen
Field of Specialization: Physiology
- Elliott Lawrence Blinn.....Pittsburgh, Pa.
B.S. (University of Pittsburgh); M.Sc.
Dissertation: Mechanism of Reactions of Nickel (II) Complexes of Mercaptoamines with Alkyl Halide
Field of Specialization: Chemistry
- Robert Burke Breitenbach.....Cincinnati
B.B.A. (University of Cincinnati); M.B.A.
Dissertation: The Organization Structure of a Movement-Storage Subsystem
Field of Specialization: Business Organization
- Gerald Crawford Brown.....Geneseo, Ill.
B.A., M.S. (University of Illinois)
Dissertation: Discounted Cash Flow Method: Circumstantial Behavior in Capital Budgeting Applications
Field of Specialization: Accounting

† Degree granted in cooperation with Miami University

- Frederick Stewart Buchanan.....Salt Lake City, Utah
 B.A., M.S. (University of Utah)
Dissertation: The Old Paths: A Study of the Amish Response to Public
 Schooling in Ohio
Field of Specialization: Education
- Penelope Campbell.....Baltimore, Md.
 B.A. (Baylor University); M.A.
Dissertation: Maryland in Africa: The Maryland State Colonization
 Society, 1831-1857
Field of Specialization: History
- George Richard Carnahan.....Murry Hill, N.J.
 B.S. (Juniata College, Pennsylvania); M.B.A. (Miami University)
Dissertation: Organizational Stability in Manufacturing Concerns in
 the United States
Field of Specialization: Business Organization
- Esther Laden Cava.....Detroit, Mich.
 A.B. (University of Michigan); M.A. (Boston University)
Dissertation: Differences between Interactions of Mothers with Their
 More Troublesome Children and Their Less Troublesome Children
Field of Specialization: Psychology
- Leonard Vincent Costantini.....Hopedale
 B.A. (University of Notre Dame); M.A.
Dissertation: The Emerging Role of an Educational Personnel Place-
 ment Office
Field of Specialization: Education
- Dixie Ruth Bullard Crase.....Memphis, Tenn.
 B.S. (Eastern New Mexico University); M.S. (Kansas State Univer-
 sity)
Dissertation: The Pre-Teen Child's Perception of Mothers' and
 Maternal Grandmothers' Responses to Children's Misbehavior and
 Children's Expressed Needs
Field of Specialization: Home Economics
- Howard Roger Creamer.....Springfield
 B.Sc.
Dissertation: Variation in *Bacterionema matruchotii*
Field of Specialization: Botany and Plant Pathology
- Carroll Nichols Day.....Fairborn
 B.S.E.E., M.S. (University of North Dakota)
Dissertation: An Approach to Systems with a Gaussian Parametric
 Coefficient
Field of Specialization: Electrical Engineering
- Felix Anthony DeJovine.....East Cleveland
 A.B., M.A. (Western Reserve University)
Dissertation: The Literature of the Youthful Hero in American Fiction
 as the Basis for a Study Unit in the Secondary School
Field of Specialization: Education
- Ronald Alvin DeVore.....Lansing, Mich.
 B.S. (Eastern Michigan University)
Dissertation: A Theory of One-sided Approximation in $L_1 [a,b]$
Field of Specialization: Mathematics

- Walter Earl Ditmars, Jr.....Columbus
 S.B. (Harvard University); M.S. (University of Connecticut)
Dissertation: A Comparative Study of Pheophytin *a* and of Pheophytin
b Monolayers
Field of Specialization: Chemistry
- James Thomas Doyle.....Scranton, Pa.
 B.Sc. in Edu., M.A.
Dissertation: James Edwin Campbell: Conservative Democratic Con-
 gressman, Governor and Statesman
Field of Specialization: History
- Ali Zaki Elgabri.....Shebin Elkom, Egypt
 B.A., M.A. (University of California at Los Angeles)
Dissertation: Selected Approaches to the Use of Mass Media in De-
 veloping Countries
Field of Specialization: Speech
- Ludwig Ivan Epstein.....Marietta
 B.S. in Sci., M.S. in Physics (California Institute of Technology)
Dissertation: Anharmonic Force Constants of Linear X-Y-Y-X Mole-
 cules Based on Valence-Coordinate Formulation
Field of Specialization: Physics
- Russell Irwin Everett.....Hattiesburg, Miss.
 B.S. in Edu. (State Teachers College, Slippery Rock, Pennsylvania);
 M.A. (Louisiana State University)
Dissertation: Speech Education: Ohio College Programs and Certifica-
 tion
Field of Specialization: Education
- James Terrence Flynn.....Buffalo, N. Y.
 B.S. in Elec.Engr. (University of Notre Dame); M.Sc.
Dissertation: Microwave Diagnosis of Inhomogeneous Plasma Boundary
 Layers
Field of Specialization: Electrical Engineering
- Clara May Frederick.....Urbana
 B.A. (Defiance College); M.Sc.
Dissertation: A Natural History Study of the Vascular Flora of Cedar
 Bog, Champaign County, Ohio
Field of Specialization: Botany and Plant Pathology
- Garl Edward Garber.....Huntington, Ind.
 B.S. (Manchester College); A.M. (University of Michigan)
Dissertation: An Analysis of English Morphological Abilities of Deaf
 and Hearing Children
Field of Specialization: Speech
- Robert Arthur Griffin.....Rushsylvania
 B.A. (Geneva College); M.A.
Dissertation: High Baroque Culture and Theatre in Vienna
Field of Specialization: Education

- James Lee Griggs, Jr.....Columbus
 B.S. (Case Institute of Technology) ; M.Sc.
Dissertation: Infrared Spectra of $^{15}\text{N}_2$, ^{18}O and $^{15}\text{N}^{18}\text{O}$
Field of Specialization: Physics
- Ronald Lincoln Gussett.....Lancaster
 B.S.C., M.A. (Ohio University)
Dissertation: A Study of Academic Achievement of Students in the College of Education Using the Opinion, Attitude, and Interest Survey as a Predictive Device
Field of Specialization: Education
- James Byron Hamilton.....Cloudcroft, N. Mex.
 B.S. in Agr., M.A. (New Mexico State University)
Dissertation: Youth with Special Needs in Non-Metropolitan Ohio High Schools
Field of Specialization: Agricultural Education
- Lewis Robert Hamilton.....Wilmington
 B.Sc.
Dissertation: Photochemical Transformation of Arylaroylaziridines
Field of Specialization: Chemistry
- James Towers Hanlon.....Ft. Thomas, Ky.
 B.E.E., M.Sc.
Dissertation: Noise Induced Gain Saturation in the Ultrasonic Traveling Wave Amplifier
Field of Specialization: Electrical Engineering
- George Montgomery Haselton.....Marietta
 A.B. (Colby College) ; A.M. (Boston University)
Dissertation: Glacial Geology of Muir Inlet, Southeastern Alaska
Field of Specialization: Geology
- Mahmoud Salih Hassan.....Khartoum, Sudan
 B.Sc. (Agr.) (University of Khartoum) ; M.Sc.
Dissertation: Influence of Age of Transplants on Vegetative, Floral, and Fruit Development in the Tomato, *Lycopersicon esculentum* (Mill.)
Field of Specialization: Agricultural Economics and Rural Sociology
- Murray Hector Hawkins.....Toronto, Ont., Canada
 B.S.A. (Ontario Agricultural College) ; M.Sc. (University of Alberta)
Dissertation: An Analysis of Structure and Conduct in the Wholesale Meat Industry in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- James Baker Heck.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: An Analysis of Change in Public Education
Field of Specialization: Education

- George Richard Horton.....Bowling Green
 B.S.Ed. (Ohio University); M.A.
Dissertation: History of the Ohio Industrial Arts Association: An
 Analysis of Leadership Elements and Functions
Field of Specialization: Education
- Richard Hayden Howard.....Billings, Mont.
 B.A. (Montana State University); M.B.A.
Dissertation: Return on Investment and *ex ante* Surplus Return in the
 Firm's Investment Decision-Making under Conditions of Oligopoly
Field of Specialization: Business Organization
- Adriaan Janssens.....Columbus
 B.S. (Kent State University); M.Sc.
Dissertation: Analysis of the Paleozoic Movements of the Cincinnati
 Arch
Field of Specialization: Geology
- Lonnie Lee Jones.....Avery, Tex.
 B.S. (Stephen F. Austin State College); M.S. (Louisiana State Uni-
 versity)
Dissertation: Short-term Forecasting Models for Average Monthly
 Prices of Wholesale Beef
Field of Specialization: Agricultural Economics and Rural Sociology
- James Clarence Kennedy, Jr.....Worthington
 B.S. in Aero. Engr. (Purdue University); M.Sc.
Dissertation: Gravity Gradient Effects on Some of the Basic Stability
 Requirements for an Orbiting Satellite Having Long Flexible Antennae
Field of Specialization: Engineering Mechanics
- Chung Kyu Kim.....Seoul, Korea
 B.S.E.E. (Ohio University); M.Sc.
Dissertation: Investigation of Intervalley Scattering Effect in the
 Elastococonductance of N-Type Silicon and Germanium
Field of Specialization: Electrical Engineering
- Stephen Robert Kimbleton.....Cincinnati
 B.S. (University of Cincinnati); M.Sc.
Dissertation: Stable Limit Theorems for Markov Chains
Field of Specialization: Mathematics
- Eugene Martin Klimko.....Campbell
 B.Sc., M.Sc.
Dissertation: Contributions to the Theory of Infinite Invariant Measures
Field of Specialization: Mathematics
- Edith Gardner Leighty.....Proctorville
 B.S. (Marshall University); M.Sc.
Dissertation: Studies on the Activation of Myocardial Lipase by Cate-
 cholamines
Field of Specialization: Physiological Chemistry

- Henry Lenz.....Columbus
 B.Sc. in Edu.; M.A. (University of Colorado)
Dissertation: The German Cultural Influence in Hungary before the Eighteenth Century
Field of Specialization: Education
- John Andrew Little.....Woodville
 B.Sc.
Dissertation: Phenomenological Electrodynamics in an Accelerated System of Reference
Field of Specialization: Physics
- Henry Mark Lovern.....Hapeville, Ga.
 B.C.S. (University of Georgia); M.S. (University of Tennessee)
Dissertation: Factors Affecting the Employment of Beginning Office Workers in Atlanta, Georgia
Field of Specialization: Education
- Yu-Mei Yu Lu.....Taipei, Taiwan, China
 B.S. (Yenching University); M.Sc.
Dissertation: An Expository Presentation of Finite Geometries as a Resource for Teachers
Field of Specialization: Education
- Christopher John Lucas.....East Aurora, N. Y.
 A.B. (Syracuse University); M.A. (Northwestern University)
Dissertation: American Conceptions of Academic Freedom in the Twentieth Century
Field of Specialization: Education
- Ronald Clement Machen.....Chicago, Ill.
 B.S. (University of Illinois); M.Sc.
Dissertation: Complexes of Calcium, Magnesium, and Strontium Ions with Tetrphosphate
Field of Specialization: Chemistry
- Kharak Singh Mann.....Amritsar, Punjab, India
 B.Sc. (College of Amritsar); M.Sc. in Agr. (Punjab University); M.Sc.
Dissertation: An Analysis of the Expected Shifts in Cropping Pattern of the Punjab (India) Resulting from the Introduction of Highyielding Varieties of Crops
Field of Specialization: Agricultural Economics and Rural Sociology
- Oliver Claude McGhee.....Kingswood, W. Va.
 B.S. Agr., M.S. (West Virginia University)
Dissertation: Professional and Technical Needs of Teachers of Vocational Agriculture in West Virginia
Field of Specialization: Agricultural Education
- Richard Fredrick Meckley.....Columbus
 B.S.Ed. (Ohio University); M.A.
Dissertation: The Relationship of Professional Personnel Adequacy to School District Size in Selected Ohio School Districts
Field of Specialization: Education
- Dean Charles Merchant.....Syracuse, N. Y.
 B.S. (C.E.) (University of Illinois); M.Sc.
Dissertation: Calibration of the Aerial Photographic System
Field of Specialization: Geodetic Science

- George Ellis Merva.....Cumberland
 B.Agr.E.
Dissertation: An Analytic Approach to Overland Flow as Influenced by Stochastic Surface Impressed Forces
Field of Specialization: Agricultural Engineering
- Arthur Joseph Metzger.....Columbus
 B.Cer.E.
Dissertation: A Fundamental Study of the Foaming Method of Levigating Ceramics
Field of Specialization: Ceramic Engineering
- Lysle Edward Meyer, Jr.....Cleveland
 A.B. (Western Reserve University); M.A.
Dissertation: Henry Shelton Sanford and the Congo
Field of Specialization: History
- Thomas Anthony Miller.....Cuyahoga Falls
 B.S. (Kent State University); M.Sc.
Dissertation: Some Relationships of Musca autumnalis DeGeer (Diptera: Muscidae) Feeding, Ovarian Development, and Incidence on Dairy Cattle
Field of Specialization: Zoology and Entomology
- Lisle Serles Mitchell.....Mansfield
 B.Sc. in Edu., M.A.
Dissertation: An Empirical Study of Urban Recreation Units: Playgrounds as Central Places
Field of Specialization: Geography
- Ragy Georgy El-Komos Mitias.....Cairo, Egypt
 B.Sc. (Teachers College, Cairo); M.A.
Dissertation: Patterns of Problem-solving Behavior among Prospective Science Teachers
Field of Specialization: Education
- Robert Clayton Moomaw.....Willard
 B.Sc. in Edu.; M.Edu. (Bowling Green State University)
Dissertation: Need-Press Differences among Community College Students
Field of Specialization: Education
- Charles Glenn Moseley.....Waco, Tex.
 B.S. (Baylor University)
Dissertation: Electrical Effects in Carbenic Decomposition of 2,2-Diaryl-1-Diazopropanes
Field of Specialization: Chemistry
- Lowell Edward Moser.....Seville
 B.Sc. in Agr.; M.S. (Kansas State University)
Dissertation: Rhizome and Tiller Development of Kentucky Bluegrass, Poa pratensis L., as Influenced by Photoperiod, Vernalization, Nitrogen Level, Growth Regulators, and Variety
Field of Specialization: Agronomy
- Tariq Mohammed Murad.....Baghdad, Iraq
 M.B.Ch.B. (University of Baghdad); M.Sc.
Dissertation: An Ultrastructural Study of Fibrocystic Disease and Fibroadenoma of the Breast
Field of Specialization: Pathology

- Kedar Narain Nag.....Udaipur, Rajasthan, India
 B.Sc.Ag.Engr., B.Sc.Agr. (University of Allahabad); M.Sc.
Dissertation: Aerial Environment Inputs to Plant Growth in Relation to Structural Requirement
Field of Specialization: Agricultural Engineering
- Monroe Merrill Newborn.....University Heights
 B.E.E. (Rensselaer Polytechnic Institute); M.Sc.
Dissertation: Maximal Memory Binary Input—Binary Output Sequential Machines
Field of Specialization: Electrical Engineering
- Virginia Norris.....Normal, Ill.
 B.S.H.E. (University of Illinois)
Dissertation: Educational Methods Used in Presenting Consumer Information to Homemakers Living in Low Income Urban Areas
Field of Specialization: Agricultural Education
- Festus Ifeanyichuku Onwubiko Nwoke.....Aguata, Awka, Nigeria
 B.Sc. (Hons.) (University of London); M.Sc.
Dissertation: The Relation of Functional Xylem to Absorption and Translocation of P³² in Zea mays, L.
Field of Specialization: Botany and Plant Pathology
- Ronald Francis O'Brien.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Effects of Frequency of Training on Cardiorespiratory Conditioning
Field of Specialization: Physical Education
- Robert Russell Ogilby.....Hudson
 B.Sc.
Dissertation: Rates of Formation and Stability of Crystalline Phases Formed during Devitrification in High-Temperature Refractory Calcines
Field of Specialization: Mineralogy
- Paul Darrell Ownby.....Rolla, Mo.
 B.S. in Cer.E. (University of Utah); M.S. (University of Missouri)
Dissertation: Surface Studies in the Vapor-Solid System Boron Trioxide-Tungsten
Field of Specialization: Ceramic Engineering
- Balbir Singh Paul.....Hoshiarpur, India
 B.V.Sc., M.V.Sc. (Punjab University)
Dissertation: A Study on the Pharmacodynamics of Dihydroquinidine in Canine
Field of Specialization: Veterinary Physiology and Pharmacology
- John William Peacock.....Prospect
 B.Sc. in Agr.
Dissertation: An Investigation of the Chemical Constituents of Honey Locust, Gleditsia triacanthos L., as Phagostimulants for Larvae of the Mimosa Webworm, Homadaula albizziae Clarke
Field of Specialization: Zoology and Entomology
- Michael Frank Pohlen.....St. Louis, Mo.
 B.S. (Saint Louis University); M.B.A. (Washington University)
Dissertation: A Factor Analytic Approach to Weapon System Analysis
Field of Specialization: Business Organization

- Michael Thomas Quinn.....Schenectady, N. Y.
 A.B., M.B.A. (Cornell University)
Dissertation: Some Effects of Geographic Price Policies on Selected Variables in the Steel and Belt Industries
Field of Specialization: Business Organization
- Glenda Lou Gates Riley.....Brooklyn
 A.B. (Western Reserve University); A.M. (Miami University)
Dissertation: From Chattel to Challenger: The Changing Image of the American Woman, 1828-1848
Field of Specialization: History
- Eleanor Harter Ruma.....San Diego, Calif.
 B.A. (San Fernando Valley State College); M.A.
Dissertation: Conscience Development in Delinquents and Non-Delinquents: The Relationship between Moral Judgment, Guilt, and Behavior
Field of Specialization: Psychology
- †Judith Ann Sturnick Sage.....Grand Forks, N. Dak.
 B.A. (University of North Dakota); A.M. (Miami University)
Dissertation: The Making of Meredith's *The Amazing Marriage*
Field of Specialization: English
- Byron Smith Schaffer, Jr.....Lake Forest, Ill.
 B.A. (Beloit College); M.A. (Northwestern University)
Dissertation: The Stage Management of Henry Irving in America 1883-1904
Field of Specialization: Speech
- Phillip Craig Schlechty.....Rossburg
 B.Sc. in Edu., M.A.
Dissertation: High School Social Studies in a Mass Society
Field of Specialization: Education
- John Kaul Simmons.....Barnard, Kans.
 B.S.B.A. (Kansas State University); M.B.A. (University of Denver)
Dissertation: Comparability in Financial Reporting: The Concept and Its Application to Financial Analysts
Field of Specialization: Accounting
- Philip Dodd Smith, Jr.....Twentynine Palms, Calif.
 B.A. (George Pepperdine College); M.A. (University of Nevada)
Dissertation: Teaching a Modern Foreign Language via Telephone
Field of Specialization: Education
- George Heft Snyder.....Granville
 B.Sc. in Agr., M.Sc.
Dissertation: Ionic Relationships in Clay-Water Systems: I. The Influence of the Suspension Effect on Plant Uptake; II. The Interrelationship of pH-dependent and Permanent Charge Cation Exchange Capacity on Ca and Rb Bonding by Clays, Activities in Clay Suspensions, and Uptake by Soybeans
Field of Specialization: Agronomy

† Degree granted in cooperation with Miami University

- Charles Sinclair Springer, Jr.....Fairborn
 B.Sc. (Saint Louis University) ; M.Sc.
Dissertation: The Volatile Rare Earth Chelates of 1,1,1,2,2,3,3,-Heptafluoro-7, 7-Dimethyl-4, 6-Octanedione
Field of Specialization: Chemistry
- Ronald Joseph Stupak.....Allentown, Pa.
 B.A. (Moravian College, Pennsylvania) ; M.A.
Dissertation: Dean Acheson: The Secretary of State as a Policy-Maker
Field of Specialization: Political Science
- Richard Albin Swanson.....Detroit, Mich.
 B.S., M.Ed. (Wayne State University)
Dissertation: American Protestantism and Play: 1865-1915
Field of Specialization: Physical Education
- William Clarence Taylor.....Clyde
 B.S. in C.E., M.S.C.E. (Case Institute of Technology)
Dissertation: Optimization of Traffic Flow Splits
Field of Specialization: Civil Engineering
- Paul Richard Thomas.....Millersport
 B.Sc. in Agr., M.Sc.
Dissertation: Comparisons between Buyer Estimates of Live Cattle Yield Grades and Actual Carcass Performance
Field of Specialization: Agricultural Economics and Rural Sociology
- Michael Thomas Turvey.....London, England
 M.A.
Dissertation: The Nature of Information Loss in the Visual Preperceptual System
Field of Specialization: Psychology
- Harold Ray Walker.....Louisville
 B.A. (Mount Union College) ; M.Ed. (Kent State University)
Dissertation: A Study of the Relationship of School District Size and Administrative Practices in School Plant Maintenance and Operation
Field of Specialization: Education
- Raymond William Westerhold.....White Hall, Ill.
 B.S. (Southern Illinois University) ; M.Sc.
Dissertation: An Optimal Grain Storage System for the State of Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Burton Whitaker.....Raleigh, N. C.
 B.S., M.S. (North Carolina State College)
Dissertation: Theoretical and Experimental Studies of Diffusion in Spherical Bodies with a Variable Diffusion Coefficient
Field of Specialization: Agricultural Engineering

Charles Hamilton White.....Kenton
B.Mus.Ed., M.Music Ed. (University of Michigan)
Dissertation: The Kentucky Council on Public Higher Education:
Analysis of a Change in Structure
Field of Specialization: Education

Robert Henry White.....Taos, N. Mex.
B.S. in Agr., M.A. (New Mexico State University)
Dissertation: The Education of Ornamental Horticulture Technicians
in Ohio
Field of Specialization: Agricultural Education

Masaya Yamamoto.....Anchorage, Alaska
B.A. (Kwansei Gakuin University); A.M. (Bucknell University)
Dissertation: Image-Makers of Japan: A Case Study in the Impact of
the American Protestant Foreign Missionary Movement, 1859-1905
Field of Specialization: History

Arlie Grant Young, Jr.....Rio Vista, Calif.
B.A. (University of Utah); M.A.
Dissertation: Resistance to Extinction as a Function of Partial Rein-
forcement and Bar Weighting: A Within-S Design
Field of Specialization: Psychology

(Ninety-seven candidates)

Certificate of Specialist in Educational Administration

James Spadafore.....Gahanna
B.A. in Ed. (Fairmont State College, West Virginia); M.A.
(One candidate)

Master of Accounting

Eugene Willis.....Ironton
B.B.A. (Marshall University)
Field of Specialization: Accounting
(One candidate)

Master of Architecture

Albert Ferdinand Sedeen.....St. Louisville
B.S. (University of Illinois)
Field of Specialization: Architecture
(One candidate)

Master of Arts

Don Jay Abbott.....Lakewood
B.S.Ed. (Kent State University)
Field of Specialization: Education

Charles Benson Adams.....Lakewood
B.A.
Field of Specialization: Journalism

Shirley Davidson Adams.....Columbus
A.B. (Drury College, Missouri)
Field of Specialization: Sociology

- William David Andrews.....Johnstown, Pa.
 B.A. (University of Pittsburgh)
Field of Specialization: English
- Anne-Marie Josephe Artis.....Columbus
Field of Specialization: Music
- Carol Garrison Axelton.....Columbus
 A.B. (University of California at Los Angeles)
Field of Specialization: Education
- Carolyn Sue Bailey.....Van Wert
 B.S.Edu. (Bucknell University)
Field of Specialization: English
- Roger Franklin Barriteau.....Dayton
 B.A.
Field of Specialization: Philosophy
- Fred Louis Beck.....Findlay
 B.A.
Field of Specialization: Slavic Languages
- Madeline Lois Benjamin.....Pittsburgh, Pa.
 B.A. (University of Pittsburgh)
Field of Specialization: English
- Thomas Matthew Bennett.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: History
- Zelda Ione Black.....Westerville
 B.S. in Nurs. (Vanderbilt University)
Field of Specialization: Physical Education (Health Education)
- Barbara Joan Blauman.....Cleveland
 B.M.E. (Baldwin-Wallace College)
Field of Specialization: Music
- Amy Jill Blue.....Columbus
 B.S. (University of Wisconsin)
Field of Specialization: Education
- Wilbert Willoughby Boden.....Reynoldsburg
 B.A. (Andover Newton Theological School)
Field of Specialization: Education
- Marjorie Mees Bott.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Robert Woodruff Bourquard.....Willoughby
 B.A. (Ohio Wesleyan University)
Field of Specialization: Speech
- Nancy Ellen Breen.....Forest Hills, N. Y.
 B.A. (Saint Johns University, New York)
Field of Specialization: English
- Linda Newhouse Brigner.....Worthington
 B.S. in Edu. (Capital University)
Field of Specialization: Education

- Shirley Ann Brown.....Prince Albert, Sask., Canada
 B.I.D. (University of Manitoba)
Field of Specialization: Art
- Richard Warren Buxbaum.....Jersey City, N. J.
 B.Sc. in Bus.Adm.
Field of Specialization: Geography
- Joyce Quinn Carraway.....Columbus
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Willa Maree Chambers.....West Jefferson
 B.A. (Otterbein College)
Field of Specialization: Physical Education
- Elwood Chaney.....Springfield
 B.S. in Edu. (Miami University)
Field of Specialization: Speech
- Robert Ward Conrad.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Randall Eugene Crites.....Stoutsville
 B.Sc. in Edu.
Field of Specialization: Physical Education
- David Alan Dalby.....Benton, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: Psychology
- Brenda Schilling Davidorf.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Terry Leroy Dickinson.....Toledo
 B.Sc.
Field of Specialization: Psychology
- Sharon Kae Downey.....Columbus
 B.Sc. in Edu., B.Mus.
Field of Specialization: Music
- Deborah Lorane Draper.....Columbus
 A.B. (Denison University)
Field of Specialization: Speech
- John David Edwards.....Columbus
 B.Sc.
Field of Specialization: Psychology
- Mary Elizabeth Ehrensberger.....Dayton
 B.Sc. in Edu.
Field of Specialization: Geography
- Sigrid Rubenkoenig Eigenberg.....Terrace Park
 A.B. (Denison University)
Field of Specialization: Speech
- Opal Bailey Ernst.....Columbus
 B.A. (Kentucky Wesleyan College)
Field of Specialization: Education

- Tamara Schlienger Evans.....Gambier
Field of Specialization: English
- Cinda Smith Field.....East Lansing, Mich.
 B.A. (Michigan State University)
Field of Specialization: Romance Languages
- James Everett Fine.....Dayton
 B.A. (Ohio Wesleyan University)
Field of Specialization: Physical Education
- Joy Ann Fischer.....Columbus
 B.A.
Field of Specialization: Journalism
- Francis Joseph Fishburne, Jr.....Sullivan's Island, S. C.
 B.S. (United States Military Academy)
Field of Specialization: Education
- Michael Abraham Flamer.....Woodland Hills, Calif.
 B.A. (San Fernando Valley State College)
Field of Specialization: Speech
- Mary Donaldson Flowers.....Coraopolis, Pa.
 B.A. (College of Wooster)
Field of Specialization: Romance Languages
- Lawrence Royden Ford.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Geography
- Friedrun Heilke Franzen.....Cleveland
 B.A. (Notre Dame College, Ohio)
Field of Specialization: German
- Charles Elbert Freeman.....Botkins
 B.S.A. (University of Arkansas)
Field of Specialization: Agricultural Education
- Ralph Burry Fritsch.....Cincinnati
 B.S. (United States Air Force Academy)
Field of Specialization: Economics
- Menno Froese.....Chicago, Ill.
 B.A. (Bethel College); B.D. (Chicago Theological Seminary)
Field of Specialization: Sociology
- John Homer Frye.....Mansfield
 B.A.
Field of Specialization: History
- Mark Charles Fulcomer.....Canfield
 B.A.
Field of Specialization: Psychology
- Ira Gaffin.....Columbus
 B.A.
Field of Specialization: Political Science
- James Benjamin Garrett, Jr.....Charleston, W. Va.
 B.S. (Hampden-Sydney College)
Field of Specialization: Psychology

- Thomas Huffman Gaumer.....Marysville
 B.A.
Field of Specialization: Journalism
- Peter Edward Gelpi.....Dublin
 B.S. (Xavier University)
Field of Specialization: History
- Geoffrey Gibson.....Kendal, England
 B.A. (University of Nottingham)
Field of Specialization: Sociology and Anthropology
- Roderick David Goman.....Columbus
 B.A.
Field of Specialization: Linguistics
- Dorothy Hamilton Gray.....Columbus
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Richard Eugene Guyer.....Columbus
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- Judith Timms Gwin.....Memphis, Tenn.
 B.S. in Psych. (Denison University)
Field of Specialization: Psychology
- Alice Beatty Hammett.....Mansfield
 B.S. (Northwestern University)
Field of Specialization: English
- Robb John Hauck.....Lynbrook, N. Y.
 B.S. (State University College, Oswego, New York)
Field of Specialization: Education
- Louis Earl Haynes.....Springfield
 B.Sc. in Edu.
Field of Specialization: Education
- June Taylor Heasley.....Columbus
 A.B. (Glenville State College, West Virginia)
Field of Specialization: Education
- Sharon Lynn Heskett.....South Vienna
 B.Sc. in Edu.
Field of Specialization: Education
- Thomas Aaron Hicke.....Columbus
 B.G.S. (Rollins College)
Field of Specialization: Economics
- Ralph Sewell Hodgdon, Jr.....Zoar
 B.S. (Mount Union College)
Field of Specialization: Education
- Roger Albert Hohn.....Dayton
 B.S. (Ed.) (Otterbein College)
Field of Specialization: Education

- Ihor Horodysky.....Parma
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Arthur Hudson.....Alexandria, Va.
 B.A. (Carson-Newman College, Tennessee)
Field of Specialization: Education
- Jane Rae Hughes.....Chicago, Ill.
 A.B. (University of Illinois)
Field of Specialization: Education
- John Howard Irvine.....Reynoldsburg
 B.S. (Wilmington College)
Field of Specialization: Education
- Robert Eugene Jackson.....Watertown, N.Y.
 B.S.J. (Ohio University)
Field of Specialization: Journalism
- Evelyn Cardwell Jones.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Education
- Roberta Katherine Jones.....Athens, Ga.
 A.B. J. (University of Georgia)
Field of Specialization: Education
- Silvia Gonzalez Kenneweg.....New Concord
 A.B. (Wesleyan College, Georgia)
Field of Specialization: Romance Languages
- William Wilson Kenneweg.....New Concord
 B.A. (Tarkio College, Missouri)
Field of Specialization: Political Science
- Charles Francis Klinger.....Columbus
 B.A.
Field of Specialization: History
- Donald Leon Knapp, Jr.....Youngstown
 B.F.A. (Ohio University)
Field of Specialization: Journalism
- Lorraine Heyman Kopf.....Bayonne, N. J.
 B.A. (Syracuse University)
Field of Specialization: Romance Languages
- Doris Susan Kostrinsky.....New Rochelle, N. Y.
 Ed.B. (State University of New York at Buffalo)
Field of Specialization: Physical Education
- Kyllikki Kusma.....Springfield
 B.F.A. (Ohio University)
Field of Specialization: Speech
- Ann Lavee.....Philadelphia, Pa.
 B.A. (University of Pennsylvania)
Field of Specialization: Psychology

- Paulette Rousseaux Loop.....Columbus
 B.A. (Otterbein College)
Field of Specialization: Romance Languages (French)
- William Carl Louthan.....Akron
 B.A.
Field of Specialization: Political Science
- Stuart Elaine Macdonald.....Richmond, Va.
 A.B. (Hollins College)
Field of Specialization: Political Science
- John Edward Machado.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Natividad Latorre Malabanan.....Lipa City, Philippines
 B.S.E. (University of Santo Tomas)
Field of Specialization: Education
- Vincent John Martin.....Arlington, Va.
 B.S. (Xavier University)
Field of Specialization: Journalism
- Richard Erwin Masek.....Glen Ellyn, Ill.
 B.A. (Northwestern University)
Field of Specialization: Political Science
- Jefferson Harvey Massey.....Chandlersville
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Hudson McGee.....Columbus
 A.B. (Capital University); B.D. (Evangelical Lutheran Theological
 Seminary)
Field of Specialization: Education
- Carolyn Johnson McIntosh.....Columbus
 B.A., B.S. in Ed. (Texas Christian University)
Field of Specialization: Education
- Ronald Lee McKeever.....Columbus
 B.S. in Edu. (California State College, Pennsylvania)
Field of Specialization: Education
- Malinda Conner McLean.....Oklahoma City, Okla.
 B.A. in Letters (University of Oklahoma)
Field of Specialization: Art
- Jane Stansbury Measel.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Floyd Gerry Middleton.....Columbus
 B.S. (Lamar State College of Technology, Texas)
Field of Specialization: Physical Education
- Yukio Morita.....Toyama, Japan
 B.Edu. (Toyama University); M.A. (Kyoto University)
Field of Specialization: History
- Serena Ann Morrison.....Sycamore Valley
 B.S.Ed. (Ohio University)
Field of Specialization: Education

- Wayne Cooper Murphy.....Columbus
 A.B. (Trevecca Nazarene College, Tennessee)
Field of Specialization: Education
- Donald Alan Nelson.....Columbus
 B.S. in Bus.Adm. (Wittenberg University)
Field of Specialization: English
- Roger Herbert Norman.....Haddon Heights, N. J.
 B.A. (Ohio Wesleyan University)
Field of Specialization: Economics
- Stephen Louis O'Keefe.....Delaware
 B.Sc. in Edu.
Field of Specialization: Psychology
- Frances Ominsky.....Philadelphia, Pa.
 B.A. (Temple University)
Field of Specialization: Speech
- Florence Ornstein.....Cleveland Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Lee Charles Overholser.....Columbus
 B.A.
Field of Specialization: English
- Bruce Lee Papier.....Columbus
 B.F.A.
Field of Specialization: Art
- Robert Donald Perkins.....Canton
 B.A. (Kent State University)
Field of Specialization: Psychology
- Anastasios Poutakoglou.....Ashland
 B.Sc. in Edu.
Field of Specialization: Psychology
- Hazel Irene Powell.....Columbus
 A.B. (Glenville State College, West Virginia)
Field of Specialization: Education
- Reginald Lee Price.....Columbus
 B.S. (MacMurray College)
Field of Specialization: Physical Education
- Stephen Washam Pritchett.....Jackson
 B.Sc. in Edu.
Field of Specialization: Education
- David Charles Pumphrey.....Painesville
 A.B. (John Carroll University)
Field of Specialization: English
- Beverlee Friedel Regules.....Marion
 B.A., B.Sc. in Edu.
Field of Specialization: Education

- George Frederick Rengert.....Cardington
 B.Sc. in Edu.
Field of Specialization: Geography
- Winifred Ann Richardson.....Durham, N. C.
 B.A. (North Carolina College at Durham)
Field of Specialization: Psychology
- Grace Herschdorfer Rintzler.....Spring Valley, N. Y.
 B.A. (Harpur College)
Field of Specialization: Psychology
- Lenevia Shamlin Robinson.....Columbus
 B.A. in Elem.Edu. (Southern University)
Field of Specialization: Education
- Marie Jones Robinson.....Lake Worth, Fla.
 B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Education
- Mary Joy Rose.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Faraday Rothgery.....Columbus
 A.B. (Baldwin-Wallace College)
Field of Specialization: History
- Frederick Edwin Rousculp.....Millersport
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- Karen Sue Ruegg.....Galloway
 B.A. (Otterbein College)
Field of Specialization: Education
- John Patrick Ryan, Jr.....Yonkers, N. Y.
 B.A. (Fordham College)
Field of Specialization: History
- Carol Anne Sainey.....Lancaster
 B.S. in Edu. (Ohio University)
Field of Specialization: History
- Elvira Nashid Sawiris.....Assuit, Egypt
 B.C. (Cairo University)
Field of Specialization: Economics
- Erin Ludwig Schmidt.....Mason, Tex.
 B.A. (Texas Technological College)
Field of Specialization: Psychology
- Almut Schroeer.....Enon
 B.A.
Field of Specialization: Romance Languages (Spanish)

- Jean Loretta Schwartz.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Miriam Golin Schwartz.....Columbus
 B.Sc.
Field of Specialization: Slavic Languages
- Barbara Ellen Sell.....Bay Village
 A.B. (Lindenwood College, Missouri)
Field of Specialization: Education
- James Aldine Shane.....Lexington
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Thomas Sheehan.....Columbus
 B.A.
Field of Specialization: History
- Richard Lee Sherwood.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Teresa Shinn.....Kearny, N. J.
 B.A. (Montclair State College, New Jersey)
Field of Specialization: Physical Education
- Rocky Royce Shire.....Fredonia, Kans.
 B.S. (Kansas State Teachers College, Emporia)
Field of Specialization: Slavic Languages
- Lois Ann Shutt.....Sugarcreek
 B.S. in Edu. (Bluffton College)
Field of Specialization: Education
- Colborn William Smith.....State College, Pa.
 B.S. (Muskingum College)
Field of Specialization: Education
- Russell Yates Smith.....Dayton
 B.A.
Field of Specialization: History
- Graciela Solari.....Buenos Aires, Argentina
Field of Specialization: Romance Languages (Spanish)
- Judith Voltz Sorensen.....Canton
 B.A. (Malone College, Ohio)
Field of Specialization: English
- James Walter Stahl.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Mary Orr Stahl.....Columbus
 A.B. (Capital University)
Field of Specialization: English
- Jacqueline Agnes Steckel.....Roseland, N. J.
 B.A. (Thiel College)
Field of Specialization: Romance Languages

- Leslie Joseph Stegh.....Euclid
 B.S. in Edu. (Kent State University)
Field of Specialization: History
- Dorothy Kay Steiner.....Kenton
 B.Sc. in Edu.
Field of Specialization: Education
- Tana Sue Sterrett.....Columbus
 A.B. (Middlebury College, Vermont)
Field of Specialization: Slavic Languages
- John Lee Stillions.....Coshocton
 B.A., B.Sc. in Edu.
Field of Specialization: Romance Languages
- Betty Groby Stinemetz.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Roger Russell Street.....Worthington
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- Mihretu Taffera.....Addis Ababa, Ethiopia
 B.A. (Haile Sellassi I University)
Field of Specialization: Education
- David Edmund Tanzi.....East Northport, N. Y.
 B.S. in Ed. (State University College, Cortland, New York)
Field of Specialization: Physical Education
- Marcia Kemp Taylor.....Texarkana, Ark.
 B.A. (Vanderbilt University)
Field of Specialization: Romance Languages (French)
- James Roger Tootle.....Columbus
 B.A.
Field of Specialization: History
- Cheryl Lynne Towne.....Painesville
 B.A. (College of Wooster)
Field of Specialization: German
- Elaine Evelyn Triana.....Cleveland
 B.Sc. in Edu., B.F.A.
Field of Specialization: Art
- Frederick William Van Sant.....Newport, Ind.
 B.S. (Indiana State College, Terre Haute)
Field of Specialization: Journalism
- Clarence Walls.....Dayton
 B.S. (Ed.) (Central State College)
Field of Specialization: Music
- Robert Earl Warner, Jr.....Lakewood
 B.A. (Otterbein College)
Field of Specialization: Psychology

- Floralie Wexler.....Chicago, Ill.
 B.S. (Mus.Edu.) (University of Illinois)
Field of Specialization: Music
- James Alfred White.....Yorkville
 B.A.
Field of Specialization: History
- James Edward White.....Jefferson
 B.Sc. in Edu.
Field of Specialization: Education
- Linda Rogers Wickham.....Columbus
 A.B. (Douglass College, New Jersey)
Field of Specialization: English
- Jerilynn Sue Wiedmer.....Los Altos, Calif.
 B.A. (Pomona College)
Field of Specialization: German
- Ronald David Williams.....Chagrin Falls
 B.F.A.
Field of Specialization: Art
- Alexander Wolf.....Lambeth, Ont., Canada
 B.A.
Field of Specialization: German
- David Edwin Wolfe.....Grove City
 B.Sc. in Edu.
Field of Specialization: Education
- Nancie Bollinger Wolfe.....Grove City
 B.A. (Bridgewater College, Virginia)
Field of Specialization: Psychology
- James Kenneth Woodard.....Piqua
 B.A.
Field of Specialization: Journalism
- Kyle Thomas Woods, Jr.....Brewster
 B.A.
Field of Specialization: History
- James Richard Woolard.....Newark
 B.A. (Muskingum College)
Field of Specialization: History

(One hundred and sixty-nine candidates)

Master of Business Administration

- William Philip Anthony.....Sylvania
 B.B.A. (Ohio University)
Field of Specialization: Business Organization
- James Thomas Bachelor.....Bluffton, Ind.
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization

- Brice Frederick Ballou.....Seattle, Wash.
 B.A. (University of Washington)
Field of Specialization: Business Organizaion
- Joel Hall Beeghly.....Poland
 B.S. (Mount Union College)
Field of Specialization: Business Organization
- Robert Maurice Berg.....Renner, S. Dak.
 B.S. (South Dakota State College of Agriculture and Mechanical Arts)
Field of Specialization: Business Organization
- Robert Charles Black.....Cleveland
 B.C.E., M.Sc.
Field of Specialization: Business Organization
- Robert Lee Bowman.....Lewistown, Mont.
 B.A. (Montana State University); LL.B. (University of Denver)
Field of Specialization: Business Organization
- Thomas Allen Brown.....Springfield
 B.S. in Bus.Adm. (Wittenberg University)
Field of Specialization: Business Organization
- Robert Kissinger Burns.....Kettering
 B.I.E. (General Motors Institute)
Field of Specialization: Business Organization
- Ransey Jack Cooper.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James Ward Councill.....Blowing Rock, N. C.
 B.S. (Florida Southern College)
Field of Specialization: Business Organization
- John Walraven Farley III.....Wichita Falls, Tex.
 B.S. in B.A. (Agricultural and Mechanical College of Texas)
Field of Specialization: Business Organization
- John Irving Ferguson.....Mt. Vernon
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Wilkinson Roberts Folk.....Norfolk, Va.
 B.S. (Sacramento State College, California)
Field of Specialization: Business Organization
- Carl Fowler.....Ephrata, Wash.
 B.A. in Bus.Adm. (University of Washington)
Field of Specialization: Business Organization
- Walter Harvey Frederick, Jr.....Dubuque, Ia.
 B.S. in Bus.Adm. (University of Dubuque)
Field of Specialization: Business Organization
- John Tarlington French.....Minerva
 B.M.E.
Field of Specialization: Business Organization

- Marion Chester Gainer.....Coolville
 B.S.C. (Ohio University)
Field of Specialization: Business Organization
- Raymond Fernand Hamel.....Laconia, N.H.
 B.S. (University of New Hampshire)
Field of Specialization: Business Organization
- Thomas Addison Hamilton.....Bellville
 B.E.E.
Field of Specialization: Business Organization
- Robert W. Hankins.....Winston Salem, N. C.
 B.S.E.E (Duke University)
Field of Specialization: Business Organization
- Phyll Arnold Hansen.....Rexburg, Idaho
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization
- Lee Lytton Harkins, Jr.....Amarillo, Tex.
 B.A. (Baylor University)
Field of Specialization: Business Organization
- Lawrence Hasbrouck III.....West Nyack, N.Y.
 A.B. (Colgate University)
Field of Specialization: Business Organization
- Dennis Michael Heitkamp.....New Braunfels, Tex.
 B.S. (I.Ed.) (Agricultural and Mechanical College of Texas)
Field of Specialization: Business Organization
- David Loren Janusz.....Duncan Falls
 B.I.E.
Field of Specialization: Business Organization
- George Joseph Jeram.....Ashtabula
 B.S. (Ch.E.) (Stanford University)
Field of Specialization: Business Organization
- David Orrin Jones.....Bainbridge
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Paul Alwin Kammer.....Columbus
 B.Met.E. (Rensselaer Polytechnic Institute) ; M.Sc.
Field of Specialization: Business Organization
- Kenneth Donald Kaplan.....Miami Beach, Fla.
 B.S. in Bus. Adm. (University of Florida)
Field of Specialization: Business Organization
- Harold Hugh Kinkade.....Enumclaw, Wash.
 B.A. in Bus. Adm. (Washington State University)
Field of Specialization: Business Organization
- Leon John Kroenke.....Columbus, Nebr.
 B.S. in Bus. Adm. (University of Nebraska)
Field of Specialization: Business Organization

- Henry Allen Lamb.....Garland, Tex.
 B.B.A. (North Texas State College, Denton)
Field of Specialization: Business Organization
- Richard John Anthony Lewis.....Westtown, Pa.
 A.B. (Allegheny College)
Field of Specialization: Business Organization
- Ward Robert Martin.....Ottawa, Ill.
 B.A. (Coe College)
Field of Specialization: Business Organization
- Jeffrey Scott May.....Troy
 B.S.M.E. (Northwestern University)
Field of Specialization: Business Organization
- Joseph Vincent McCarthy.....East Hazel Crest, Ill.
 B.B.A. (University of Wisconsin)
Field of Specialization: Business Organization
- Roger Edward McComb.....Middletown
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James David McMillen.....Worthington
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Joseph Lawrence Meinig.....Wyomissing, Pa.
 B.E.E. (Cornell University)
Field of Specialization: Business Organization
- Charles Joseph Newell.....Omaha, Nebr.
 B.C.E. (University of Omaha)
Field of Specialization: Business Organization
- Floyd Kenneth Noel III.....Wichita, Kans.
 B.B.A. (University of Wichita)
Field of Specialization: Business Organization
- Jere Eskridge Poole.....Merion, Pa.
 B.A. (Dartmouth College)
Field of Specialization: Business Organization
- Richard Alan Reid.....Cleveland
 B.S.M.E. (Case Institute of Technology)
Field of Specialization: Business Organization
- Carl Trent Riley.....Dayton
 A.B. (University of Dayton)
Field of Specialization: Business Organization
- Francis Michael Rotondo.....Toledo
 B.B.A. (University of Toledo)
Field of Specialization: Business Organization
- David Charles Rubeck.....Newark
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Leslie Charles Sackett.....Tallmadge
 B.A.
Field of Specialization: Business Organization

- James Thomas Share.....Cambridge
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Donald Eugene Shults.....Marion
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Ronald Andrew Slabe.....Parma Heights
 B.C.E.
Field of Specialization: Business Organization
- Thomas Allen Spieth.....Cleveland
 B.B.A. (Western Reserve University)
Field of Specialization: Business Organization
- William Harold Spohn.....Columbus
 B.M.E., M.Sc.
Field of Specialization: Business Organization
- Samuel Frederick Stebelton.....Dayton
 B.I.E.
Field of Specialization: Business Organization
- Lawrence Victor Stranne.....Columbus
 B.S. in Ind. Engr. (Northwestern University)
Field of Specialization: Business Organization
- Howard Robert Tarleton.....Colma, Calif.
 B.B.A. (University of Hawaii)
Field of Specialization: Business Organization
- Vyrle Jack Taylor.....Corvallis, Ore.
 B.S. (Oregon State University)
Field of Specialization: Business Organization
- Donald Marion Thorne.....Merced, Calif.
 B.A. (College of the Pacific)
Field of Specialization: Business Organization
- Jimmy Glynn White.....Memphis, Tenn.
 B.S. (Arkansas State College)
Field of Specialization: Business Organization
- John Franklin Yarbrough, Jr.....Bossier City, La.
 B.A. in Journ. (University of Oklahoma)
Field of Specialization: Business Organization
- Robert Joseph Zamboldi.....Columbus, Ind.
 B.S. (United States Air Force Academy)
Field of Specialization: Business Organization
- (Sixty-one candidates)

Master of City Planning

- Arthur Phillip Martin.....Dublin, Ireland
 B.Arch. (University College, Dublin)
Field of Specialization: Architecture (City Planning)
- (One candidate)

Master of Fine Arts

- John Richard Brewer.....Wichita, Kans.
B.F.A. (University of Kansas)
Field of Specialization: Fine Arts (Painting)
- Mary Thompson Dambach.....Akron
B.F.A.
Field of Specialization: Fine Arts (Ceramics)
- David Arnold Hall.....Cranford, N. J.
B.A. (Amherst College)
Field of Specialization: Fine Arts (Sculpture)
- Keith Paul Knoblock.....Sandusky
B.F.A. (Kent State University)
Field of Specialization: Fine Arts (Sculpture)
- Charles John Magistro.....Euclid
B.F.A. (Carnegie Institute of Technology)
Field of Specialization: Fine Arts (Graphics)
- Gary William Ross.....Columbus
B.Sc. in Edu.
Field of Specialization: Fine Arts (Sculpture)
- Robert Michael Sajnovsky.....Campbell
B.F.A. (University of Notre Dame)
Field of Specialization: Fine Arts (Painting)
- James William Shaffstall.....Bucyrus
B.F.A.
Field of Specialization: Fine Arts (Ceramics)
- Terry Lynn Taggart.....Hennessey, Okla.
B.F.A. (University of Oklahoma)
Field of Specialization: Fine Arts (Painting)
- Jean Felix Taylor.....Columbus
B.F.A., M.A.
Field of Specialization: Fine Arts (Graphics)
- Michael Joseph Walusis.....Dayton
B.F.A. (University of Notre Dame)
Field of Specialization: Fine Arts (Painting)
(Eleven candidates)

Master of Music

- Madeline Carol Alpiner.....Cleveland
Mus.B. (Oberlin College)
Field of Specialization: Music
- Kiyoko Asai.....Tokyo, Japan
B.A. in Music (Musashino College of Music)
Field of Specialization: Music
- Charles Leonard Beard, Jr.....Dayton
B.M. (DePauw University)
Field of Specialization: Music

- Leo Ernest Dontchos.....Dayton
 B.Sc. in Edu.
Field of Specilization: Music
- David Roger Keane.....Ventura, Calif.
 B.Mus., B.Sc. in Edu.
Field of Specialization: Music
- Christine Coates Norris.....Columbus
 B.A. (University of Mississippi) ; M.Edu. (University of Pittsburgh)
Field of Specialization: Music
- Ian Nicholas Polster.....Columbus
 B.Sc. in Edu., B.Mus.
Field of Specialization: Music
- Nancy Jo Queen.....Charlotte, N. C.
 B.Mu. (University of Hartford)
Field of Specialization: Music

(Eight candidates)

Master of Science

- Larry Francis Allen.....Huntington, W. Va.
 B.S. (Ohio University)
Field of Specialization: Mathematics (Computer Science)
- Wilfred King Anderson.....Seattle, Wash.
 B.S.E.E. (University of Washington)
Field of Specialization: Electrical Engineering
- William Earl Avant.....Georgetown, S. C.
 B.A. (Duke University) ; B.S., D.D.S. (Medical College of Virginia)
Field of Specialization: Dentistry
- Marvin Lee Baer.....Pampa, Tex.
 D.D.S. (University of Texas)
Field of Specialization: Dentistry
- Richard Clark Bair.....Troutdale, Ore.
 B.S. (Oregon State College)
Field of Specialization: Chemistry
- Stanley Edwin Bammel.....Kerrville, Tex.
 B.S. (Wheaton College)
Field of Specialization: Mathematics (Computer Science)
- Karl Lennart Bang.....Stockholm, Sweden
 Civil Engineer (Royal Institute of Technology)
Field of Specialization: Civil Engineering
- Norman Patrick Barnes.....Brunswick
 B.Sc. in Phys.
Field of Specialization: Physics
- Christopher Walker Bastian.....East Cleveland
 B.A. (Ohio Wesleyan University)
Field of Specialization: Zoology
- Jayne Carole Beard.....Republic
 B.S. (Heidelberg College)
Field of Specialization: Pathology

- Reuben Hays Bell.....Lamartine, Pa.
 B.S. (Grove City College)
Field of Specialization: Chemistry
- Welden Sommer Benedict.....Columbus
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Philip Jeffrey Berger.....Sergeantsville, N. J.
 B.S. (Delaware Valley College)
Field of Specialization: Dairy Science
- Charles Craig Berry.....Chanute, Kans.
 B.S. (University of Kansas)
Field of Specialization: Pharmacy
- Parmesh Kumar Bhalla.....Chandigarh, Punjab, India
 B.Sc. (Punjab University)
Field of Specialization: Industrial Engineering
- Gerald Arthur Blakley.....Hamilton
 D.V.M.
Field of Specialization: Veterinary Medicine
- Dwight Allen Blaser.....Bucyrus
 B.M.E.
Field of Specialization: Mechanical Engineering
- Conrad Joseph Boisvert, Jr.....Linden, N. J.
 B.S. in E.E. (Newark College of Engineering)
Field of Specialization: Electrical Engineering
- Howell Keith Brewer.....Bedford Heights
 B.M.E. (Fenn College)
Field of Specialization: Engineering Mechanics
- Evan Luther Brill.....Columbus
 B.Sc.
Field of Specialization: Mathematics (Computer Science)
- Clarence Carl Bryk.....North Royalton
 D.D.S.
Field of Specialization: Dentistry
- Frederick Buell Buoni.....Dayton
 A.B. (Rutgers University)
Field of Specialization: Nuclear Engineering
- Richard W. Burrier.....Yardley, Pa.
 B.S. (E.E.) (Rutgers University)
Field of Specialization: Electrical Engineering
- Herbert Malcolm Campbell, Jr.....Dayton
 B.S. (University of Dayton); D.D.S. (Howard University)
Field of Specialization: Dentistry
- Douglas Joseph Chapman.....Belmont, Mass.
 B.S. (Michigan State University)
Field of Specialization: Horticulture
- John Emerson Cheshier.....Columbus
 D.D.S.
Field of Specialization: Dentistry

- Dean Lewis Colwell.....Defiance
 B.A. (Defiance College)
Field of Specialization: Microbiology
- Charles Seaman Cook.....Dayton
 B.S. (Met.E.) (University of Wisconsin)
Field of Specialization: Metallurgical Engineering
- James Howard Cook.....Jefferson
 B.E.E.
Field of Specialization: Electrical Engineering
- Robert John Crus.....Akron
 B.S. (University of Akron)
Field of Specialization: Physiological Chemistry
- Kenneth Charles Daiker.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Chemistry
- James Lee Dapore.....Versailles
 B.M.E.
Field of Specialization: Mechanical Engineering
- Woodrow Steven Demmy.....Springfield
 B.I.E.
Field of Specialization: Industrial Engineering
- Susan Dawson Derr.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Alberto Diaz-Lobo.....San Pedro Sula, Honduras
 Ingeniero (Universidad Macion al Autonoma de Honduras)
Field of Specialization: Civil Engineering
- Edmund Joseph Durkin.....Cleveland Heights
 B.Sc.
Field of Specialization: Physiology
- John Austin Dutton.....Denmark, Me.
 A.B. (Colby College)
Field of Specialization: Geodetic Science
- Rene Eastin.....Cleveland
 B.Sc.
Field of Specialization: Geology
- James Richard Eifert.....Columbus
 B.S. in Metl.Eng. (University of Notre Dame)
Field of Specialization: Metallurgical Engineering
- Richard Frank Eizember.....Garfield Heights
 B.S. (Baldwin-Wallace College)
Field of Specialization: Chemistry
- Mohammed El-Mukhtar El-Gelani.....Garian, Libya
 B.S. (University of Libya)
Field of Specialization: Botany and Plant Pathology
- Johnny Cleveland Elliott.....S. Waltham, Mass.
 B.S. (University of Alabama); M.D. (Medical College of Alabama)
Field of Specialization: Preventive Medicine

- David Addison Erdner**.....Columbus
 B.S. (Capital University)
Field of Specialization: Mathematics
- Robert Paul Espenschied**.....New Philadelphia
 B.Sc. in Agr.
Field of Specialization: Poultry Science
- Mary White Evans**.....Columbus
 B.A. (Muskingum College)
Field of Specialization: Home Economics
- Roy Fagin**.....Hartford, Conn.
 B.S. (Columbia University); M.D. (University of Lausanne)
Field of Specialization: Preventive Medicine
- Gary Francis Fairchild**.....Marion
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Allen Dennis Ferguson**.....Oregon City, Ore.
 B.S. (Oregon State University)
Field of Specialization: Electrical Engineering
- Ronald Frank Fortman**.....Minster
 B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Caroline Margaret Gall**.....Grove City
 D.V.M. (Ontario Veterinary College)
Field of Specialization: Veterinary Physiology
- Will Roger Getz**.....Iloilo City, Philippines
 B.S. (Oklahoma State University)
Field of Specialization: Animal Science
- Asghar Ghadirian**.....Tehran, Iran
 M.D. (Tabriz University Medical School)
Field of Specialization: Psychiatry
- Julian Giraldo-Echeverry**.....Euclid
 M.D. (Universidad de Caldos)
Field of Specialization: Preventive Medicine
- Richard Davis Godfrey**.....Kent
 B.M.E.
Field of Specialization: Mechanical Engineering
- Anant Vaman Gokhale**.....Bombay, India
 B.T. (Indian Institute of Technology)
Field of Specialization: Civil Engineering
- John Frederick Graver**.....Lindsey
 D.D.S.
Field of Specialization: Dentistry
- Dietrich Anton Grev**.....Parkersburg, W. Va.
 B.Ph. (Northwestern University)
Field of Specialization: Chemistry

- Gilles Griffon du Bellay..... Paris, France
Field of Specialization: Electrical Engineering
- Edith Guderley.....Dayton
 A.B. (Earlham College)
Field of Specialization: Astronomy
- Christine Ruth Gustafson.....Rockford, Ill.
 B.A. (Drake University, Iowa)
Field of Specialization: Chemistry
- Richard Eugene Hall.....Jefferson, S. Dak.
 A.B. (University of South Dakota)
Field of Specialization: Chemistry
- Fred Hollis Haynie.....Columbus
 B.S., M.S. (Auburn University)
Field of Specialization: Metallurgical Engineering
- Robert Bruce Heath.....Columbus
 D.V.M. (Iowa State University)
Field of Specialization: Veterinary Surgery
- William Lewis Henning, Jr.....State College, Pa.
 B.A. (Swarthmore College)
Field of Specialization: Agricultural Economics and Rural Sociology
- Michael Shane Heschel.....Fremont
 B.I.E., M.B.A.
Field of Specialization: Industrial Engineering
- William Morton Hildebolt.....Eaton
 B.Sc. in Food Tech.
Field of Specialization: Horticulture
- David Lynn Hoffman.....Minneapolis, Minn.
 B.S., D.D.S. (University of Minnesota)
Field of Specialization: Dentistry
- James Ray Hoover.....Lewistown
 B.Agr.E.
Field of Specialization: Agricultural Engineering
- William John Hovey.....Dayton
 B.S. in E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- David Thomas Huber.....Eau Claire, Wis.
 B.S. (Saint John's College, Minnesota)
Field of Specialization: Chemistry
- Charles Sanders Hughes II.....Union, S. C.
 B.S. (E.E.) (Clemson Agricultural College)
Field of Specialization: Electrical Engineering
- George Howard Imber.....Delphos
 B.S. (Kent State University)
Field of Specialization: Mathematics (Computer Science)

- Gyan Chand Jain.....Toronto, Ont., Canada
 B.E. (Mech.), M.S. (University of Baroda, India)
Field of Specialization: Industrial Engineering
- Raymond Felix Jezerinac.....Cleveland
 B.Sc. in Agr.
Field of Specialization: Zoology
- Luis Earl Jordan.....Cleveland Heights
 B.E.E.
Field of Specialization: Electrical Engineering
- Roger Lee Justice.....Silver Spring, Md.
 B.S. (Ohio University)
Field of Specialization: Pathology
- Gloria Ann King.....Lima
 A.B. (Miami University)
Field of Specialization: Mineralogy
- David Almy Knowlton.....Washington, D. C.
 B.S. (Capital University)
Field of Specialization: Physiological Chemistry
- George Howard Kraft.....Columbus
 A.B. (Harvard College); M.D.
Field of Specialization: Medicine
- Mark Barrett Kuhner.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Sarunas Stasys Lazdinis.....Cleveland
 B.S. in Engr. (Case Institute of Technology)
Field of Specialization: Aeronautical and Astronautical Engineering
- Sung Ho Lee.....Boryung, Chungnam, Korea
 M.D. (Yonsei University)
Field of Specialization: Psychiatry
- Robert David Leedle.....Springfield
 B.S.E. (Case Institute of Technology)
Field of Specialization: Mechanical Engineering
- Dale Franklin Levering, Jr.....Grantsville, W. Va.
 A.B.Edu. (Glenville State College, West Virginia)
Field of Specialization: Botany and Plant Pathology
- James Joseph Lindenfelser.....Kearny, N. J.
 B.S.I.E. (Newark College of Engineering)
Field of Specialization: Industrial Engineering
- Paul William Lytle.....Batavia
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Mahmoud Musa Mahmoud.....Khartoum, Sudan
 B.V.Sc. (University of Khartoum)
Field of Specialization: Veterinary Preventive Medicine
- John Harlan McClelland.....Fredericktown
 B.Sc. in Agr.
Field of Specialization: Horticulture

- Harold Ray McFarland.....Reynoldsburg
 B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Abdul Jalil Mian.....Dacca, East Pakistan
 B.A., M.A. (University of Dacca)
Field of Specialization: Agricultural Economics and Rural Sociology
- *Robert James Miller.....Uhrichsville
Field of Specialization: Ceramic Engineering
- Guy John Moore.....Mount Claremont, Western Australia
 B.E. (Civil) (University of Western Australia)
Field of Specialization: Civil Engineering
- Vassiliki Celia Lascarides Morgan.....Columbus
 A.B. (Elizabethtown College, Pennsylvania)
Field of Specialization: Home Economics
- Phillip LeRoy Morr.....Delta
 B.Sc.
Field of Specialization: Mathematics (Computer Science)
- Elizabeth Ann Motley.....New Canton, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: Chemistry
- Alan Bruce Mroch.....Harvard, Ill.
 B.S.E.E. (University of Missouri School of Mines and Metallurgy)
Field of Specialization: Electrical Engineering
- Bernard Vekeni Muffuh.....Victoria, Cameroun
 B.S. (Eng.) (University of London)
Field of Specialization: Civil Engineering
- Jon Irving Mullarky.....Charles City, Ia.
 B.S.C.E. (Iowa State University)
Field of Specialization: Geodetic Science
- N. Joseph Nassif.....Rowlesburg, W. Va.
 A.B. (West Virginia University); D.D.S. (University of Maryland)
Field of Specialization: Dentistry
- Lawrence James O'Brien.....Columbus
 B.E.E. (Manhattan College)
Field of Specialization: Electrical Engineering
- Joel Odhiambo Ogot.....Oyugis, Kenya
 B.S.Agr. (West Virginia University)
Field of Specialization: Poultry Science
- Donald Harvey Orts.....Middletown
 B.S. in Met.E. (South Dakota School of Mines and Technology)
Field of Specialization: Welding Engineering
- Jong-Cherng Peir.....Tsoying, Taiwan, China
 B.S.E. (National Taiwan University)
Field of Specialization: Civil Engineering

* Two degrees

- Anthony Vincent Petricca.....Weirton, W. Va.
 B.A. (College of Steubenville)
Field of Specialization: Dairy Technology
- Myron Richard Porter.....Zanesville
 D.D.S.
Field of Specialization: Dentistry
- Emerson Lucine Potter.....Durand, Mich.
 B.S. (Michigan State University)
Field of Specialization: Animal Science
- David Graves Price.....Vienna, Va.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Physics
- Vema Raghava Rao.....Kanchikacherla, A.P., India
 B.V.Sc. (Sri Venkateswara University)
Field of Specialization: Dairy Technology
- Ralph William Rapp, Jr.....New Philadelphia
 B.C.E.
Field of Specialization: Civil Engineering
- Kenneth Lynn Reinhard.....Kettering
 B.E.E.
Field of Specialization: Electrical Engineering
- Marilyn Helfrich Rimbey.....Rocky River
 A.B. (Wittenberg University)
Field of Specialization: Zoology
- Paul Barrett Risk.....Columbus
 D.D.S. (Indiana University)
Field of Specialization: Dentistry
- James Carson Rock.....Easton, Pa.
 B.S.E.E. (Syracuse University)
Field of Specialization: Electrical Engineering
- Harvey Sanford Rosenberg.....Columbus
 B.Ch.E. (Cooper Union)
Field of Specialization: Chemical Engineering
- Betty Alice Rosenman.....Cleveland
 B.Sc.
Field of Specialization: Mathematics
- James Neil Ross, Jr.....Norwalk
 D.V.M.
Field of Specialization: Veterinary Physiology
- Howard Milton Rowe.....West Orange, N. J.
 A.B. (Rutgers University)
Field of Specialization: Pharmacology
- James Calvert Rucker.....Waverly
 B.I.E.
Field of Specialization: Industrial Engineering

- Bernard Ross Sacks.....Clayton, Mo.
 B.S.Chem.Eng. (Purdue University)
Field of Specializaxtion: Chemical Engineering
- John Edison Sadler.....Columbus
 B.S.A.E. (Ohio University)
Field of Specialization: Civil Engineering
- Alan Gary Sarbin.....South Euclid
 D.D.S.
Field of Specialization: Dentistry
- Philip A. Schlosser.....Columbus
 B.Sc. in Phys.
Field of Specialization: Nuclear Engineering
- Jacques Roger Sert.....Bois-Colombes, Seine, France
 Ingenieur (Institute Nationale des Science Appliquees)
Field of Specialization: Metallurgical Engineering
- B. M. Channappa Setty.....Basavapatna, Hassan Dt., Mysore, India
 B.E., B.Sc. (University of Mysore)
Field of Specialization: Electrical Engineering
- Carl David Shaffer.....Wadsworth
 B.A. (Ohio Wesleyan University); D.D.S.
Field of Specialization: Dentistry
- Kenneth Paul Shephard.....Elyria
 B.S. (Muskingum College)
Field of Specialization: Chemistry
- Terry Emerson Shoup.....Tipp City
 B.M.E.
Field of Specialization: Mechanical Engineering
- George Frederick Shuttleworth.....Columbus
 B.Sc.
Field of Specialization: Mathematics (Computer Science)
- Charles Siegel.....Dayton
 B.S. (Seton Hall College, New Jersey)
Field of Specialization: Industrial Engineering
- Vijendra Pal Singh.....Bulandshahr, India
 M.Sc. (University of Allahabad); M.Sc. (Aligarh Muslim University)
Field of Specialization: Industrial Engineering
- Paul Hanson Smith.....Albuquerque, N. Mex.
 B.S. in E.E. (University of New Mexico)
Field of Specialization: Electrical Engineering
- Karlene Marie Stark.....Columbus
 B.Sc.
Field of Specialization: Mathematics (Computer Science)
- Marshall McCune Stark.....Ferguson, Mo.
 B.S. Civil Engr. (University of Missouri)
Field of Specialization: Geodetic Science

- James Allyn Stickley..... Urbana
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Byron Stinson..... New Holland
 B.A., M.D.
Field of Specialization: Psychiatry
- Paul Carlyle Storm..... Berne, Ind.
 B.S. (Wheaton College)
Field of Specialization: Chemistry
- William Lawrence Swartz..... Stewartstown, Pa.
 D.D.S. (University of Pittsburgh)
Field of Specialization: Dentistry
- Julius Mario Tesi..... Yorkville
 B.Sc. in Phar., B.A., M.D.
Field of Specialization: Pharmacology
- George Thien..... St. Louis, Mo.
 B.S. in Gph.Eng. (Saint Louis University)
Field of Specialization: Geodetic Science
- James Roy Thompson..... New Hope, Pa.
 B.A. (Wesleyan University, Connecticut)
Field of Specialization: Astronomy
- Marlin Frank Troiano..... Canton
 B.A. (Kent State University) ; D.D.S. (Medical College of Virginia)
Field of Specialization: Anatomy
- Josann Watkins Trusty..... Columbus
 B.Sc.
Field of Specialization: Physics
- Manuel Tzagournis..... Youngstown
 B.Sc., M.D.
Field of Specialization: Medicine
- Charles Henry Ulrich..... Columbus
 B.S. (United States Naval Academy)
Field of Specialization: Geodetic Science
- Earl Edward Vastbinder..... Dayton
 B.S. (University of Dayton) ; M.D.
Field of Specialization: Pediatrics
- Bob Garth Volk..... Worthington
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard Egbert Wallace..... Westfield, N. J.
 B.S. in E.E. (Northeastern University)
Field of Specialization: Electrical Engineering
- John Yuan-Chang Wang..... Columbus
Field of Specialization: Geodetic Science

- *Warren William Ware**.....Cleveland
Field of Specialization: Metallurgical Engineering
- David Edwin Weaver**.....Forest
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- Elizabeth Jeanne West**.....Damascus
 B.S. (Mount Union College)
Field of Specialization: Zoology and Entomology
- Duane George Wombolt**.....Columbus
 B.A. (Iowa State Teachers College, Cedar Falls); M.D. (State University of Iowa)
Field of Specialization: Medicine
- Robert Tai-Chi Wong**.....Hong Kong, China
 B.S. (National Taiwan Universtiy)
Field of Specialization: Civil Engineering
- Charlene Kay Wood**.....Zanesville
 B.Sc.
Field of Specialization: Pathology
- Conchita Co Yao**.....Manila, Philippines
 B.S. (University of the Philippines)
Field of Specialization: Mathematics
- Jerry Lee Zook**.....Columbus
 B.S. in E.E. (Northwestern University)
Field of Specialization: Electrical Engineering
 (One hundred and fifty-six candidates)

Master of Science in Public Administration

- Ralph Harold Koontz**.....Columbus
 B.Sc.
Field of Specialization: Political Science
 (One candidate)

Master of Social Work

- Milton Ain**.....Columbus
 A.B. (City College, New York)
Field of Specialization: Social Work
- Robert Burton Aukerman**.....Cincinnati
 A.B. (Miami University)
Field of Specialization: Social Work

* Two degrees

- Ann Sparks Bell.....Columbus
 B.A. (Otterbein College)
Field of Specialization: Social Work
- William Robert Benedict.....Springfield
 A.B. (Earlham College)
Field of Specialization: Social Work
- Alfredo Berlfein.....Cincinnati
Field of Specialization: Social Work
- Berthenia Lott Buckley.....Beckley, W. Va.
 A.B. (Tillotson College, Texas)
Field of Specialization: Social Work
- Sister Mary Louis Clark.....Cincinnati
 B.A. (College of Steubenville)
Field of Specialization: Social Work
- Ruth Marcus Dentan.....Columbus
 A.B. (Vassar College)
Field of Specialization: Social Work
- Barbara Jane Diserens.....Cincinnati
 B.A.
Field of Specialization: Social Work
- Bonnie Bower Dreckmeier.....Columbus
 B.A.
Field of Specialization: Social Work
- Paula Vertelney Edelstein.....Quincy, Mass.
 B.A. (University of Minnesota)
Field of Specialization: Social Work
- Rita V. Melamed Edlin.....Cincinnati
 A.B. (Ohio University)
Field of Specialization: Social Work
- Evan David Ehmann.....Columbus
 B.A. (Ohio Wesleyan University); M.A.
Field of Specialization: Social Work
- Maris Kushner Elfield.....Shaker Heights
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- John Joseph Evans.....Columbus
 A.B. (College of Saint Charles Borromeo); M.Ed. (Xavier University)
Field of Specialization: Social Work
- Laura Anne Fichner.....Worthington
 B.A. (Whittier College)
Field of Specialization: Social Work
- Robert West Ford, Jr.....Cincinnati
 A.B. (Georgetown College)
Field of Specialization: Social Work
- Ralph F. Gilmer.....Dayton
 B.A.
Field of Specialization: Social Work

- Nancy Reid Greene.....Columbus
 B.A. (Wellesley College)
Field of Specialization: Social Work
- Diane Reinertson Hagen.....McLean, Va.
 A.B. (Capital University)
Field of Specialization: Social Work
- William David Haskins.....Columbus
 B.A. (San Fernando Valley State College)
Field of Specialization: Social Work
- Loa Ayala Henthorne.....Columbus
 B.A. (University of Maryland)
Field of Specialization: Social Work
- Alice Helldoerfer Hill.....Dayton
 B.A. (Seattle University)
Field of Specialization: Social Work
- Kay Seeley Hoffman.....Peninsula
 A.B. (Ohio University)
Field of Specialization: Social Work
- Albert Curtis Holloway.....Oberlin
 B.S. (Ashland College)
Field of Specialization: Social Work
- Margaret Burns Huff.....New Albany
 B.A. (Adrian College)
Field of Specialization: Social Work
- Melody Richardson Kidd.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Dorothy Mays LaMacchia.....Zanesville
 B.Sc. in Soc. Adm.
Field of Specialization: Social Work
- Nancy Lou Litscher.....Columbus
 A.B. (Capital University)
Field of Specialization: Social Work
- Rose Goldstein Mandelkorn.....Columbus
 B.S. (Capital University)
Field of Specialization: Social Work
- Daniel Jo Matheny.....Logan
 A.B. (Ohio University)
Field of Specialization: Social Work
- Grace Packer Mathison.....Hilliard
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Nancy Dern Mathison.....Columbus
 B.A. (Otterbein College)
Field of Specialization: Social Work

- John Edward Meermans.....Greenwich
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Jerome Michael Miller.....Cleveland
 B.Sc.
Field of Specialization: Social Work
- Bruce Alan Nell.....Cincinnati
 A.B. (Wilmington College)
Field of Specialization: Social Work
- David Peter Parker.....Delaware
 A.B. (University of Dayton)
Field of Specialization: Social Work
- Standra Drane Patterson.....Cincinnati
 A.B. (Ohio University)
Field of Specialization: Social Work
- Jay Lee Perler.....Columbus
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Marion Cortell Schaen.....Cincinnati
 B.S. (Simmons College)
Field of Specialization: Social Work
- Cynthia Dawn Schmohe.....Gilman, Ill.
 B.Mus. (Millikin University)
Field of Specialization: Social Work
- Carol Levitzky Seligmann.....Long Beach, N. Y.
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Nancy Sell Silver.....Columbus
 A.B. (Rutgers University)
Field of Specialization: Social Work
- Paul Karlton Smith.....Jackson
 B.A. (Goshen College)
Field of Specialization: Social Work
- Virginia Louise Smith.....Wheeling, W. Va.
 A.B. (Wilson College)
Field of Specialization: Social Work
- Edward Joseph Spillan.....Columbus
 A.B. (University of Dayton)
Field of Specialization: Social Work
- Michael Guy Thompson.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Lee Ellis Townsel.....Oberlin
 B.A. (Philander Smith College)
Field of Specialization: Social Work

- Deanna Larsen Ulrich.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Paul Alfred Van Marter.....Dayton
 A.B. (University of Dayton)
Field of Specialization: Social Work
- Glendell Wayne Whaley.....Cincinnati
 B.A. (Philander Smith College)
Field of Specialization: Social Work
- Jean Gregg Wills.....West Jefferson
 B.Sc. in Soc. Adm.
Field of Specialization: Social Work
- Joan Lawson Wills.....Worthington
 A.B. (Franklin College)
Field of Specialization: Social Work
- Virginia Irons Wilson.....Lewisburg, W. Va.
 A.B. (University of Michigan)
Field of Specialization: Social Work
- Marilyn Shockley Wolf.....Columbus
 A.B. (Indiana University)
Field of Specialization: Social Work
- Patricia Ann Worthen.....Ft. Meyers, Fla.
 B.Sc. in Soc. Adm.
Field of Specialization: Social Work

(Fifty-six candidates)

Candidates for Two Degrees

- Carol Lynn Balthaser.....Columbus
 Bachelor of Arts (summa cum laude)
 Bachelor of Science in Education (summa cum laude)
- Herbert James Bryan.....McComb
 Bachelor of Science in Education
 Bachelor of Music
- Alan Robert Carroll.....Cincinnati
 Bachelor of Arts
 Bachelor of Science in Education
- Linda Woodrow Eastlake.....Mentor
 Bachelor of Arts (cum laude)
 Bachelor of Science in Education (summa cum laude)
- Timothy Moore Garner.....Chagrin Falls
 Bachelor of Arts
 Bachelor of Science in Education
- Helen Zwenyslana Kryshalowych.....Cleveland
 Bachelor of Arts
 Bachelor of Science in Education
- Louis Francis Lamatrice.....Steubenville
 Bachelor of Arts
 Bachelor of Science in Education
- Diane Lynne Lenart.....Rock Creek
 Bachelor of Arts
 Bachelor of Science in Education
- James Clifford Lonz.....Norwalk
 Bachelor of Science in Agriculture
 Doctor of Veterinary Medicine
- Marlene Penny Manes.....Akron
 Bachelor of Arts
 Bachelor of Science in Education
- Robert Dean Markey.....Carroll
 Bachelor of Science in Agriculture
 Bachelor of Science in Education
- Robert James Miller.....Uhrichsville
 Master of Science
 Bachelor of Ceramic Engineering (summa cum laude)
- Harriet Kathrins Moye.....Shaker Heights
 Bachelor of Arts
 Bachelor of Science in Education
- Christine Lydia Potichny.....Parma
 Bachelor of Arts
 Bachelor of Science in Education
- Connie Cay Schlegel.....Holmesville
 Bachelor of Arts
 Bachelor of Science in Education

- Stephen Sharr.....Sistersville, W. Va.
 Bachelor of Fine Arts
 Bachelor of Architecture
- Michael Eugene Sherer.....Dayton
 Bachelor of Arts
 Doctor of Dental Surgery
- Hedwig Theresia Stocker.....Columbus
 Bachelor of Arts
 Bachelor of Science in Education
- Florence Frances Unetich.....Cleveland
 Bachelor of Arts (cum laude)
 Bachelor of Science in Education (summa cum laude)
- Warren William Ware.....Cleveland
 Master of Science
 Bachelor of Metallurgical Engineering
 (Twenty candidates)

Candidates for a Degree and a Certificate

- Lynn Marie Armstrong.....Cleveland Heights
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Janice Elizabeth Bolar.....Carroll
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Annabelle Lee Clark.....Toledo
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Madeline Elaine Fain.....Cleveland
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Maribeth Lee Kunze.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Wendy Lieberman.....Syracuse, N. Y.
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Judith Lynne McFarland.....Ada
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Bette Lynn Waldeck.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Mary Alice Warnes.....Ashland
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
 (Nine candidates)

College of Agriculture

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Robert Paisley Armour	Toronto
Thomas Herman Armstrong	Fairborn
Stephen George Arps	Delta
Gary Allen Bambauer	New Knoxville
Edward Thomas Beery	Lancaster
Katherine Leona Benz	West Seneca, N. Y.
Donald Dale Bernard	New Vienna
Donald Charles Blair, Jr.	Ashley
Dennis Leland Borton (with Distinction in Zoology)	Wauseon
Rodney Jacob Bothast (with Distinction in Animal Science)	Union City
Walter Fay Bouic	Ostrander
Robert Stephen Brown	Stockdale
Caroline Sue Brunzman	Kettering
Roger John Buchholz	Wooster
John Steven Bush	New Holland
Danny O'Dell Clark	Piqua
Craig Wesley Cook	Bucyrus
Thomas Lynn Cribblez (with Distinction in Dairy Science)	Bluffton
Ferris Paul Cummings	Hillsboro
John Paul Cummings	Hillsboro
Thomas James Cusick	Cleveland
Bernard John Czartoski	Stow
Elmer Dalton Dean	Columbus
Maurice Clyde DeHoff	Alliance
James Robert Denk	Millersburg
Donald Lee Diehl	Kingston
Edward Glen Dingledine	Hudson
Ronald Lee Eckard	Dalton
Gary Gene Eckenrode	Ada
Lynn Edward Elfner	Jamestown
Rodney Charles Fairchild	Marion
Howard Floyd Fisher	Baltimore
Robert Lewis Folger	Bethel
Daniel Edward Foor	Groveport
Richard Lee Fox	Dayton
Donald Gene Frahm (with Distinction in Agricultural Economics)	Rockford
Daniel Dee Frey	Cincinnati
Sherman Dan Frost	Columbus
Daniel Edward Fryer	Mt. Sterling
Michael John Galbraith	Hinckley
Donald Gail Garrabrant	Westerville
Lawrence Christian Gerken, Jr.	Holgate
James Arthur Gilmore	Wooster
Chadwick James Gratton	Chardon
Raymond Louis Grieselhuber	Hamilton
Alan James Griffiths (cum laude)	Cuyahoga Falls
Duane Wilson Gritzmaker	Botkins
Larry William Happel	Medway
Harold Jonathan Harlan	Lyndon
James Mitchell Harral	Circleville
Ronald Howard Harrison	Columbus
Edward Joseph Hartzler	Lexington
Gary Allen Henschen	Botkins
Clare Hobart Hirt	Strongsville
Arthur George Hock	Aberdeen
Kenneth Ernest Hohman	New Riegel

Clark David Hollis.....	Mt. Vernon
Edward William Hoskinson.....	Newark
Paul David Howman.....	Wooster
David Park Hull.....	Cattaraugus, N.Y.
John Alton Jacobs.....	Wakeman
John Eldon Jacoby.....	Tiffin
Gary Neal Johnston.....	Dublin
John Peter Kubala.....	Hinckley
Mary Lucille Lageman.....	Columbus
Charles Henry Lander.....	Solon
Phillip Timothy Lawson.....	Dayton
Thomas Leroy Lehman.....	West Liberty
Larry P. Lokai.....	Urbana
*James Clifford Lonz.....	Norwalk
Steve Noel Lowe.....	Dresden
Gerald Lee Mahan.....	St. Paris
*Robert Dean Markey.....	Carroll
Marytherese Bernadette Marlin.....	Fairborn
John Thomas Marshall.....	Springfield
Robert Maurice McCleery.....	Columbus
Robert Clinton McCort.....	Carrollton
Clair Bruce McCullough.....	Mt. Victory
Leonard Rex Miller.....	Smithville
Steven Joe Montgomery.....	Kenton
James Richard Moore.....	Oak Harbor
Thomas Linn Mountain.....	Ironton
Robert Martin Mullins.....	Grove City
Paul Chike Odiachi.....	Asaba, Nigeria
Roger Allen Perkins.....	Beallsville
Michael Joe Phillips (with Distinction in Agricultural Economics)	
	Risingsun
Harold Paul Rape.....	Zelienople, Pa.
Lawrence Thomas Ricer, Jr.....	Beallsville
John Rexal Risser.....	Vaughnsville
Norman William Rotruck.....	Sandusky
James Michael Ruth.....	Elyria
Robert Eugene Sachs.....	Johnstown
Richard Charles Sarver.....	Euclid
William Henry Schriver.....	Grafton
Jerry James Schulz.....	Berlin Heights
Frederick Earl Scott.....	Chagrin Falls
Roger Burl Seely.....	Hilliard
Terry Dallas Shaw.....	Ashtabula
Peter Lawrence Shiningier.....	Defiance
Gordon Freeman Smith, Jr.....	Bradford
Jeffrey William Snyder.....	Mentor
Roger Eugene Sollars.....	Sabina
James Richard Solomon.....	Cleveland
William Martin Stall.....	Leipsic
Norman Marvin Stanley.....	West Liberty
Philip Lee Steele.....	New Carlisle
James Steinfurth.....	Youngstown
Robert Neal Taylor.....	Willow Wood
Bruce Emerson Thayer.....	Collins
Ronald Eugene Thompson.....	Lancaster
William Theodore Thoren.....	Chagrin Falls
Gary Anthony Thrasher.....	Westlake
John Edward Turner.....	Springfield
Nancy Jane Ullery.....	Dayton
Kathleen Lynn VanAusdall (summa cum laude and with Distinction in Agronomy).....	Cincinnati
John Louis Vogel.....	St. Marys

* Two degrees

Joan Louise Vormelker.....	Euclid
Roy Allen Wallace.....	Pemberville
Arthur Joseph Warner.....	Johnstown
Richard Lynn Watts.....	Killbuck
David Edward Weaver.....	Marysville
Merlin Alvin Wentworth.....	Sarahsville
Frederick Collicott White.....	Columbus
Larry Allen Willrath.....	Celina
James Lewis Wilson.....	Lithopolis
James Alan Winner.....	New Weston
David Arthur Wright.....	Morrow

(One hundred and twenty-seven candidates)

Bachelor of Science in Dairy Technology

William Prosper Capozzella.....	Dover
Keith Leroy Knieriem.....	Elmore
Edward Nicholas Liberator (cum laude).....	Niles
Jeffrey R. Neel.....	Columbus

(Four candidates)

Bachelor of Science in Food Technology

Lawrence Eugene Grim.....	Mt. Sterling
Vincent Joseph Lammers.....	Leipsic
Mark Howard Love.....	Lakewood

(Three candidates)

Bachelor of Science in Nutrition

Grant Karl Varian.....	East Canton
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(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Anna Katherine Anderson.....	Alexandria
Judy Kay Anderson.....	Elmira, N. Y.
Jane Evelyn Baird.....	Hutchinson, Kans.
Diane Carol Bliss.....	Willowick
Bonnie Brown Bob.....	Columbus
Belinda Bess Brackney.....	Sabina
Mary Kathryn Bretthauer.....	Fayette
Melanie Kay Brown.....	Reedsville
Lorry Elizabeth Brubaker (cum laude).....	Wadsworth
Ann Marie Bush.....	Canastota, N. Y.
Constance Louise Coffey.....	Greenfield
Brenda Susan Cohen.....	Akron
Mary Ruth Corcoran.....	Chillicothe
Linda Jean Cornett.....	East Canton
Jacquelyn Lu Courte.....	Dayton
Helen June Davis.....	Lancaster
Nancy Atherton Derthick.....	Rochester, N. Y.
Kathleen Helen Duffy.....	Cleveland
Teresa Ann Falco.....	Chillicothe
Nancy Carol Fisher.....	Minneapolis, Minn.
Mary Ellen Fuller.....	Columbus
Patricia Goubeaux Gallagher.....	Tipp City
Carol Jane Gillespie.....	Kimbolton

Mary Ann Gray.....	East Palestine
Carol Ann Hall.....	Harrod
Linda Kay Hassell.....	Columbus
Jean Herald.....	Youngstown
Marilyn Joy Herman.....	Shaker Heights
Ruth Ann Holbein.....	Zanesville
Barbara Lynn Horwitz.....	Cincinnati
Nancy Ruth Hunter.....	Cuyahoga Falls
Susan Lee James.....	Ravenna
Margaret Regina Kaczmarek.....	Cleveland
Sue Ellen Keller.....	Jackson
Margaret Ross Kessler.....	Rockville, Md.
Constance Sue Laird.....	London
Jane Pamela Leonard.....	Dayton
Jennifer Ruth Lohse (summa cum laude).....	Pomeroy
Toma Henrietta Lord.....	Mt. Vernon
Diane Paula Loro.....	Lancaster
Elaine Susan Lynd.....	Pataskala
Kathleen Ann Manfrass.....	Kent
Johanna Rensina Marburger.....	Uhrichsville
Ellen Kay Martin.....	Gallipolis
Carol Jo McCullough.....	Bloomdale
Susan Agnes McDermott.....	Wooster
Gatha Parker Meadows.....	Columbus
Susan Kay Mertz.....	Cridersville
Marianna Louise Miller.....	Dayton
Dana Lee Monus.....	Youngstown
Beverly Benedict Munson.....	New Carlisle
Karen Louise Olinger.....	Dayton
Mary Elaine Overmyer.....	Greenville
Sandra Lee Perkins.....	Wadsworth
Kay Porteus.....	Coshocton
Julia Katherine Razor.....	Troy
Judith Ream.....	Dover
Sharon Ann Robejsek.....	Parma Heights
Carolyn Anne Ross.....	Wooster
Dian Harrington Schriver.....	Ashtabula
Barbara Mae Seiple.....	Clayton
Nancy Louise Simon.....	Shelby
Nancy Sharlene Sprinkle.....	Hillsboro
Sara Bucher Sprunger (cum laude).....	Lima
Sherrie Ann Szalay.....	Parma
Dorothy Jane Taft.....	Columbus
Kathleen Marie Telepak.....	Cleveland
Karen Ruth Thomas.....	Baltimore
Helen Louise Van Del.....	Williamsburg
Margaret Ellen Van Horn.....	Vanlue
Eloise Kaye Wagers.....	Columbus
Sue Allen Wanner.....	Waverly
Lynn Ann Weed.....	Worthington
Joan Jeanette Wilson.....	Mechanicsburg
Sue Ellen Yarrington.....	Blacklick

(Seventy-five candidates)

Bachelor of Science in Restaurant Management

Jeffrey E. Todd..... Columbus

(One candidate)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Arthur Charles Aaronson.....	New Haven, Conn.
John Thomas Adams.....	Lakewood
Sara Kate Adcock.....	Bremen
Diane Claire Agner.....	Ottawa
Daniel Jacob Aharoni.....	Toledo
John Moffett Alexander.....	East Cleveland
Jack Neal Alpern.....	East Liverpool
Donald Clark Anderson.....	Toledo
†Lynn Marie Armstrong.....	Cleveland Heights
Harriet Beth Arnowitz (cum laude).....	Fair Lawn, N. J.
Kristin Janina Aronson (with Distinction in Philosophy)	Brookfield Center, Conn.
David Arthur Bahlman.....	Findlay
Judith Grlicky Baker.....	Willoughby
Randall Richardson Baldwin.....	Reynoldsburg
*Carol Lynn Balthaser (summa cum laude).....	Columbus
Douglas Rolland Barnes.....	Toledo
Richard Lee Barrows (cum laude and with Distinction in International Studies).....	Columbus
Ronald Alan Bass.....	Cleveland
Ronna Gene Berke.....	Detroit, Mich.
Judy Ileen Berns.....	Akron
Susan Katherine Bertsch.....	Akron
Linda Chamberlain Birtler.....	West Covina, Calif.
James Michael Blazer.....	Findlay
JoAnn Squires Bleak (with Distinction in Psychology).....	Columbus
†Janice Elizabeth Bolar.....	Carroll
Joy Linda Bond.....	Nyack, N. Y.
Clarence Edward Boston.....	Westerville
Robert Edward Bourne, Jr.....	Lake Worth, Fla.
Damon Mark Bower.....	Dayton
James Francis Brindel.....	New Philadelphia
Herbert Walter Broda.....	Wooster
Robert Weaver Brown, Jr.....	Columbus
Joseph Robert Brownsted.....	Columbus
Robert Franklin Bruelheide.....	Bloomington, Minn.
Ann Marie Bryan.....	Zanesville
Vincent Arthur Bryant.....	Franklin
William Curtis Buckham.....	Mt. Vernon
Nellie Margaret Bugbee.....	Mansfield
Stephen Hollis Burgess.....	Chardon
Cynthia June Burton.....	Cincinnati
Eugene William Butler.....	Columbus
David Bernard Buus (cum laude).....	Cleveland Heights
Earl Dean Byrd.....	Fairfield
Bonnie Jean Cain.....	Deshler
James Thomas Caldwell.....	Cleveland
Joseph Ralph Cameron.....	Worthington
*Alan Robert Carroll.....	Cincinnati
Holly Hudson Castle (cum laude).....	London
Sally Rae Chase.....	Louisville, Ky.
Steven Mark Cherkas.....	East Cleveland
†Annabelle Lee Clark.....	Toledo
Roger Eugene Clark.....	Cincinnati

* Two degrees

† Degree and certificate

Edna Jean Class.....	Lakewood
William Harold Clifton.....	Circleville
Alan Ivan Cohn.....	South Euclid
Stephanie Irene Colon.....	New York, N. Y.
James David Colville.....	Walbridge
Samuel Ronald Cook, Jr.....	Marietta
John Philip Cool.....	Dayton
Victoria Ann Cotopolis.....	Mansfield
Anne Terry Counter.....	Columbus
Joseph John Cox.....	Columbus
Martin Joseph Crowe.....	Columbus
Terence Thomas Deggendorf.....	Cedar Rapids, Ia.
Diana Sue Demeter.....	Mentor
Richard Edward Dick, Jr.....	Columbus
Anthony Louis DiGirolamo.....	Weirton, W. Va.
Barbara Ann Don.....	McMurray, Pa.
Michael Stevens Drake.....	Columbus
Walter Alan Dryja.....	Bellefontaine
Jon Daniel Dubas.....	Brecksville
Kevin Francis Duffy.....	Cleveland
*Linda Woodrow Eastlake (cum laude).....	Mentor
Peter Eberth.....	Perrysburg
Drew Dennis Egleston.....	Portsmouth
Marcia Lynne Einhorn.....	Dayton
John Harrol Elledge, Jr.....	San Angelo, Tex.
Marta Elliott.....	Columbus
David Alan England.....	Lakewood
Gerald Michael Erchak.....	Ridgewood, N. J.
Barbara Evans.....	Cuyahoga Falls
Kenneth Paul Fain.....	Lorain
†Madeline Elaine Fain.....	Cleveland
Dean Paul Felton.....	Lancaster
Harry Eugene Field.....	Willoughby
Maureen Louise Finn.....	Columbus
Alan David Flatt.....	Dayton
James Henry Flynn III (cum laude).....	Perrysburg
Monica Victoria Fractenberg.....	Brooklyn, N. Y.
Penelope Barrett Frey.....	Lorain
Carl Robert Fromm.....	Cincinnati
Morris Frommer.....	New York, N. Y.
Hal Rodney Fuchs.....	Oceanside, N. Y.
John L. Fuller, Jr.....	Shaker Heights
James Robert Garey.....	Newark
*Timothy Moore Garner.....	Chagrin Falls
James Frederick Gatzke.....	Columbus
Ferdinand Edward Gaulke.....	Columbus
Paul Geiniman.....	Strongsville
Randolph Owen George (cum laude).....	Dayton
Jacqueline Munroe Gibler.....	Painesville
Leonard Stockman Gibler.....	Springfield
Carol Lee Gilbert.....	Worthington
Herbert George Gleitz.....	Euclid
Richard Joel Goldman.....	Port Jervis, N. Y.
Jacqueline Eva Gordon (cum laude).....	West Port, Conn.
Bernice Shapiro Gottlieb (cum laude).....	Bronx, N. Y.
Wayne Lee Graff (with Distinction in Political Science).....	Lyndhurst
Tamar Kishony Granot.....	Ramat-Gan, Israel
Gary Jay Greene.....	Bellaire
Bruce Rae Greenlee.....	Columbus
George Michael Greider.....	Newark
Steven Charles Groban.....	Columbus

* Two degrees

† Degree and certificate

Daniel Francis Grosh (cum laude and with Distinction in Political Science)	Strongsville
Michael William Grossberg	Cleveland
Molly Enderlin Grove	Columbus
Bruce Myron Gunn	Riverton, N. J.
Gary Stone Gunnett	Springfield
Ronnie Woodard Haberle	Columbus
Thad Richard Hague	Ashtabula
Thomas Charles Halpin, Jr. (with Distinction in History)	Dayton
Peter Todd Hampton (cum laude)	Akron
Diane June Handler	Dayton
Mary Margaret Hanson	Euclid
Dennis David Hargreaves	Akron
Allen Roger Hart	Beachwood
Richard Lee Hasenpflug	Oberlin
Roy Edward Hastwell	Winterville
Steven Benton Hayes	Columbus
Suzanne Head	Westerville
Beverly Candace Heise	Cleveland
Charles David Henderson	Columbus
Mary Beth Herd	Columbus
Henry Neil Heuerman	Swanton
Robert Alan Hirsch	Cleveland
Richard Alan Hobbie	Eastlake
Betty Bailey Hockett	Elida
Nancy Crossen Hofer	Willoughby
Carol Ann Hoffman	Columbus
James William Holt	Alliance
Marie Frances Holzhauser	Collins
Daryl Richard Homer	Petersburg, Va.
Kenneth David Hoover	Bridgeport
Charles McIntosh Hoppel	Tiffin
Lee Alan Hosler	Kensington, Md.
David Roberts Hughes	Cuyahoga Falls
Richard Allen Hulsman	Dayton
Richard Blake Igo	Columbus
Judith Marion Inglis	Columbus
Stephen Thomas Irwin	Dayton
Luann Jackson	Mt. Sterling
Charles Elias Jacob	South Euclid
Douglas Steven Jauert	Wapakoneta
Hunter Ross Jenkins	Cadiz
Linda Kathryn Jenkins (cum laude and with Distinction in International Studies)	North Canton
Roy Alan Jewett	Columbus
Margaret Ellen Johannung	Worthington
Jerald Joseph Johnson	Columbus
William Walter Johnston	Worthington
Dennis Watkins Jones	Marietta
Lynda Zimmerman Jones	Columbus
Martin Andrew Joy	Dayton
Winifred Martin Justice	Columbus
Shepard Layton Kahn	Columbus
Barbara Ann Kaminsky	Parma
Wally Garfunkel Kaplan	Miami Beach, Fla.
Richard Allen Kapp	Brecksville
Robert John Kastl	Cleveland Heights
David Jay Keilin	Cleveland Heights
Steven Lawrence Keller	Columbus
Kathleen White Kelly	News Shrewsbury, N. J.
John Matthew Kennedy	Shelby
Thomas Lewis Kenny	Navarre
James Drake Kerr	Troy
Robert Paul Kettering	Canton

Alan Richard Kiefer.....	Wooster
David Mitchell Kieffer.....	Tiffin
Samuel Jacob Kiehl III (summa cum laude).....	Grove City
Gale Rexford King III.....	Columbus
Edna Slauson Kinzig.....	Columbus
Anne Elaine Kiracofe.....	Sidney
Chessman Kittredge III.....	Cleveland
Robert Alan Koblentz.....	Columbus
Mark Howard Kohn.....	Toledo
Robert Winfield Kopp, Jr.....	Ashland
James Louis Koslovsky.....	Sylvania
Larry Kozobarich.....	Columbus
Norman Gene Kruedelbach.....	Columbus
*Helen Zwenyslana Kryshstalowych.....	Cleveland
Jerry John Kuck.....	Wapakoneta
†Maribeth Lee Kunze.....	Columbus
John Gerald Kurelic.....	Columbus
William David Kuster.....	Newark
Barry Thomas LaBarbera.....	Eastchester, N. Y.
Felicia Ann Ladd.....	Chardon
*Louis Francis Lamatrice.....	Steubenville
Manos Michael Lampidis.....	Union City, N. J.
Robert Charles Lampl.....	Lyndhurst
Barbara Ann Lauritsen.....	Columbus
Donald Arthur Leake.....	Ashtabula
Martin Lebowitz.....	Saint Michaels, Md.
Russell Paul Lecklider, Jr. (cum laude).....	Woodbury, N. J.
Howard Whitney Leeper, Jr.....	Columbus
*Diane Lynne Lenart.....	Rock Creek
Robert Carlton Lesan.....	Lebanon
Jeanne Gail Levin.....	Rochester, N. Y.
Sandra Ann Levine.....	Putnam Valley, N. Y.
†Wendy Lieberman.....	Syracuse, N. Y.
Karin Margareta Lissakers (cum laude).....	Perrysville
Susan Lison (cum laude and with Distinction in French).....	Columbus
William Murl Lowry.....	Columbus
James Irvin Luck.....	Akron
Gretchen Luidens.....	Columbus
Valerie Mae Lundquist.....	Faribault, Minn.
Edward Lloyd Lytle.....	Wooster
James Joseph Makley.....	Dayton
*Marlene Penny Manes.....	Akron
Michael Lloyd Manley.....	Worthington
Joyce Dillon Marinace.....	St. Marys, W. Va.
James Wayne Maxey.....	Cleveland
William Acton McCleery III.....	Lancaster
Bernard Eugene McDaniel.....	Columbus
†Judith Lynne McFarland.....	Ada
John William McFerran.....	Mantua
John Patrick McGinnis (cum laude).....	Chillicothe
James Joseph McLaughlin.....	Elyria
Dan Arthur McPartlin.....	Cincinnati
Richard Dennis Meyer.....	Columbus
Bonnie Marie Meyers (cum laude).....	Fairborn
Dennis Domonic Michalske.....	Cleveland
Donald Kenneth Miller.....	Cleveland
Eric Brigham Minturn.....	Marietta
David James Mitchell.....	Erie, Pa.
Richard Ernest Montgomery.....	Trumbull, Conn.
James Arthur Moore.....	Delaware
Rosemary Slade Moose (cum laude).....	Columbus

* Two degrees

† Degree and certificate

John Robert Morgan..... Garfield Heights
 William Lavac Morrow, B.Sc. in Edu..... Worthington
 Oswald Alexander Mosley..... Orsay, France
 Jonathan Vail Moulton..... Lima
 Thomas Lyle Mount (summa cum laude)..... Columbus
 *Harriet Kathrins Moye..... Shaker Heights
 John Allen Moyer..... Findlay
 Ronald Lee Mullins..... Waverly
 Lois Bailey Murtaugh (cum laude)..... Westerville
 Alvin Howard Mushkatel..... Cleveland Heights
 Harriett Frances Nalty..... Columbus
 Nancy Ann Neeper..... Toledo
 Frances Ann Netting..... Worthington
 Tim Neustadt..... Shaker Heights
 Charles Herman Newcomer..... Hamilton
 Francis John Newman..... Columbus
 Chris Kay Northrup..... Columbus
 Charles William O'Brien..... Columbus
 John Fassler Odgers..... Westerville
 Ronald Lee Owen..... Grove City
 Allen Thomas Pack..... Cincinnati
 Robert Palikucha Palmer..... Conneaut
 Jesse Henry Parmer III..... Toledo
 Kaaren Fay Parsons..... Toledo
 Robert Monroe Parsons..... Columbus
 Nancy Marie Patch..... Farmington, Mich.
 Richard Thomas Patton..... Cincinnati
 Paul Vincent Pavlic..... Columbus
 John Brinton Perera..... Columbus
 Joseph Heinlein Perry, Jr..... Bridgeport
 David Lee Peters..... Springfield
 John Lane Phelps..... Canton
 Jacqueline Anne Pinkerton..... Centerville
 Frank Joseph Pinter..... Cleveland
 Sheila Jo Platoff..... Louisville, Ky.
 David Carevyl Poland..... Columbus
 Helen Alene Pollack..... Richmond, Va.
 Harmon Polster..... South Euclid
 Lois Shirley Polster (summa cum laude)..... University Heights
 *Christine Lydia Potichny..... Parma
 Peter Anthony Precario..... Cleveland
 John Randall Pumphrey..... Dayton
 James Barry Rader..... Columbus
 Rebecca Dean Reid (summa cum laude and with Distinction in
 History)..... Alma, Mich.
 Barbara Alice Renick..... Orient
 Robert Allan Retske..... Dayton
 Michael Jay Rex..... Lima
 Bruce Douglas Ribbans..... Verona, N. J.
 Gary Rich..... Cleveland
 Jeffrey Alan Rich (with Distinction in Political Science)..... University Heights
 Robert Paul Ringland..... Cincinnati
 Brenda Silverman Ripper..... Cleveland Heights
 David Robert Ripper..... Washington, Pa.
 Malcolm Jeffrey Robertson..... Hamilton
 Francis Bland Robinson..... Portsmouth
 Michael Jay Robinson (with Distinction in Political Science)..... South Euclid
 Teri Roshkind..... New York, N. Y.
 Allan Edward Roth..... Cleveland
 James Millard Rothgery..... Sheffield Lake
 Virginia Jean Rotter..... Chagrin Falls
 Craig Robert Roush..... Lima

* Two degrees

Susan Joy Rubin (cum laude)	Silver Spring, Md.
Anita Rubuls	Parma
John Dennis Ryan	Columbus
Patricia Ann Sadar	Cleveland
Joan Lee Sandaker	Cincinnati
Richard Burt Saphire	Shaker Heights
Lorraine Ireland Sarosy	Cleveland
Barbara Lynne Sawyer (cum laude)	Arlington, Va.
Thomas Charles Sawyer	Worthington
Carolyn Jane Schiefer	Bucyrus
*Connie Cay Schlegel	Holmesville
Deirdre Gail Schneider	Port Washington, N. Y.
Stanley Karl Schneider	Lyndhurst
Ralph Michael Schoenberg	Lakewood
Judith Ann Schulman	University Heights
Doris Marianne Schultz	Columbus
Charles Irwin Schuster	Cleveland
Doreen Gay Schwartz (cum laude)	Columbus
Stanley David Sells	Columbus
Mwanyemi Semu	Lushoto, Tanganyika
Jerald Edward Shapiro	Cleveland
Roy Shapiro	Cleveland
William Buist Sharer	Columbus
Anthony Chi-Zung Shaw	Sao Paulo, Brazil
Margaret Lynn Shaw (cum laude)	Tallmadge
Lynn Diane Shechter	Akron
*Michael Eugene Sherer	Dayton
Mark Jeffrey Sheriff	Columbus
Susan Marie Sherman	Butler, Pa.
David Jacob Sherriff	Cleveland Heights
Steven Thomas Sherwood	Avon Lake
Linda Ruth Shockey	Columbus
Cynthia Warren Simons (summa cum laude and with Distinction in French)	West Chester, Pa.
Douglas Duane Smith	Cleveland
Leslie Louis Smith	Copley
Nelson Lee Smith	Sandusky
Douglas Michael Snapp	Urbana
Carol Gabrielle Snyder	Columbus
Dean Edward Soldner	Springfield
Mark Raymond Solomon	Youngstown
David Howard Sowd	Canton
Anthony James Spalla	Dayton
Duane Gerald Spiker	Columbiana
Susanne Zielinski Stafford	Columbus
Richard Dean Starr	Springfield
Kent Richard Stauffer	Arlington, Va.
Wiley Ronald Steakley	Columbus
Sheldon Gerald Steiger	University Heights
Paul Anthony Steurer, Jr.	Akron
Virginia Ann Stevenson	Chagrin Falls
*Hedwig Theresia Stocker	Columbus
Margaret Ann Stone	Boca Raton, Fla.
William Jeffery Stratton	Chagrin Falls
Mary Frances Stroud	Melbourne, Fla.
Robert Paul Sulek	Byesville
John Michael Szunyog	Fairview Park
Robert Gary Tanenhaus	South Acton, Mass.
Kenna Clyde Taylor	Shadyside
Roger Bellamy Taylor	Detroit, Mich.
Chris Peter Thelas	Lorain
Karen Gettles Thimmes	Norwalk

* Two degrees

Karen Elizabeth Thomas (with Distinction in Political Science) . . . Ashland
 James Garfield Tosi . . . Newark
 David Alan Travelstead . . . Rockford, Ill.
 James Whitaker Troutman . . . Cleveland Heights
 Chris Constantine Tsitouris . . . Columbus
 *Florence Frances Unetich (cum laude) . . . Cleveland
 John Jay Utterback . . . Belle Vernon, Pa.
 Joseph Ewing Van Buskirk . . . Chambersburg, Pa.
 Terry Dale Van Horn . . . Columbus
 Thomas Wendell Vargo . . . Columbus
 Donna Stafford Vaughan . . . Columbus
 Paula Jane Vecchiolla . . . Stamford, Conn.
 Marion Allan Viers, Jr. . . . Lewis Center
 Chris Andrew Wagner . . . Cincinnati
 James John Wagy . . . Pataskala
 †Bette Lynn Waldeck . . . Columbus
 Steven Dennis Walker . . . Worthington
 David Leland Walter . . . Warren
 George Frey Walter . . . Columbus
 Patricia Ann Warchol (cum laude) . . . Toledo
 †Mary Alice Warnes . . . Ashland
 Charles Boyd Weed . . . Cincinnati
 Eugene Paul Weiss . . . Columbus
 John Stephen Wellington . . . Delmar, N. Y.
 Mary Louise Wells . . . Kenton
 Paul Frederick White . . . Columbus
 Donald Leson Wiley . . . Celina
 Jonathan Keith Wilkin . . . Newcomerstown
 Melanie Linda Williams (cum laude and with Distinction in Psychology)
 Pittsburgh, Pa.
 Thomas Andrew Winters . . . Columbus
 Nestor Leslaw Wolansky . . . Bridgeport, Conn.
 Barry Howard Wolinetz . . . South Euclid
 Foster Lyn Wood . . . Dayton
 Linda Kay Wood . . . Columbus
 William Michael Worden . . . Rocky River
 John Ralph Wright . . . Wayne
 John Russell Yike . . . Pleasantville
 Stephen Lyle Younker . . . Gibsonburg
 Tadeusz Zalewski . . . Cleveland
 David Alan Zelman . . . Cleveland Heights
 Francis Daniel Ziarko . . . Steubenville
 Joel Alvin Ziskind . . . Columbus

(Four hundred candidates)

Bachelor of Science

Richard Alan Anderson . . . Verona, Pa.
 Robert Stanley Antworth . . . Columbus
 Jayne Elizabeth Baker (cum laude) . . . Dayton
 Raymond Charles Baker (cum laude) . . . Lewistown
 John Stephen Barbena . . . Bedford
 Harry Elden Bash . . . Findlay
 Bernard Rubin Berlow . . . Cleveland Heights
 Lawrence Eugene Bigler, Jr. (summa cum laude and with Distinction
 in Physics) . . . Bryan
 George Peter Bohlender II . . . Erie, Pa.
 Robert Edward Booms . . . Wickliffe
 Jerry Allen Boster . . . Columbus
 Conita Ruby Bowers . . . Williamstown
 David Elmer Brown . . . Waverly
 David Eugene Carpenter . . . Dublin

* Two degrees

† Degree and certificate

James Joseph Carson.....	Germantown
Robert Gordon Chase.....	Columbus
Ann Cloyce Cheney.....	Cleveland Heights
Karen Sue Clausen.....	Leipsic
Roger James Coynes.....	South Euclid
Larry Gene Crates.....	Arlington
Richard Claude Crebs.....	West Salem
Phyllis Jeanne Darling.....	Kettering
Tedd Eugene Dawson.....	Plymouth
Paul Joseph Domin (cum laude).....	Mt. Vernon, N. Y.
Sally Ann Dunn.....	Parma
Adrian Peter Ebben, B.S. in Med.Tech. (Saint Norbert College)	Little Chute, Wis.
Mark Howard Elfield.....	South Euclid
David Bruce Enabnit.....	Akron
David Milton Erickson.....	Columbus
Donald Vincent Ferree.....	Sidney
John Brian Fields.....	Marion
Gary Lew Freedman.....	Camillus, N. Y.
Gregory Lewis Freisner.....	Bremen
Marilyn Jean Fritz.....	Godfrey, Ill.
Roger Kenneth Gordon.....	Springfield
Arthur Edward Greene (cum laude).....	Montclair, N. J.
Steven Julian Haas.....	Columbus
Ronald Rayburn Haley.....	Lakewood
Stephen Raymond Heimann (summa cum laude).....	Columbus
Howard Drew Helwig (cum laude).....	Canton
Jean Renee Henry.....	Cleveland
David Francis Hillenbrand.....	Columbus
Theodore Hlibka (cum laude).....	Parma
Richard Spencer Hockett (cum laude).....	Dayton
Paul William Hooker.....	Columbus
George Richard Huesing.....	Cincinnati
Paul George Jakob.....	Columbus
David Aric Johnson.....	Bellaire
Angus Cameron Jones.....	Portsmouth
Jerald Jay Kasimov.....	Williamsville, N. Y.
Donald Brooks Kelly.....	Erie, Pa.
David Alan Krol.....	Cleveland
Francis William Lacroix.....	Spencer, Mass.
George Vearl Landon.....	Chardon
Bertrand Clovis Landry.....	Columbus
Lloyd Richard Larcom.....	Troy
Robert Todd Laurence.....	Cleveland
Dennis Dale Lehman (cum laude).....	Portsmouth
Jerre Lewis Lender, Jr.....	Dayton
Fredrick August Lins.....	Dayton
Rachele Lowenbraun.....	Newark, N. J.
Jerome James Lutkus.....	North Olmsted
Louis August Lux.....	Canton
Phra Douglas Lyle (cum laude).....	Newark
Charles Dixon MacArthur.....	Englewood
James Alan Manley.....	Barberton
James Frederick Martin.....	Barberton
Ronald Terry Martin.....	Shaker Heights
James Welker Mast.....	Sherwood
William Edward Mast.....	Stow
Michael Jo McCoy (cum laude and with Distinction in Economics)	Columbus
John Michael McCray.....	Middletown
John Leland McManus.....	Youngstown
Albert Charles Merkel (cum laude).....	Dillonvale
Daniel Stebbins Miller.....	Orrville

James Richard Miller.....	Lima
Martha Volchko Morr.....	Akron
Peder Harlan Otterson.....	Kent
Cecil Burton Parker, Jr.....	Castalia
Jeffrey Thomas Parry.....	Zanesville
Allen Howard Pekar (summa cum laude).....	Cleveland
Richard Henry Pelszynski.....	Clark, N. J.
Anne Marie Petrokubi.....	Charleston, W. Va.
Gerald Allan Raack (cum laude).....	Tallmadge
James Richard Raia (cum laude and with Distinction in Psychology).....	Parma
Michael Scott Rankin.....	Dayton
David Earl Rardin.....	Mt. Vernon
Michael Jacob Riggilo.....	Mingo Junction
James Larry Roberts.....	Lodi, Calif.
Kermit Arthur Rosenberg, Jr.....	Wheeling, W. Va.
Csaba Miklos Rozsa.....	Cleveland
Lynn James Runt.....	Cleveland
Glenna Rae Salyer.....	Columbus
Stephen Dale Schery (cum laude).....	Marysville
Charles Thomas Schlee.....	Castalia
Jon Rodney Schmidt.....	Plain City
Roy Robert Schminky.....	Ashtabula
Charles Harris Sechler.....	Maumee
Hiram Lee Shammo.....	Dalton
Philip Eugene Sheets.....	Ashland
Robert Andrew Shepherd, Jr.....	Lima
John Rye Sidlo.....	Columbus
Carl Greer Simmers.....	Uniontown
Dennis Elwood Sirbaugh.....	Mt. Vernon
Brian Richard Smyth.....	Mansfield
Linda Sue Still.....	Seville
Roger Lee Streets.....	Lima
Heinz Stucki.....	Baltic
Harry Edward Sullivan, Jr.....	Columbus
Myron Jay Taranow.....	Brooklyn, N. Y.
Leslie Paul Taylor.....	Euclid
Thomas Richard Terrell.....	Elyria
Janet Jean Thomas.....	Cable
Michael David Thompson.....	Lima
Catherine Phyllis Trotter.....	East Liverpool
Donald Joseph Tucci.....	Columbus
David John Vondrak.....	Maple Heights
Earl Donald Walker.....	Willoughby
Richard Dennis Weese.....	Cuyahoga Falls
Guy Dancy Yale (cum laude).....	Waynesfield

(One hundred and twenty candidates)

School of Journalism

Bachelor of Arts

Richard Alan Bashor.....	Columbus
Debra Ann Benn.....	Rocky River
Constance Sue Coning.....	Gettysburg
Catherine Lynn Crowley.....	South Hadley, Mass.
William Nye Curry (cum laude).....	Cincinnati
Mary Veronica Gordon.....	Columbus
Frank Edward Longwell.....	Van Wert
Vicki Jean Morris.....	Columbus
Chandley Ann Murphy.....	Youngstown
David Lawrence Palmer.....	Baltimore, Md.
Stephen Bernard Penner.....	University Heights
Donna Jean Plesh.....	Parma

Ellen Veronica Rank.....	Marion
Dean William Schott.....	Canton
Carole Lee Siemon.....	Minot AFB, N. Dak.
Catherine Fellows Smith.....	Columbus
Stuart Lee Spiegel.....	Cleveland Heights
Susan Joyce Stine.....	Toledo
Francine Louise Suda.....	Marion
Susan Ruth Trausch.....	North Royalton
James Terry Turner.....	Dayton
Marsha Lyn Wolowic.....	Columbus
Betty Louise Work.....	Friendship
Richard Louis Zupanic.....	Cleveland Heights

(Twenty-four candidates)

School of Optometry

Doctor of Optometry

Michael Wilbur Coon, B.Sc., B.Sc. in Opt.....	Cleveland
Douglas Sherman Dachenbach, B.Sc. in Opt.....	Urbana
Robert Cleyton England, B.Sc. in Opt.....	Zanesville
Roger Lee Graybill, B.Sc. in Opt.....	Columbus
Robert Edward Gregg, B.Sc. in Opt.....	Zanesville
Gerald Eugene Lowther, B.Sc. in Opt. (cum laude).....	Lancaster
Nick Parthenakis, B.Sc. in Opt.....	Cincinnati
Bruce Welton Pratte, B.Sc. in Opt.....	South Vienna
Patrick Lee Reardon, B.Sc. in Opt.....	Millersport
Edwin Carl Winbigler, B.Sc. in Opt.....	Mansfield
Koran Lee Zehnder, B.Sc. in Opt.....	Shanesville

(Eleven candidates)

College of Biological Sciences

Dean: *Ralph M. Johnson*

Bachelor of Science

Donald William Acomb.....	Acton, Ind.
Richard Lee Allen.....	Sidney
David Warren Armentrout.....	Springfield
Richard Alan Baker.....	Wilmington
William Tyler Baldock.....	Columbus
Sidney William Beddow II.....	Akron
Stanley Frank Bielicki.....	Bedford
Marilyn Richard Boehm (cum laude).....	Columbus
David Emery Boggs.....	Fairborn
Alvin Lee Bowling.....	Columbus
Jeffry Stephen Bowman.....	Ironton
Donald Ray Braden (cum laude).....	Stow
Joel Hershel Brandt.....	Columbus
William Allen Brock.....	Columbus
Larry Michael Buchanan.....	Baltimore
Michael Charles Burns.....	Bellefontaine
Joseph William Calabretta, Jr.....	North Canton
Steven Mauritz Carlson.....	Lima
John Edward Chick, Jr.....	Akron
Jean Chin-Wing.....	Cleveland
Lawrence Edward Cohen.....	Canton
Thomas Joseph Crane.....	Oregon
Jack Thornton Crawford.....	Hamilton
Jack Walter Curtin.....	Cleveland
William Charles Dahling.....	Dayton
Robert Edwin Daley.....	Ironton
Frederick Carlton Dawson.....	Lakewood
Jack Harold Doyle.....	Waverly
Nancy Edwina Doyle (summa cum laude).....	Westover AFB, Mass.
Edward Pierce Drohan.....	Cincinnati
John Cornelius Duffy.....	Columbus
Gregory William Erdos.....	Canton
William Albert Evanko.....	Lakewood
Yvonne Beth Ferguson.....	Portsmouth
Robert Paul Finberg (summa cum laude).....	University Heights
Weldon Garrison Fleming, Jr.....	Toledo
Thomas Thurman Fox.....	Columbus
Marion Meyer Fuqua.....	McComb
John Paul Gilboy, Jr.....	Youngstown
William Joel Goler.....	Cleveland
Robert Evan Gould (cum laude).....	Shaker Heights
Curtis Michael Graham.....	Canton
Diane Romayne Haas.....	Perrysburg
Robert Dean Hackett.....	Apple Creek
Terry Lee Hackney.....	Akron
Ward Dittmar Heinrich.....	Kirtland
Annalise Heller.....	Columbus
Eugene Paul Hern.....	Columbus
Curtis Lee High.....	Byesville
James Kenneth Hill.....	Bellbrook
Thomas Leroy Irvin.....	Hillsboro
Dennis Norman Jacobs.....	South Euclid
Beryl Kenneth Jones II.....	Cambridge
Michael David Kamin.....	Akron
Ronald Kaplansky.....	Cleveland Heights
John Paul Kelley.....	Youngstown
Don Reese King.....	Columbus

Wilbur Howard Kirtland, Jr.	Cuyahoga Falls
Charles James Kistler, Jr.	Warren
William Carl Koenig, Jr. (cum laude)	Springfield
Stephen Wayne Kress	Columbus
Randall Root Larson	Cuyahoga Falls
Andrew William Latham	Monroeville
Daniel Moore Lewis	Bethesda
Ronald Allen Lubin	Cleveland
Roy Koller Malkin	Bellaire
Stephen Gary Markovitz	Shaker Heights
Robert Dannial Markowitz	Cleveland
Frederick Gordon Martin, Jr.	Bolivar
Michael James McArtor	Fredericksburg, Va.
Ellsworth Ralph McKnight	Granville
Philip Zeyer McNaughton	Columbus
Martin George Meindl	Montpelier
Edward Merves	Lorain
Ann Marie Mickle (cum laude)	Columbus
Michael Earl Moranz	Youngstown
Michael David Nathan	Glen Rock, N. J.
William Lee Newton	Akron
Karyn Louise Nirady	Cleveland
Carl August Novak	Clarington
John Robert Olenzak	Massillon
David Lynn Oren	Ottawa
Carol Sue Oxender (summa cum laude)	Kunkle
James Chrisman Parker	North Olmsted
Michael William Patterson	Newark
Gary Jack Phipps	Dayton
David Earle Pichette	Youngstown
Raymond William Pierie	Bay Village
Fred Hillus Rader	Mansfield
Charles Newell Rafferty	Columbus
Alfred William Reader	Portsmouth
Rodger Allen Reedy	Springfield
Delphis Coleman Richardson	Anna
Edward Raymond Rinaldi	Cleveland
Robert Neil Robertson, Jr.	Solon
Paul Thomas Rogers	Cuyahoga Falls
Marc Richard Rose (cum laude)	Cleveland
Michael Ronald Rose (cum laude)	Cleveland
Ronald Martin Rosen	Shaker Heights
Ronald Richard Sepic	Uniontown, Pa.
Eric Paul Shaber	Wantagh, N. Y.
Jack Dean Shaffer	Marion
Marvin James Shaffer	Wauseon
Robert Earl Sharrock	Bel Air, Md.
Don Frazier Shook, Jr. (cum laude)	Akron
Ralph Edwin Smellie	Dayton
David Sopa	Columbus
Michael Clarkston Soult	Reynoldsburg
Sven Alfred Stalman	Bay Village
Steven Elwin Starr	Wilmington
Helen Etta Stauffer	Clarington
John Walker Steinberger	Columbus
Richard L. Stoffregen	Cincinnati
Paul Charles Stromberg (with Distinction in Zoology)	Milwaukee, Wis.
Gary Joseph Tashjian	Clifton, N. J.
Paul Richard Theaker	Mansfield
Richard Carter Treat (with Distinction in Microbiology)	Wooster
Carolyn Boyd Tripp (summa cum laude)	Cincinnati
Barry Clark Troutman	Toledo
William Leroy Truitt	Norwood
Charles Allyn Uniacke	Washington, D. C.

William Steve Vokonas.....Canton
 John Philip Wagner.....Galion
 Charlene Dorothy Wannemacher.....Cloverdale
 Wendy Ann Warner.....Cleveland
 Noel Jay Watson.....Germantown
 Richard John Watson.....Worthington
 Robert Jack Weber.....Lima
 Peter Fred Weisz (cum laude).....San Jose, Calif.
 Ronald Fullerton White.....Columbus
 Larry Dale Williams.....Utica
 Alan Leroy Winner.....Columbus
 Joanna Lee Worley.....Dayton
 Larry Craig Wright.....Mt. Vernon
 Milton Grant Yoder.....Marion
 Raymond George York.....Cincinnati
 Andrea Anne Zachary.....Brecksville
 James Phillip Zahand.....Bedford

(One hundred and thirty-eight candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

John Arthurs Abolins.....	Worthington
Rita Ann Abrams.....	Cleveland
Charles John Adam.....	Cleveland
Robert John Afton.....	Northfield
Anatol Ahije vych.....	Sugarcreek
John Graham Alexander.....	Hubbard
William David Allgire.....	Bellville
Gus Michael Angelas.....	Norwalk
Joseph Cole Ansley.....	Marion
Mark David Appleman.....	Valley Stream, N. Y.
James Richard Baldwin.....	Zanesville
Charles Herbert Ballou.....	Grove City
Dwight David Barkhurst.....	Worthington
Nicholas John Barnhart.....	Springfield
Howard Jeffery Bartels.....	Sylvania
Lawrence Cease Bauman.....	Hebron
James Stephen Beattie.....	Wooster
James Eugene Beemer.....	Sidney
Gerald Alan Beiriger.....	Worthington
George Sigurd Benson.....	Rocky River
James Tague Bentz.....	Columbus
James Patrick Berger.....	Fremont
Donald John Binkley.....	Lima
Stephen Ian Bloom.....	Ventnor, N. J.
William Allen Bohmer.....	Galion
John Edward Brady.....	Scott
Jacky Dean Branham.....	Columbus
Stanley Mitchell Braverman.....	New Milford, N. J.
Edwin Swepson Brock, Jr., B.Sc. in Agr.....	Virginia Beach, Va.
David Thomas Brokaw.....	Flushing
Robert Hunter Burroughs.....	Reynoldsburg
Ronald Edmund Cabaniss.....	Columbus
Joseph Lee Cain.....	Patriot
Anthony Pasquale Capoccia, Jr.....	Columbus
Robert Alden Carpenter.....	Chatham, N. J.
Harriet Dodd Caskey.....	Columbus
James Ronald Cataland.....	Campbell
Norman Craig Chalfant.....	Worthington
Gary Arlen Chapman.....	Ashtabula
Bill Peir Cheng.....	Binghamton, N. Y.
Robert Uriel Chevront.....	Columbus
Edward Jay Clark.....	Cuyahoga Falls
Glenn Lester Clark, Jr.....	Grosse Pointe, Mich.
James Roger Clark.....	Columbus
Charles Edward Cleaton.....	Cleveland
Steven Virgil Cleaves.....	Lima
Luther Louis Clem, Jr.....	Springfield
William Joseph Clifford, Jr.....	Worthington
Robert James Climer.....	Mt. Gilead
William Elliot Cohen.....	Columbus
Barry William Cole.....	Torrance, Calif.
Jack Dale Coogan.....	Steubenville
Marian Elayne Cox.....	Pittsburgh, Pa.
Don Roger Crider.....	Mansfield
Russell Wallace Crooks, Jr.....	Columbus
Fenton Earl Cross.....	Huron
Joyce Esbenshade Cross.....	Huron

Paul Alan Dawson..... Fairborn
 James Michael Devan..... Garfield Heights
 Anita Yale Donnelly..... Waynesfield
 Paula Janet Dunham..... Springfield, Mass.
 Kerry Charles Dustin..... Akron
 Walter Fred Duy (cum laude)..... Mansfield
 George Thomas Ebenhack..... Pittsburgh, Pa.
 Edwin Earl Edwards III..... Columbus
 John Ernest Eller..... Canton
 Jack Moorman English..... Columbus
 Donald Frederick Epler..... Columbus
 Kenneth Gregory Evans..... Winthrop, Mass.
 Barry Micheal Farber..... New Brunswick, N. J.
 Robert Alan Fein..... University Heights
 Michael Lawrence Fetters..... Columbus
 Barry Michael Fibus..... Youngstown
 Leslie Stuart Fishman..... University Heights
 Richard Joseph Flanagan..... Columbus
 John Stephen Follrod..... Mt. Sterling
 David Carley Fontana..... Columbus
 Kent Bright Forster..... Columbus
 George Dennis Foscardo..... Lima
 Robert Hayes Foster..... Columbus
 Robert Lee Fournier..... Flint
 Larry Lee Frank..... Fresno
 Michael Douglas Franke..... St. Paris
 Richard Eloi Gaboury..... Chicopee Falls, Mass.
 Robert Michael Galvin..... Revere, Mass.
 Plez Maurice Gastineau..... Piqua
 Ralph Curtis Gibson..... Mansfield
 Charles Franklin Gill, Jr..... Richwood
 Robert Scott Gledhill, Jr..... Paoli, Pa.
 Jerry Goebel..... Chillicothe
 Jeffrey Bernard Goodman..... South Euclid
 Robert Leroy Goodman..... Conneaut
 Daniel Raymond Goss..... Columbus
 David Paul Green..... Raleigh, N. C.
 Arthur Nelson Greene III..... Columbus
 Carlton Scott Greene..... Toledo
 Anthony William Gregory..... Parma
 David Bernard Grieshop..... Dayton
 Glenn Martin Grimes..... New Holland
 Michael Dean Groseclose..... Galena
 Paul Geoffrey Grossman..... Cleveland
 James Dorrance Halsey..... Galion
 William Fredrick Hanf..... Columbus
 Andrew Brooking Hastie..... Cincinnati
 Kenneth Lee Hawk..... Cleveland
 Walter George Hawkins, Jr..... Worthington
 William Hawryliw..... Cleveland
 Scott Kauffman Henney..... Columbus
 Robert Francis Henry..... Erie, Pa.
 James Earl Hensal..... Akron
 Thomas Herman Highley..... Columbus
 Mark Wilbert Holloway..... Fostoria
 James Leonard Hutson..... Carrollton
 Richard Gregory Jacobson..... Miami Beach, Fla.
 Kenneth Michael Jarzembak..... Avon Lake
 Thomas Michael Jarzen..... Cleveland
 Daniel Richard Jensen..... Bellville
 William Charles Johannes..... Columbus
 Lawrence Lowell Johns..... Cincinnati
 Benjamin Franklin Judd III..... Chillicothe

Paul Raymond Kaucher.....	Huntsville
Edward Wesley Keefer, Jr.....	Delaware
Robert Lewis Keel.....	Columbus
Robert Paul Keller.....	Parma
Daniel Joseph Kerscher (cum laude).....	Columbus
Alan Lee King.....	Newcomerstown
K. Keith Kingery.....	Laura
Julia Susan Kling.....	Dayton
G. Jeffrey Knepper.....	Mentor
Marvin Stanley Kodish.....	Akron
Liang-Zen Koo.....	Sao Paulo, Brazil
Walter Edward Kotch.....	Binghamton, N. Y.
Samuel Leonard Lacks, Jr.....	Akron
Brian Alan Laks.....	Beachwood
Howard Charles Landau.....	Cleveland
Jae Chang Lee.....	Seoul, Korea
Robert Stanley Leiken.....	University Heights
Gerald Woodmansee Leland.....	Washington C. H.
Richard Allen Levin.....	Cleveland
Ellen Myra Levine.....	Valley Stream, N. Y.
Gary Dee Linn.....	Celina
Thomas Ellsworth Lloyd.....	Gallipolis
Jerry Eugene Love.....	Pickerington
Robert David Lowrie.....	Painesville
Robert Dale Lowther.....	Cardington
John Robert Lump.....	Mansfield
Gregory Bates Luring.....	Bellefontaine
Homer George MacCartey.....	Cincinnati
Michael Patrick Mahoney.....	Columbus
Lowell David Martin.....	Oak Hill
Richard John Martin.....	Willoughby
James Thomas Masino.....	Cleveland
John William McDaniel.....	Gilboa
Floyd Ellsworth McElhaney, Jr.....	East Liverpool
Richard Edwin McKee.....	Cincinnati
Josephine Lynn McNealy.....	Dayton
David Charles Meacham.....	Columbus
James Rene Meier.....	Worthington
Wesley Charles Meinering, Jr.....	Canton
Richard Leroy Metz.....	Edgerton
Donald Herbert Meyers.....	Columbus
Barry Wayne Miller.....	Clifton
Michael Edward Miller.....	Columbus
Phillip Evans Miller.....	Gallipolis
Terry Wilson Miller.....	Lexington
William Richard Miller.....	Elyria
Robert Frederick Milliken.....	Burton
Charles Allan Mitchell.....	Hilliard
Lawrence Lee Moran.....	Bellaire
Kurtis Dale Mosser.....	Lancaster
Henry William Mundorff.....	Rochester, N. Y.
Thomas Edward Mutchler.....	Perrysburg
David Charles Nachman.....	Columbus
Michael Joseph Nathan.....	Columbus
Richard John Nelson.....	Columbus
Larry Guy Newhouse.....	Columbus
James Shelby Nordholt, Jr.....	Tiffin
John Keller Norris.....	Grove City
Michael Joe Norris.....	Columbus
Stephen Charles North.....	Lancaster
Ronald Frederick Odell.....	Columbus
William Thomas O'Leary.....	Eaton
John Robert Ondick.....	Parma

William John O'Neil.....Delta
 Timothy Patrick O'Reilly.....Toledo
 Pamela Jane Oswalt.....Dayton
 David Lawrence Palisin.....Brooklyn
 John Victor Palmer.....Kettering
 Michael Dane Paris.....University Heights
 Daniel Lewis Patrick.....Columbus
 Frank Everett Peirsol.....Ostrander
 Alan Wayne Penick.....Willard
 Louis Keith Pettit.....Columbus
 Robin Eric Phelan.....Columbus
 Darrel Kay Phillips.....Huntsville
 Terry Lee Poling.....Wooster
 Harold Jack Pollov.....Cleveland Heights
 Richard Myron Polster.....University Heights
 William Charles Porter.....Steubenville
 Stephen Lewis Potter.....Williamsfield
 Jeffrey James Pound.....Columbus
 Stephen Hart Powell.....Dayton
 Carl Franklin Price.....Kenton
 Richard Joseph Rapacz.....Cleveland
 James Frederick Rapp.....Akron
 Russell Joseph Rauch.....Columbus
 Clifford Raymond Rayburn.....Lima
 Peter Leon Reiher.....St. Marys
 John Erni Remick.....Dayton
 Robert McCune Rex, Jr.....Columbus
 James Edwin Richards.....Dayton
 Virgil Robert Riemann.....Ottawa
 Martha Jane Rigelhaupt.....Beachwood
 Donald Mark Robbins.....Columbus
 William Read Roles.....Worthington
 Richard Howard Ronneberg.....Urbana
 Albert Jules Rosenthal, Jr.....Augusta, Ga.
 Milton Fred Rosenthal.....Rochester, N. Y.
 Wayne Richard Rothman.....Cleveland Heights
 Thomas Lee Routson.....Troy
 William Arch Rutherford.....Columbus
 Donald Perry Rylands.....Akron
 Hiram Augustus Sadler.....Steubenville
 Francis Oliver Santarelli (cum laude).....Canton
 John Chester Scheel.....North Olmsted
 Donald Allen Schmiedt.....Cleveland
 Paul Lorin Schwebel.....Youngstown
 Kenneth Robert Selig.....Berea
 William Earl Shaw, Jr.....Fairfield
 William Joseph Sinnes, Jr.....Homestead AFB, Fla.
 Sharon Louise Slabaugh.....Columbus
 Ronald Craig Sloter.....Columbus
 Douglas Alan Smith.....Canton
 James Milton Smith.....Chillicothe
 Lamar Earl Smith.....Xenia
 Richard Keith Smith, Jr.....Columbus
 Edgar Morris Sneed, Jr.....Columbus
 Martin Gerald Solomon.....Youngstown
 Ronald Leslie Solove.....Columbus
 Norman Paul Solze.....Green Springs
 Gerald Spero.....Cleveland Heights
 Thomas Michael Sposito.....Mansfield
 Alexander Paul Squillace.....Columbus
 Richard Lee Starkey.....Fowler, Ind.
 Richard Sidney Steele.....University Heights
 Craig Allen Stephens.....Canton
 Richard B. Stinson.....New Holland

Johnny Andon Stoycheff.....	Ostrander
Paul Francis Stroh.....	Erie, Pa.
Grace Lillian Stropkey.....	Painesville
Robert Lee Szabo.....	Richmond Heights
Chester Frank Talarczyk.....	Parma
Cinda Lou Teeple.....	Canton
Paul Lewis Theado.....	Columbus
William Conner Timmermeister.....	Lima
Jerry Allen Tischer.....	Galion
James Madison Tolliver.....	Columbus
Paul Green Tomlinson.....	Cincinnati
Alexander Terrence Treneff.....	Newark
Heber Warren Ullman, Jr.....	Beverly
Richard Steven Vogel.....	Syosset, N. Y.
Donald Jerome Voth.....	Rocky River
Stephen Greer Waidelich.....	Columbus
Richard Kirk Wallace.....	Mt. Sterling
Richard Timothy Walsh, Jr.....	Coshocton
Dwight Charles Washburn.....	Kenton
Henri Julien Watson.....	Hato Rey, Puerto Rico
Craig Ritchie Waugh III.....	Wellsburg, W. Va.
Murray Allan Weisberg.....	University Heights
Jerry W. Wells.....	Orrville
Jon Ralph Welton.....	Damariscotta, Me.
Jay Eliot Wernick.....	Fostoria
Sheridan Justus West II (cum laude).....	San Jose, Calif.
Daniel John Westerbeck.....	Cincinnati
Michael Thomas Whitehead.....	Columbus
Robert Gene Whitman (cum laude).....	Lodi
Alan Neal Whittle.....	Fairborn
Daniel Lee Wilhelm.....	Leipsic
John Allan Williams.....	Bellevue
Charles Edgar Williamson.....	Roseville
Paul Tek-Shing Yin.....	Hong Kong, China
Dwight Jay Yoder.....	Toledo
Jerry Lee Yoder.....	Marysville
Richard Lauren Younkman.....	Columbus
Antal Zaborszki.....	North Olmsted
Ronald Eugene Zajack.....	Mansfield
Arnold Jay Ziegel (with Distinction in Economics).....	Cleveland Heights
Klaus Michael Ziermaier.....	Columbus

(Two hundred and eighty-eight candidates)

School of Social Work

Bachelor of Science in Social Welfare

Linda Lou Ballard.....	Delaware
Diane Elaine Bonar.....	Mansfield
Robyn Vance Bowman.....	Lebanon
Sue Anne Brigham.....	Columbus
Lynn Ellen Brog.....	Union, N. J.
Jean Burgett Burr.....	Columbus
Carl Howard Clymer.....	Barberton
Patricia Ann Eber.....	Cincinnati
Alan Seth Engel.....	Youngstown
Diane Lynn Evans.....	Columbus
Michael Gregg Ewing.....	North Canton
Kathleen Mary Grant.....	Strongsville
Darlene Hoskins.....	Dayton
Sandra Isome.....	Cincinnati
Lynn Joy Jaffe.....	Forest Hills, N. Y.
Mary Kay Jonasen.....	Toledo

Patricia Griffin Kiewit.....Columbus
 Mary Battrell Lorimer (cum laude).....Columbus
 Patricia Ann MacWood.....Columbus
 Joyce Ellen Margulis.....Columbus
 Sheila Ann Moncure.....White Plains, N. Y.
 Ellen Harriet Moss.....Newark, N. J.
 Susan Alyse Oliver.....Cincinnati
 Charles Kenneth Olson.....Columbus
 Barbara Kay Peat.....Milan
 Susan Dietz Reineck.....Wooster
 Claudia Nadine Reynolds.....Cuyahoga Falls
 Gloria Ann Rosenberg.....Lexington, Ky.
 Elizabeth Ann Schwab.....Cincinnati
 Barbara Ellen Segal (cum laude).....University Heights
 Bonnie Faye Seskin.....Shaker Heights
 Bernadette Therese Sever.....Delphos
 Sandra Kay Shrider.....Columbus
 Dorian Marie Siebenthaler.....Cincinnati
 Sheila Claire Silber.....Youngstown
 Diana Lee Silverman.....Beachwood
 Rebecca Sue Smith.....Worthington
 Sally Elizabeth Trier.....North Canton
 Janet Rowe Walker.....Columbus
 Christine Luba Zownirowycz.....Rochester, N. Y.

(Forty candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

William Daniel Alder III.....	Columbus
C. Gale Alderman, B.S. (Florida Southern College, Lakeland).....	Geneva
Douglas D. Almoney (summa cum laude).....	Dayton
Michael Charles Alpern.....	East Liverpool
Sandee Alan Alpern, B.A.....	Dayton
Frederic Howard Arnold.....	Cincinnati
Samuel Arnold, A.B. (University of Cincinnati).....	Cincinnati
James Frederick Beatty, B.S. (Ohio University).....	Urbana
Richard William Beckman.....	Newark
James Arthur Behrends, B.S. (University of Dayton).....	Hobart, Ind.
Joseph Stephen Belichick, B.S. (Ohio University).....	Struthers
Clyde William Berry II, B.Sc.....	Wapakoneta
John Edward Berry.....	Lakewood
Anthony John Biggio, A.B. (Denison University).....	Steubenville
Stephen Andrew Billy.....	Barberton
Olga Stojadinovic Bojanic, Doctor of Stomatology (University of Belgrade).....	Columbus
Jack Thomas Boyd, B.S. (Hillsdale College).....	Sylvania
William Anthony Brady III, B.S. (Wilmington College).....	Cincinnati
Ronald Wesley Brown.....	Cincinnati
Richard Alden Byrom, Jr.....	Chesterland
James Venton Carpenter.....	Bridgeport
Kenneth Paul Coffae.....	Marion
Roger Louis Colebrook.....	Maple Heights
Patricia Lamnek Conrad, B.Sc.....	Mansfield
John Mackenzie Crabill, B.Sc.....	Springfield
Frank Joseph Crocco.....	Cleveland
Walter Gene Crooks, B.Sc. in Edu.....	Middleport
William Anthony Cruce, Jr., B.Sc. (cum laude).....	Akron
Martin Lester Curtis, B.A. (Ohio Wesleyan University).....	New Concord
David Clark Davis, A.B. (Western Reserve University).....	Lancaster
Peter John DiSalvo.....	Kettering
Thomas Judson Doench.....	Kettering
Leonard Kenneth Ebel, B.Sc. in Edu.....	New London
John Clifford Eckman.....	Milford
John Collins Epstein.....	Akron
Jeffry Elmer Fagerstrom (cum laude).....	Ashtabula
David Lee Fields, B.S. (Capital University).....	Sidney
Steven Alan Fine.....	Akron
Barton Elliott Fogel.....	Cincinnati
Harrison Douglas Fortney.....	West Liberty
Robert Louis Fredericks, B.Sc.....	Cleveland
Thomas J. Gallaway.....	Archbold
Gregory Ronald Gillen.....	Portsmouth
David Colin Hall.....	Kettering
Robert Arthur Hamann.....	Loveland
Theodore Robert Harless, B.B.A. (University of Cincinnati).....	Worthington
Ned Allen Herrington.....	Kettering
Paul Phillip Hollendoner, B.A. in Ed. (University of Akron).....	Akron
Thomas Blair Holloway.....	Chesapeake
John Andrew Hunter.....	Cuyahoga Falls
John Lewis Hyatt, B.S. (Baldwin-Wallace College).....	Lakewood
Victor Allan Ippolito, A.B. (Miami University).....	Shaker Heights
David Alexander Itkoff.....	Cincinnati
Thomas Wendelin Jendrisak, B.S. (University of Akron).....	Cuyahoga Falls
Roy Harry Johnson, B.A. (Beloit College).....	Mt. Gilead

John Edward Wolf (cum laude).....Reynoldsburg
 Eugene Franklin Woodard, A.B. (Ohio Northern University)..Jeromesville
 Samuel Amos Woodruff, Jr.....Worthington
 Robert Mark Yager, B.S. (Heidelberg College).....Tiffin

(One hundred and sixteen candidates)

Certificate of Graduate Dental Hygienist

Hazel Hanson Abend.....Marietta
 Carol Albritton.....Modesto, Calif.
 Susan Bazler Arlin.....Columbus
 † Lynn Marie Armstrong.....Cleveland Heights
 Barbara Paula Atkin.....Elyria
 Carol Saurborn Bennett.....Columbus
 Sandra Eileen Benson.....Parma
 Eileen Derr Bentz.....Columbus
 Grace Lee Blemler.....Canton
 † Janice Elizabeth Bolar.....Carroll
 Susan Irene Bush.....Dayton
 Diane Marie Butler.....Columbus
 † Annabelle Lee Clark.....Toledo
 Joanne Gail Coopersmith.....Columbus
 Barbara Jean Davis.....Kettering
 Mary Catherine Dobbs.....Norwalk
 Lynn Kathleen Dodson.....Lima
 Karen Jane Emmons.....Columbus
 Karen Naomi Factor.....Mt. Vernon
 † Madeline Elaine Fain.....Cleveland
 Marsha Helise Farron.....Cleveland
 Mary Elizabeth Flaiz.....Cleveland
 Carolyn Sue Foley.....Columbus
 Linda Kay Forsythe.....Waynesville
 Cheryl Ann Fox.....Mansfield
 Elaine Nancy Fricke.....Cincinnati
 Joyce Renee Garson.....Cleveland
 Ruth Ann Goller.....Ney
 Arleen Kee Hess.....Burton
 Penny Sue Higgins.....Willowick
 Andrea Lee Holden.....Cleveland
 Melinda Lee Holskey.....Gahanna
 Susan Joan Horns.....Dayton
 Jane Ellen Howard.....Lyndhurst
 Brooke Elizabeth Johnson.....Lebanon
 Mary Susan Jones.....Middletown
 Mary Anne Krieger.....Galion
 † Maribeth Lee Kunze.....Columbus
 Avril Virginia Laibe.....Columbus
 Linda Jane Leitnaker.....Lancaster
 Nancy Kay Levy.....Columbus
 † Wendy Lieberman.....Syracuse, N. Y.
 Mary Stephanie Manns.....Dublin
 Katherine Leatrice Mason.....Cuyahoga Falls
 Leslie Matthews.....Toledo
 Evelyn Anne McCall.....Middletown
 † Judith Lynne McFarland.....Ada
 Paula MariAnne Meek.....Hicksville
 Joanne Plecha Menard.....Dayton
 Susan Jannette Miser.....Berea
 Galen Keeler Morgan.....Newark
 Beverly Ann Neff.....Arcanum
 Sandra Elizabeth Paulus.....Columbus
 Marilyn Rumph Payne.....Cincinnati

† Degree and certificate

Nancy Jane Pifer.....	Mansfield
Karen Marie Purdy.....	Columbus
Sandra Kay Raley.....	Cincinnati
Suzanne Louise Rau.....	Columbus
Colette Kay Redd.....	Mt. Sterling
Barbara Samuel Schindler.....	Rocky River
Linda Jane Shaffer.....	Xenia
Edith Marie Shrum.....	Youngstown
Gayle Marie Smith.....	Wadsworth
Diane Lynne Stewart.....	Toledo
Janet Ilene Stinson.....	Granville
Susan Louise Thompson.....	Mansfield
Mary Lynn Trego.....	Grove City
Ann Rees Venzke.....	Columbus
†Bette Lynn Waldeck.....	Columbus
Kathleen Helen Wallace.....	Galion
Joyce Brugler Ward.....	Dayton
†Mary Alice Warnes.....	Ashland
Sara Jane Wellman.....	Geneva
Karen Marie Young.....	Dayton
Rebecca Nigh Young.....	Galion

(Seventy-five candidates)

† Degree and certificate

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Richard Gary Abend.....	Parma
Richard John Ackerman.....	Avon
Cheryl Kay Adair.....	Cuyahoga Falls
Albert Victor Adcock.....	Sandusky
Bonnie Carol Adelman.....	Cleveland
Joan Rae Adler.....	Great Neck, N. Y.
Judith Agee.....	Columbus
Ali Mohamed Ali.....	Khartoum, Sudan
Mary Ann Alba Alia.....	Saddle Brook, N. J.
Larry David Allen.....	Sidney
Carla Dee Allensworth.....	Amsterdam
Roger Stanley Altemus.....	Columbus
John Dale Amerman.....	St. Paris
Donald Richard Andrews.....	Columbus
Allan Warren Anthony.....	Bellevue
Karen Lee Antine.....	Euclid
Toni Marie Aquila.....	Powell
Cherry Roberta Arbuckle.....	Reynoldsburg
Ileane Roberts Areinstein.....	Elmira, N. Y.
Antoinette Artino.....	Cleveland
Laurel Ann Artress.....	Willoughby
Donald Joel Atkins.....	Cleveland
Virginia Ruth Audi.....	Zanesville
Ann Lynn Auxter.....	Lindsey
Bonnie Ann Ayars.....	Mechanicsburg
Daniel Reese Babka.....	Bedford Heights
Jill Marie Bailey (cum laude).....	Copley
Carol Luella Baker.....	Coshocton
Karen Cosens Baker.....	Columbus
Karen Kemery Baker.....	Columbus
Frances Kay Ballantyne.....	Perrysburg
*Carol Lynn Balthaser (summa cum laude).....	Columbus
John Walter Bania.....	Cleveland
Barbara Jane Banks.....	Canal Winchester
Elizabeth Jean Barber.....	Columbiana
Margaret Beth Barnett.....	Columbus
Rebecca Phillips Bateman.....	Lakewood
Mary McClure Bates.....	Columbus
Julia Becker Baughman.....	Cleveland
Nancy Ellen Beale.....	Sandusky
Janet Elaine Beals.....	Columbus
Donald Richard Beam.....	Parma Heights
Vondalene Rae Bear.....	New Philadelphia
Lois Ellen Beatenhead.....	Kimbolton
Judith Yeakle Beery.....	Columbus
Janice Bell.....	Cleveland
Nancy Kay Bell.....	Columbus
Lucy Miller Belt.....	Wadsworth
Phyllis Rae Benkel.....	Dayton
Douglas Alan Benson.....	Green Springs
James Edward Bentley.....	Blanchester
Phillip Edward Bentz.....	Lorain
Linda Kay Bergquist.....	Canton
Margaret Ann Berkenstock.....	Piqua
Sharon Ann Bernard.....	New Vienna
Lois Jean Berry.....	Columbus

* Two degrees

Stephan Edgar Berry.....	Cadiz
Melanie Lynn Besgrove.....	Milford Center
Zoriana Demczuk Besser.....	Cleveland
Diana Carol Bigelson.....	University Heights
William Joseph Billinghamurst.....	Avon
Andrea Jean Billy.....	Barberton
Martha Irene Bittner.....	Yellow Springs
Denise Galinkin Blank.....	West Caldwell, N. J.
Jane Ellen Blatt.....	Sandusky
Susan Bette Blonstein.....	Dayton
Esther Spain Blumberg.....	Cincinnati
Thomas Lee Boerger.....	Lima
Judith Elizabeth Bogler (cum laude).....	University City, Mo.
Victoria Anne Borglin (cum laude).....	Sylvania
Gerald Arthur Boughton.....	Akron
Beverly Jean Boyd.....	Elyria
Thomas Scott Boyd, Jr., B.A. (Washington and Jefferson College)	Midland, Pa.
Alice Elizabeth Bracht (summa cum laude).....	Akron
David Neill Bracy.....	Pandora
Sally Lucille Braegger.....	Elyria
Carol Stutzman Bragga.....	Jefferson
Laurence Gene Bragga.....	Ashtabula
William Edward Brant.....	Columbus
Eileen Beryl Brewster.....	Cincinnati
Karen Ann Brinkman.....	Bucyrus
Claire Louise Broerman.....	Dayton
William James Bromley.....	Rocky River
Suzanne Ashley Brooks.....	Canton
Diane Foster Brown.....	Massillon
Lauren Sue Brown.....	Euclid
Linda Jane Brown.....	Marion
Mary Kathleen Brown (cum laude).....	Continental
Roberta Margaret Brucker.....	Wakeman
William Allen Bruner.....	Columbus
*Herbert James Bryan.....	McComb
Suzanne Bryant.....	Pittsburgh, Pa.
Jane Sue Buckloh.....	Coldwater
Judith Elaine Buffer.....	Hamilton
Mary Willett Bukey.....	Columbus
Joy Marie Bullock.....	Columbus
Judith Rae Bunkin.....	Shaker Heights
Katrinka Kay Burch.....	Newark
Betty Louise Burg.....	Akron
Michael Lynn Burgess.....	Columbus
Elaine Ruth Burke.....	Toledo
Michael Collins Burnett.....	Columbus
Susan Jean Burr.....	Leavittsburg
Forrest Wilfred Burt.....	Burton
Patricia Jean Caccamo.....	Cuyahoga Falls
Priscilla Scott Cady (summa cum laude).....	Columbus
Constance Sue Calebaugh.....	Williamsburg
Marilyn Anne Callahan.....	Thornville
Susan Esta Caller.....	Knoxville, Tenn.
Richard Irving Canfield.....	Columbus
Virginia Louise Caplinger.....	Seaman
*Alan Robert Carroll.....	Cincinnati
Susan Beam Carter.....	Sabina
Thomas Lyn Cash, B.A. (Earlham College) (cum laude).....	Hebron
Deborah Anne Castle.....	Hinsdale, Ill.
Robert Michael Casto.....	Columbus
Christine Therese Cermak (cum laude).....	Willowick

* Two degrees

Anthony Joseph Cerreta, B.A..... New Rochelle, N. Y.
 Diane Lou Chase..... Columbus
 Susan Chase..... Yonkers, N. Y.
 Harriet Chernin..... Teaneck, N. J.
 Judy Fay Chotiner..... Aliquippa, Pa.
 Jane Brown Clark..... Columbus
 Ruth Ann Clark..... Tiffin
 Martha Alice Clellan..... Columbus
 Michael Lee Close..... Columbus
 Linda Ellen Cohen..... Akron
 Ronna Merle Cohn..... Chicago, Ill.
 Barbara Lois Cole..... South Euclid
 Sara Sue Coleman..... Columbus
 Jerrold Michael Collins..... Willoughby
 Jane Eileen Collis..... Rockford, Mich.
 David Elroy Confer..... Springfield
 Billy Dean Conley..... Gallipolis
 Cathleen Marie Conrad..... Broadview Heights
 Sue Kohler Conrad..... Columbus
 Janet Ellen Cook..... Akron
 Susan Lee Cook..... Cleveland
 Alfred Lynwood Cooke..... Martinsville, Va.
 Susan Lynne Cooper..... Akron
 Janice Lynne Copeland..... Cuyahoga Falls
 Deborah Gaye Corthell..... Port Clinton
 Constance Kay Coven..... Valley Stream, N. Y.
 Kristine Hershberger Coyne..... Navarre
 Bonnie Sue Cross..... Cincinnati
 Cheryl Lynn Cullen (cum laude)..... Lexington
 Diane Sue Cullen..... Canal Fulton
 Cynthia Louise Cupp..... Pandora
 Bette Lou Daily..... Warren
 Margherita C. Dallas..... Columbus
 Marjorie Dorn Daniels..... South Saloon
 Shirley Roberts Davidson (cum laude)..... Mansfield
 Dan Michael Davis..... Cincinnati
 Karen Sue Davis..... Columbus
 Barbara Walcott Denner..... Columbus
 Janet Lynn Dennison..... Columbus
 Dianne Dolores Denoto..... Brooklyn
 Phyllis Jean DeRose..... Cincinnati
 JoAnn Dethloff..... Columbus
 Diane Kay Dick..... Circleville
 Roger Maurice Dickey..... Columbus
 Phyllis Lea Didlick..... Columbus
 Paulette DiLeone..... Cleveland Heights
 Daniel Dee Dillon..... Springfield
 Carolyn McAdoo Dina..... Warren
 Delena Pigg Doan..... Columbus
 Marcia Louise Dodds..... Wintersville
 Victor Eugene Dodds..... Bellefontaine
 Carol Anne Dolby (cum laude)..... Columbus
 Alter William Doll..... Cincinnati
 Susan Jane Donald..... Mansfield
 Ralph Kenneth Doughty..... Columbus
 Rosie Nucklos Doughty..... Canton
 Jane Rae Douglass..... Lakeside
 Barbara Jean Driver..... Toledo
 Claudia Andrews Duerr..... Baltic
 Raymond Eugene Dusenbury..... Westerville
 Valdene Lyn Dworkin (summa cum laude)..... Akron
 Teri-Ann Eakins..... Cincinnati

*Linda Woodrow Eastlake (summa cum laude)	Mentor
Joyce Faye Eddings	Dayton
Kenen Moody Edgington	Blanchester
Karen Ann Edmonds	Columbus
Margaret Ann Ehrensberger	Dayton
Larry Clyde Eicher	Sidney
Karen Keller Eisman	Shaker Heights
Ann D. Eisner	Steubenville
John William Elicker	Marion
Lawrence Thomas Elliott, B.S. in Bus. (Indiana University)	Bremen
Marilyn Sue Ely	Columbus
Richard Ivan Erbaugh	Miamisburg
Janet Showalter Erwin	Birmingham, Ala.
Leslie Lynne Erwine	East Liverpool
Daniel J. Evans	Oak Hill
Barbara Ann Everett	Columbus
Darryl Wayne Everett	Salem
Carolyn Jean Fahrback	Columbus
Linda Iannarino Fairchild	Columbus
Jeannie Ellen Farrell	Columbus
Elayne Karen Feldman	Miami, Fla.
Eleanor Poteet Feltz	Columbus
Nancy Lee Fenton	Youngstown
Dianne Ruth Ferguson	Marion
Sue Lamb Ferrier	Toledo
John Michael Fill	Brecksville
Sheryl Diane Finn	Akron
Barbara Lee Fischer	Brooklyn, N. Y.
Marjorie Pearlene Fitz	Philo
Norma Lois Flate	Cleveland Heights
Sheila Ann Flowers	Columbus
Mary Ellen Forrester	Columbus
Carla Diane Forsberg	Troy
Karen Kay Fosnaught	Mt. Vernon
Diana Kay Foster	Coshocton
Rose Ann Franck	Bay Village
Mina Ann Franklin	Toledo
Judith Kay Freeman	Belmont
Herman Elwood Fresh, Jr.	Columbus
Arinda Lois Fry	Bellville
Kenneth Woodrow Gabel	Neffs
Sandra Eshbaugh Gaines	Dayton
Brenda Joyce Garber (cum laude)	Greenville, S. C.
*Timothy Moore Garner	Chagrin Falls
Janet Irene Garrett	Eaton
Norman Henry Gary	Delaware
Carolyn Kay Gatchell	Greenville
Janice Kay Gathercole	Euclid
Rebecca Lynn Gebhardt	Milford
Susan Rae Gelber	Knoxville, Tenn.
Edith Gorsuch George	Columbus
Judith Ann Giehl	Columbus
Jon Keith Gilbert	Dayton
Marian Frances Gilfilen	Coshocton
Ann Leslie Gilmore	Beachwood
Herbert Paul Gindy	Cleveland
Roberta Jane Good	Circleville
Sally Lynn Good	Fostoria
Susan Lee Goodwin	Akron
Joseph Henry Gorse III	Warren
Carolyn Sue Graeter	Trotwood
James Lowell Graham	Lima

* Two degrees

Ellen Sue Grant.....Cleveland Heights
 Marcia Lisabeth Graves (summa cum laude).....Columbus
 Ellen Esther Greenbaum.....Beachwood
 David Ralph Greer (cum laude).....Danville
 Roselyn Elaine Griest.....Springfield
 Barbara Deems Grogg (cum laude).....Galion
 Rosemary Elaine Grooms.....Columbus
 Kandee Sue Grossman.....Upper Sandusky
 Susan Rose Grossman (cum laude).....New York, N. Y.
 Peggy Ann Gruber.....Marion
 Susan Lynne Gugler.....Columbus
 Sara Jane Guins.....Olmsted Falls
 Barbara Charlotte Hacker.....East Liverpool
 David Joseph Haldeman.....Caledonia
 William Paul Halley.....Columbus
 Mary Dianne Hallows.....Bay Village
 Barbara Jean Hamilton.....Columbus
 Susan Whittington Handel.....Frazeyburg
 Sharon Kay Hankinson.....Newark
 Susan Beth Hansen.....Cuyahoga Falls
 John Samuel Harbaugh, B.E.E.....Ashland
 Kathryn Converse Harbaugh (cum laude).....Canton
 Donald Charles Harrold.....East Palestine
 Linda Hartlerode.....Columbus
 Eric Weir Hartman.....Columbus
 Judith Ann Hartman.....Vermilion
 Judith Kay Hartwig.....Columbus
 Robbin Korchmar Hastie.....Cincinnati
 Susan Clara Hawkins.....Springfield
 Nancy Ramona Hawthorne.....Blanchester
 Donna Orlene Heinrich.....Euclid
 Mary Ann Heller.....Anderson, Ind.
 Maryjane Henderson.....Cincinnati
 Sally Suzan Henderson.....Mansfield
 Elizabeth Ann Hennessy.....Dayton
 Mary Elizabeth Hennigan.....London
 Wendy Sue Herman.....Toledo
 Lenore Ruth Herskovitz.....Shaker Heights
 Donna McCormick Hetzel.....Marysville
 Martha Louise Hieatt.....Dayton
 Joyce Ann Hinton.....Milford Center
 Carol Sue Hirsch.....University Heights
 Ellin Rosenthal Hirsch.....Columbus
 Lynne Elizabeth Hobstetter.....Columbus
 Susan Kay Hoffines.....Circleville
 Edwina Kay Hofstetter.....Chardon
 Charles William Hoisington, Jr.....Columbus
 William Edward Holmes, B.A.....Warren
 Barbara Lynne Hooker.....Columbus
 Donna Marie Horton.....Columbus
 Maureen Ellen Hosier.....Cuyahoga Falls
 Carol Jean Hosmer.....Bay Village
 Susan Elaine Hover.....Waynesfield
 Larry Gene Howes.....Akron
 Clara Pinney Howiler.....Columbus
 Gary Philip Hrusch.....Columbia Station
 Gwenyth Jill Hudnall.....Columbus
 Gerald Paul Hudson.....Columbus
 Larry Lee Huebner.....Wapakoneta
 Susan Jane Huff.....Vandalia
 Janette Eileen Humbert.....Fayette
 Judith Alice Hunt.....Downers Grove, Ill.
 Susan Jane Insley.....Bellefontaine

Cheryl Anne Irwin..... Columbus
 Roberta Lorber Itkoff..... Cleveland Heights
 Mary Elizabeth Jacobs..... Lakewood
 Edward Joseph Jakubs..... South Euclid
 Diane Jenner..... Marion
 Linda Lee Jensen..... Manhasset, N. Y.
 Bertina Craft Johnson..... Columbus
 Helen Jane Johnson..... Columbus
 Linda Lee Johnson..... Findlay
 Margaret Jane Johnson..... Lyndhurst
 Sharon Anne Johnson..... Hilliard
 Susan Marie Johnson..... East Hartford, Conn.
 Janet Elaine Jolley..... Lima
 Jerry Ann Jones..... Columbus
 Mary Anyce Jones..... Columbus
 Iree Edythe Kalick..... University Heights
 Marilyn Kallman (cum laude)..... Columbus
 Toni Cheryl Kaplan..... Cleveland
 Karen Dee Kaplon..... Woodmere, N. Y.
 Patricia Dee Karol..... Chicago, Ill.
 Beverly Ann Kaufman..... Columbus
 Marvin Bernard Kaye..... Bayside, N. Y.
 Diana Reid Kearns..... Port Washington, N. Y.
 Kathleen Elizabeth Keithman..... Grove City
 Jean Ellen Kemerer..... Hicksville
 Lois Eileen Kenney..... Dayton
 Sandra Jean Kesler..... Creve Coeur, Mo.
 Ellen Lou Keyse..... Bucyrus
 Nancy Jane Kilbourn..... Columbus
 Carole Ann King..... Mercer, Pa.
 Craig C. King..... Prospect
 Karen Lee King..... Mansfield
 Theresa Marie King..... Fairview Park
 Carolyn Jane Kinsey..... Farmersville
 Walter Lawrence Kinsey, Jr..... Uhrichsville
 Janet Louise Kitzler..... Urbana
 Keith Ray Kivlin..... Columbus
 Carol Elaine Klebaum..... Canton
 Lois Kleiber..... Plain City
 Lesley Anne Kline..... Syracuse, N. Y.
 Karolyn Andrea Kloss..... Worthington
 Patricia Amy Knaup..... Springfield
 Antoinette Marie Kolasinski..... Medina
 Susan Davida Kottler..... Cleveland Heights
 Barbara Jeanne Krasnow..... University Heights
 Carolyn Elaine Krauss..... Knoxville, Tenn.
 Elizabeth Ann Sunday Kreis..... Toledo
 Roberta Slack Krock (cum laude)..... Marion
 Kathleen Wiget Kruedelbach..... Wilmington
 Paula Marie Krupko (summa cum laude)..... McDonald
 *Helen Zwenyslana Kryshталowych..... Cleveland
 Virginia Anne Kunert..... Mansfield
 Julie Anne Kunkle..... Fayette
 Barbara Jane Laird..... London
 Judith Gay Laitinen..... Jefferson
 *Louis Francis Lamatrice..... Steubenville
 Sharon Jean Landes..... New Philadelphia
 Sara Jane Landon..... Chardon
 Cheryl Diane Lane..... Shaker Heights
 Frances Mary Lang..... Dayton
 Ronald Otto Lang..... Sylvania
 Esther Banta Larson..... Lebanon

* Two degrees

James Albert Larson.....	Lebanon
Gregory Samuel Lashutka.....	Cleveland
Mariene Dorothy Lasik.....	Cleveland
Elizabeth Ann Laube.....	Cleveland
Genny Lee Laughlin.....	Columbus
Karen Lee Lavine.....	Sandusky
Richard Jeffrey Lear.....	Alliance
Gloria Cohagen Leedle.....	Springfield
Veronica Ann Legan.....	Bratenahl
*Diane Lynne Lenart.....	Rock Creek
David Gordon Less.....	Toledo
Ruth Elinore Lessam.....	University Heights
Lea Levi.....	Long Beach, N. Y.
Carol Penny Levy.....	Columbus
Mary Roberta Lewis.....	Columbus
Patricia Ann Lewis.....	Thornville
Karen Jones Lightfoot.....	Akron
Carol Ann Thomas Lindenhall.....	Springfield
Mary Katherine Lippert.....	Columbus
Patrick Jay Logan.....	Willoughby
William Shelley Longwell.....	Shaker Heights
Virginia Aileen Lorenzen.....	Perrysburg
Renee Delzeith Losh.....	Dayton
Edith Lowery Love.....	Elyria
Amos John Loveday, Jr.....	Woodsfield
Donald James Loveman.....	Medina
Gerald Denver Lowry, Jr.....	Columbus
James Joseph Luellen.....	Columbus
Iris Michelle Lych.....	Shaker Heights
Catherine Ann Lynch.....	Kettering
Terry Ann Mack.....	Port Clinton
Lorna Lynn Mackey.....	Lakewood
Kenneth Doty Maier.....	Cambridge
*Marlene Penny Manes.....	Akron
Sharon Ann Mapes.....	Unionville Center
Lyn Ann Marbaugh (cum laude).....	Willshire
Marcy Gail Markell (cum laude).....	South Euclid
*Robert Dean Markey.....	Carroll
Joan Martin.....	Colorado Springs, Colo.
Joyce Anne Martin.....	Cincinnati
Rebecca Lynn Martin.....	Millersburg
Donna Heimberger Martinelli.....	Loudonville
Susan Christiane Marzolo.....	Parma
Beverly Elizabeth Maxim.....	Cleveland
Marilyn Jeanne McDowell.....	Mt. Vernon
Patrick Dale McFadden.....	Wellington
Timothy Allen McGuire.....	Columbus
James Edwin McIlvain, B.A.....	Westlake
Donna Gail McKeehen.....	Groveport
Michael Robert McKeehen.....	Groveport
Janet Lynn McMahon.....	Marion
Myrtle Radler Mehl.....	Columbus
Nancy Jo Lentz Meister.....	Neapolis
Alan Leslie Melamed.....	Shaker Heights
Carol Gething Mentzer.....	Youngstown
Herbert Harold Meyer.....	Malinta
Mary Pyles Meyer.....	Dayton
Susan Thompson Michael.....	Columbus
Mary Michaelson.....	Dayton
Carolyn Susan Miller.....	White Plains, N. Y.
Gary Alan Miller.....	Bellvue
Lawrence Myron Mock.....	Columbus

* Two degrees

Sarah Elisabeth Morgan.....	Athens
Kay Frances Morrison.....	Wadsworth
Marolyn Jean Morton.....	Berea
Carol Ann Moss.....	Cleveland Heights
Karen Sue Moss.....	Cambridge
David Lee Mossbarger.....	Frankfort
Michele Anne Mossholder.....	Newark
Dorothy Ellen Mowery.....	Gahanna
*Harriet Kathrins Moye.....	Shaker Heights
John Walter Munson.....	New Carlisle
Elaine Rachelle Nebel.....	South Euclid
Verleen Weltha Neer.....	Lima
George Foley Nekervis.....	Columbus
Carolyn Sue Nesbitt.....	Cuyahoga Falls
David Aaron Nicely.....	Bellevue
Nancy Joy Noecker.....	Ashville
Marcia Lee Nourot.....	Whitehall
Ralph John Nowakowski.....	Cleveland
Marjorie Jane Nusbaum.....	Lima
Mary Kathryn Nyland.....	Ashtabula
Gail Louise Ober.....	Mentor
Diane Marie O'Donnell.....	Columbus
Marcia Ann O'Donnell.....	Fairview Park
Patricia V. O'Harra.....	Columbus
Sharon Ann Olds.....	Cleveland
Gary Lambert Ott.....	Cleveland
Annette Katz Paine.....	Columbus
Earl Eric Lee Palmer.....	Cleveland
Sara Elizabeth Palmer.....	Fairborn
John Paul Palumbo.....	Maple Heights
Margaret Ann Patterson.....	Jewett
Robert Dale Patterson, Jr.....	Ludlow Falls
George Edgar Pattison.....	Columbus
Michael Gerald Patton.....	Lakewood
Robert Francis Paugh.....	Youngstown
Margaret Ann Paulson.....	Newark
Susannah Newman Payton.....	Scarsdale, N. Y.
Steve Burnett Peebles.....	Sugar Grove
Vernon Edward Perry.....	Xenia
Lynnda Lou Pierce.....	Coshocton
Ronnee Joy Pike.....	Pompton Lakes, N. J.
Shellah Ellen Piltz.....	Newark, N. J.
Netta Kay Pittenger.....	Lexington
Alan Louis Pleasnick.....	Norwalk
*Christine Lydia Potichny.....	Parma
Regina Mae Potnick.....	Lansing
Martha McSweeney Powell (cum laude).....	Columbus
Nina Sharon Preiss.....	Bronxville, N. Y.
Kathryn Jean Press (cum laude).....	Park Ridge, Ill.
Nancy Ann Preston.....	Toledo
Katherine Stout Price.....	Columbus
Penny Anne Price.....	Rocky River
Barbara Ward Prince.....	Urbana
Sally Rees Pugh.....	Columbus
Toni Lee Raines.....	Kettering
Nancy Ann Rakas.....	Euclid
Kathy Lou Ramey.....	Columbus
Sue Smith Ramos.....	Paulding
Rita Jean Rausch.....	Woodsfield
Marilyn Sue Rauth.....	Ashland
Diane Carol Reed.....	Rochester, N. Y.
Robert Bruce Reed.....	Brooklyn
Lynn Meredith Reichelderfer.....	Circleville

* Two degrees

Mary Anne Reid.....	Lancaster
Rachel Young Reinhard.....	Columbus
Janet Ellen Reiland.....	Fostoria
Laurie Jane Reisman.....	Bayside, N. Y.
David Leroy Rice.....	Marion
Ellen Barbara Rich.....	New Philadelphia
Anna Mae Riddlebarger.....	Columbus
Katherine Drew Riechard.....	Troy, Mo.
Judy Ann Riley.....	Newark
David Lee Ring.....	Georgetown
Joan Nathanson Rivitz.....	Shaker Heights
Charlotte Elizabeth Roberts.....	Columbus
Larry Martin Roberts.....	Thornville
Robert Joe Robinson.....	Leipsic
Diana B. Rogers.....	Bayside, N. Y.
Joy Jeanne Roman.....	Parma Heights
Lucille Ann Roman.....	Cleveland
Mary Estill Martin Rose, B.A. (Agnes Scott College, Georgia)...	Columbus
Lynn Diane Rosen.....	Cincinnati
Barbara Jo Rosenfeld.....	Cleveland
Carol Boehme Rossetti, B.A.....	Lakewood
Rebecca Ellen Rowe.....	Greenfield
Barbara Gross Rucket.....	Columbus
Arthur Eugene Rush.....	Bucyrus
Karen Ann Russell.....	Columbus
Thomas Joseph Sacco.....	Woodside, N. Y.
Richard Walter St. Pierre (cum laude).....	Dayton
John Paul Sajovec.....	Cleveland
Allen James Sanderson.....	Cleveland
Charlene Marie SanFilippo.....	Shaker Heights
Susan Hutchinson Sansom.....	Columbus
Vivian Joann Rini Satava.....	Worthington
Toni Anne Schaffer (cum laude).....	Granville
Daryl Susan Schatz.....	Highland Park, Ill.
George Irvin Scheeler.....	Chillicothe
Arlene Kay Schick (summa cum laude).....	Columbus
Joyce Eileen Schifer.....	Bucyrus
*Connie Cay Schlegel.....	Holmesville
Nancy Lynne Schmalenberger (cum laude).....	Dayton
Arline Gita Schnee.....	Flushing, N. Y.
Billie Joy Schneider.....	Chesapeake
Kathleen Elizabeth Scholl.....	Franklin
Linda Margaret Scholl.....	Cincinnati
Larry Roy Schollenberger.....	Centerville
Donald Lewis Schrock.....	Columbus
Mary Kay Schultz.....	Wilmington
Diana Mizer Schwab.....	Grove City
Susan Helen Schwartz.....	South Euclid
Renee Adrienne Schwarz.....	Cleveland Heights
Charlene Marie Scott (cum laude).....	Newbury
Michael Lynn Seewer.....	Fairborn
Lois Marsha Seld.....	Utica, N. Y.
Steven Myers Shellabarger.....	Dayton
Victoria Gasuras Sherer.....	Bucyrus
Mary Stamper Sheward.....	Columbus
Karen Jean Shimansky.....	Nutley, N. J.
Joyce Helene Shur, B.A.....	Cleveland
Eleanor Ann Siegel.....	St. Louis, Mo.
Harry Steven Siegfried.....	Westerville
Kathleen Courtright Siegfried.....	Ashville
Jane Lynn Silverman.....	Washington, D. C.
Judith Baker Sims.....	Lancaster

* Two degrees

Sharon Leah Sims.....	Columbus
Patricia Ann Sklarski.....	Parma
William Richard Smallwood.....	Londonderry
William Forest Smathers (cum laude).....	Columbus
Nancy Faulb Smatt.....	Shaker Heights
Alan King Smith.....	Columbus
Alice M. Smith.....	Columbus Grove
Brenda Charlene Smith.....	Laurelville
Gary Lee Smith.....	Chesterville
Linda Lee Smith.....	Avon
Ruth Ellen Smith.....	Bellefontaine
Sandra Lou Porter Smith (summa cum laude).....	Denver, Colo.
Sheila Sue Smith.....	Pittsburgh, Pa.
Felicia Cautela Smithey.....	Worthington
Jean Ann Smythe.....	Massillon
Linda Gale Snodgrass.....	Cincinnati
Roderick Vincent South.....	Reynoldsburg
Helen Sue Spike.....	Elyria
Louis James Spindler.....	Marietta
Sarah Jane Spoonhour.....	Dayton
Esther Melamed Spott.....	Cleveland
Park Wormald Stafford.....	Burton
Carole Morrow Stallings.....	Ashtabula
Robert Harold Stamps.....	Columbus
Bonnie Stevenson Starr.....	Springfield
Penny Kay Statzer.....	North Olmsted
Joyce Johns Stefancic.....	Wickliffe
Neil Bailey Steiger.....	Spencerville
Sanford Lynn Stein.....	Toledo
Marilyn Krill Steinberger.....	Cleveland
Lynn Joyce Stemple.....	Valley Stream, N. Y.
Stephanie Louise Stevenson.....	Pickerington
Charles Ellsworth Stock.....	Cleveland
*Hedwig Theresia Stocker.....	Columbus
Beverly Gordesky Stone.....	Akron
Joseph Stotski.....	Carnegie, Pa.
Susan Moore Strayer.....	Cincinnati
Nicola Vaughn Strunk.....	Columbus
Joyce Zeller Studebaker.....	Medway
Barbara Kay Sugaski.....	Wellington
Joyce Galay Sutherland.....	Canton
Susan Lynn Swank.....	Columbus
Mary Ellen Swanson.....	Akron
Robert Lynn Swedenborg (cum laude).....	Ashtabula
Karen Jeanette Taylor.....	Utica
Unice Henrietta Teasley.....	Middletown
Gayle Morris Tellis.....	Kettering
Gary Allen Tenney.....	Chester, Pa.
Judith Louise Tepper.....	Cleveland
Pauline Alfreda Testa.....	Steubenville
Melanie Ann Tharp.....	Columbus
Nancy Anne Thoman.....	Wauseon
Nancy Lou Thomas.....	Columbus
Gloria Bailey Thornburg.....	Marion
Gary Lee Tieben.....	Wapakoneta
Sharon Tedrick Tieben.....	Blanchester
Miriam Rowland Tommas.....	Bellevue
Linda Leatherman Torres.....	Lima
Jacqueline Lorenz Tracht.....	New Philadelphia
Robert Mario Trifiletti.....	Painesville
Sylvia Jean Tussing.....	Reynoldsburg
* Florence Frances Unetich (summa cum laude).....	Cleveland

• Two degrees

Rosemary Vacc.....Gates Mills
 James Edwin Van Arsdall.....East Grand Rapids, Mich.
 Linda Lee Van Develde.....Columbus
 Linda Jane Van Fossen.....Columbus
 Janet Lee Vanselow.....Medina
 John Carroll Vargo.....Martins Ferry
 Susan Mary Vassar.....Mansfield
 Ralph Ronald Verioti, B.Sc.....Jefferson
 Joanne Vermilya.....Clayton
 Susan Dicke Vogel.....New Bremen
Victoria Alice Vrana.....Berea
 Edward Earl Wachtel.....Monroeville
 William Edward Wagner.....Leipsic
 Carol Sue Christensen Wallace.....Worthington
 William Bruce Wallace, B.Sc. in Bus.Adm.....Columbus
 Barbara Shively Walls.....New Carlisle
 John Monroe Waring, Jr.....Granville
 Marna Lee Warner.....Kettering
 Arthur Herbert Wasserstrom.....Columbus
 Francine Roth Wasserstrom.....University Heights
 Michael Drew Watson.....Cambridge
 Jayne Kehrli Weagle.....Cleveland
 Linda Dale Wearley.....Toledo
 Judith Thompson Weaver.....West Milton
 Jacqueline Hope Orchard Weber.....Lima
 Geraldine Lois Webster.....Canal Winchester
 Tim Eugene Weidle.....Franklin
 Belinda Beth Weine.....Dayton
 Linda Lee Weinkle.....Miami, Fla.
 Sue Ann Weinland.....Centerville
 Madeline Weisz.....South Euclid
 Lynn Bourne Weitzner.....Cleveland
 Ellen Garrison Wells.....Mansfield
 Freda Marie Wells.....Columbus
 Robert Thomas Weltlich, Jr.....Orrville
 Phyllis Jean Wenger.....Marysville
 Barbara Davis Weprin.....Dayton
 Nancy Marie Weyrich.....Cincinnati
 Sharon Miller Whaley.....Columbus
 Paul Carlton Whitacre, Jr. (summa cum laude).....Morrow
 Emma Jean Dennis Whitcraft.....Columbus
 Beverly Ann White.....Springfield
 Nicki Rae White.....Alliance
 Janice Irene Whiteside.....Mansfield
 Carol Lynn Wiener.....Galion
 Genie Marie Wilch.....Kenton
 Ann Frances Williams.....Wilmington
 Anna Claffey Williams.....Columbus
 Betty Louise Williams.....Columbus
 Earlene Alexis Williams.....St. Clairsville
 Melissa Porter Wilson.....Steubenville
 Cherylyn Oliver Winland.....Pleasant City
 Michael Wayne Wisniewski.....Independence
 Donna Benjamin Wissbrun.....Bethel
 Kenneth Max Wissbrun.....Lyndhurst
 Virginia Ann Wisz.....Tiffin
 Marcia Lynn Woldman.....Kenmore, N. Y.
 Ray Martin Wolfe.....Mansfield
 Barbara May Wolf.....Shaker Heights
 Sharon Anne Wollam.....Hudson
 Christine Ann Worland.....Chicago, Ill.
 Deborah Lee Wrigley.....Columbus
 Terry Howard Yoakum.....Columbus

Susan Griswold Young.....	Canton
Susan Jean Young.....	Dayton
John Quentin Zeisler.....	Kettering
Stanley David Zell.....	Cleveland
Virginia King Zeuschner.....	Columbus
Edward James Zinkiewicz.....	Bradner
Donald John Zinn.....	Barberton

(Six hundred and eighty-five candidates)

Bachelor of Fine Arts

Jeanne Ann Barre.....	Worthington
Eric Bartelt.....	Cincinnati
Carole Ellen Becker.....	Port Clinton
Clifford Irving Dawson, B.Sc. in Edu.....	San Jose, Calif.
Joan Evelyn Greenfield.....	Columbus
Sonja Steen Hartwig.....	Columbus
Jane Lee Kerkering.....	Rockville, Md.
Larry Lee Kleinhenz.....	Dayton
Sharon Lee Korngut.....	Toledo
Patricia Lee Leifer.....	Warren
Pamela Lois Masters.....	Kent
Donna May McGrath.....	Columbus
Raymond Darrell McIntire.....	Marietta
Alice Jane McLaughlin.....	Worthington
Lynn Elizabeth Miller.....	Cincinnati
Margaret Backus Morris.....	Toledo
Bonnie Gail Perrett.....	Dayton
Vivien Faye Raunegger.....	Lyndhurst
Pamela Arlene Robinson.....	Columbus
James Francis Rudolph.....	Columbus
Steven Howard Scott.....	Columbus
*Stephen Sharr.....	Sistersville, W. Va.
James Norman Shinder.....	North Canton, Conn.
Alan Herman Somershoe.....	Dayton
Margaret Marcelle Sturman.....	Cleveland
Barbara Lynn Tapper.....	Columbus
Rita Hill Torlen.....	Columbus
Allan Edgar Weaver.....	Columbus
Beverly Lynn Wyatt.....	Cincinnati

(Twenty-nine candidates)

Bachelor of Music

*Herbert James Bryan.....	McComb
Qui Mie Chi.....	Seoul, Korea
Philip John Gaskill.....	Wichita, Kans.
Robert Gibson Gerster.....	Akron
John Richard Haefner.....	Bucyrus
Timothy John Minnis.....	Euclid
Marjorie Sue Spector.....	Sandusky

(Seven candidates)

* Two degrees

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Fred Leslie Adler.....	South Euclid
Jay Walter Bittner (cum laude).....	Painesville
Earl Wright Chambers.....	Columbus
Walter Russell Chapman, Jr.....	Erie, Pa.
Robert Elton Chidsey.....	Seville
Roderick Lee Cripe.....	Columbus
Robert William Culbertson, Jr.....	Zanesville
William Charles Davidson.....	Homeworth
John Frederick Dilley.....	Columbus
Charles Nelson Eastlake II.....	Cincinnati
Thomas Eric Frank.....	Grove City
George David Hay.....	Columbus
Peter Campbell Johnston.....	Canton
George Philip Joseph, Jr.....	Columbus
John Earl MacKenzie.....	Columbus
Ronald Yoder Mairs.....	Wooster
Leroy David Mann.....	Reynoldsburg
Michael Earnest Neer (cum laude).....	Columbus
Garland Sinclair Oates, Jr.....	Fayetteville, N. C.
Stephen Thomas Palovchik.....	New Albany, Ind.
Michael Paul Saba.....	Toledo
George James Schaefer.....	Bedford
Bruce Arden Schindler.....	Mansfield
Robert Alan Spofford.....	Bethel Park, Pa.
Charles Wayne Wilcoxon.....	Columbus
Richard Wayne Wires.....	Columbus
Ivan Elmer Woltmann.....	Marion

(Twenty-seven candidates)

Bachelor of Agricultural Engineering

James William Baron.....	Newark
John Carl Davidson.....	Sidney
Gary William Gilbert.....	Clyde
William Bernard Hussel.....	Cincinnati
William Orlando Stewart.....	Lockbourne
Louis Robert Thomas, Jr.....	London
John Edward Wilson.....	Mechanicsburg
David Leslie Wolf.....	Wadsworth

(Eight candidates)

Bachelor of Ceramic Engineering

Dennis Victor di Donato.....	Alliance
Robert Allan Hefin.....	Garfield Heights
Thomas Lee Heuerman.....	Swanton
John Frederick McGinnis.....	Zanesville
James Dipko Miessler.....	Berea
*Robert James Miller (summa cum laude).....	Uhrichsville
Robert Neil Nelson.....	Kettering
Samuel Firestone Reichert.....	Wooster
Robert Guy Smith.....	Lakewood

(Nine candidates)

* Two degrees

Bachelor of Chemical Engineering

Jephthah Anozie Abara.....	Owerri, East Nigeria
John Thomas Baker.....	Lorain
Arthur Dale Bare (cum laude).....	Nevada
John William Bradshaw.....	West Milton
William Patrick Burgess (summa cum laude).....	St. Albans, W. Va.
John Stephen Dorsey.....	Pittsburgh, Pa.
Charles Douglas Dunlap.....	Bowenston
Keith Alan Dunnigan.....	McDonald
John Price Fundersol, B.Sc.....	Ironton
Frank William Hauschildt, Jr.....	Bay Village
Dennis Wesley Hurley.....	Ellicott City, Md.
Graham Fishburne Painter, Jr., B.S. (Hampden-Sydney College, Virginia).....	Charleston, W. Va.
John Herbert Pitcher.....	Columbus
Bruce Earl Poling (cum laude).....	Marysville
Mark Shelton Prichard.....	Sylvania
Keith Alan Robinson.....	Westfield, N. J.
Anthony Santavicca.....	Willowick
Donald Ernest Saunders.....	Marietta
Bruce Ashley Van Boskirk.....	Hinsdale, Ill.
Peter Herbert Wendschuh (summa cum laude).....	Wadsworth
John Martin Yacher.....	Leetonia

(Twenty-one candidates)

Bachelor of Civil Engineering

Larry Lee Ayres.....	Willard
Edward Ian Crandall.....	Genoa
Walter Robert Davis.....	Alliance
John Ralph Douth.....	Dover
Robert Frederick Houk.....	Barberton
Glenn Gary Hughes.....	Worthington
Ronald Michael Jezerinac.....	Euclid
Donald Dale Meek.....	Bedford
Foster Leroy Moore.....	East Fultonham
Thomas Stephen Mundorff.....	North Canton
Michael Allen Northrup.....	Howell, Mich.
Charles William Rudy.....	Pemberton
Charles Edward Shute, Jr.....	Columbus
Hal LeRoy Stamm.....	Mantua
Clarence Randolph Strauch.....	Bucyrus
Theodore Joe Wilson, B.Sc. in Edu.....	Lancaster
Andris Zarins.....	Defiance
Michael Richard Zurich.....	Lorain

(Eighteen candidates)

Bachelor of Electrical Engineering

Ibrahim Yousuf Abdulrahim.....	Alkhobar, Saudi Arabia
Thomas William Bassett.....	Lodi
Robert Frederick Bovenizer.....	Cadiz
Hugh Russell Bundy.....	Toronto
William Edward Burr.....	Ft. Wayne, Ind.
John Allen Comfort, Jr.....	Elmira, N. Y.
Edward Paul Cornell.....	Shaker Heights
Richard Dean Dixon.....	Columbus
Stephen Michael Dobbins.....	Tonawanda, N. Y.
Richard Lynd Eppig.....	Cleveland
George Bernard Fryer.....	Washington C. H.
Larry James Hakes.....	Fostoria
Philip Harris Hart.....	Tallmadge

Erich Hittinger.....	Mansfield
Timothy Emil Hoberg.....	Batavia
Edgar Lee Howard.....	Newark
John Howard Jacobus, B.A. (Ohio Wesleyan University).....	Solon
Richard Lehmann Koerner.....	Dayton
Carl Dennis Landis.....	Newark
Thomas Matthew Leard.....	Columbus
Carl Allan Mentzer.....	Youngstown
David Glenn Morr.....	Ashland
John Wendell Oglesbee.....	Medina
Alan Richard Olhoeft.....	Akron
James William Rowe.....	Massillon
James Wilbur Rupnow (summa cum laude).....	North Olmsted
Robert Joseph Semons.....	Columbus
Harold Allan Simpson (cum laude).....	Alfred, N. Y.
Donald Eugene Smith.....	New Albany
Francis Lawrence Spanbauer.....	Salem
Robert Alan Sternberg.....	South Euclid
Edward Lee Sword, Jr.....	Washington C. H.
Craig Daniel Walrath.....	Ashtabula
Samuel Thomas Westbrook.....	Bedford

(Thirty-four candidates)

Bachelor of Industrial Engineering

David Howard Brunswick.....	South Euclid
David Lee Clark.....	Shelby
John Charles Ford.....	West Hempstead, N. Y.
Edward Thomas Gapinski.....	Cincinnati
William Rogers Goodman.....	Dayton
David Joseph Ishley.....	Wilkes-Barre, Pa.
John Louis Jerse.....	South Euclid
Donald John Jester.....	Columbus
William Gerald Kelly.....	Cleveland
Robert Allan Lauer.....	Poland
William Fred Luckerman.....	Cincinnati
Spencer Michael Nimberger.....	Maple Heights
Thad Roger Perry.....	Strongsville
Paul Richard Pohle.....	Columbus
John Jacob Rheinfrank III.....	Columbus
Sheldon Jay Richter.....	Toledo
Willard Francis Sander (cum laude).....	Cincinnati
James Textor Smith.....	Sandusky
Mark Allen Tepping.....	Dayton
Victor John Tomazic.....	Lorain
James Ventresca.....	Columbus
Gordon Malcolm Weagle.....	Cleveland
Richard Abbott Westerman.....	Columbus
John Paul Wilchek.....	Berea

(Twenty-four candidates)

Bachelor of Mechanical Engineering

Danton Bernard Abicht.....	Columbus
Charles Thomas Adams.....	Port Clinton
Irvin Arnold Anderson.....	Toledo
John Clinton Archer.....	Shadyside
John Richard Aue.....	Columbus
Ronald Lee Burton.....	Louisville, Ky.
David Lee Cahill.....	Columbus
Paul Nelson Carr.....	Fredonia, N. Y.
Joseph Daniel Challgren.....	Lyndhurst

Richard Cecil Croll, B.Sc. in Bus.Adm.....	Bowling Green
John Eric Doyle (summa cum laude).....	Berkeley, Calif.
Donald Roy Eidemiller.....	New Carlisle
Ralph William Emmons.....	Springfield
Robert Hugh Fries.....	Columbus
William James Head.....	Chardon
George Michael Herrington.....	Warren
John David Hogan.....	Newark
Charles Maurice Hohman.....	Newark
Ronald Louis Holtz.....	North Royalton
Thomas Richard Huber.....	Lima
Alan Robert Kemerer.....	Carrollton
Joseph Wilfred Kimmel (cum laude).....	Mansfield
Bruce Darryle Kotalik.....	Cleveland
Daniel Ray Levering.....	Mt. Vernon
Richard Dale Lighthiser.....	Dayton
Miles Edmond Loretta, Jr.....	Columbus
William Cassius Lyon.....	Columbus
Drew Daniel Marton.....	Warrensville Heights
Thomas James McCulloch.....	Columbus
Richard David Morris.....	Liverpool, N. Y.
Richard James Oleyar.....	Canton
Paul Stephen Olsen.....	Schenectady, N. Y.
Jerry Marsh Rainey.....	Columbus
John Lloyd Smucker.....	LeRoy
Robert Royal Strickland, Jr. (cum laude).....	Brecksville
Paul Benson Swan.....	Columbus
Edmund Paul Szmania.....	Grafton
George Tarasiuk.....	Trenton, N. J.
Csaba Stephen Trombitas.....	Cleveland
Robert Dwight Verne.....	Bay Village
Robert Thomas Yurosko.....	Euclid

(Forty-one candidates)

Bachelor of Metallurgical Engineering

Ralph Collins, Jr.....	Babylon, N. Y.
John M. Dugan.....	Lima
Lytle Dana Johnson.....	Columbus
Wyman Curtis Lane.....	East Cleveland
Richard Stoll McGraw.....	Lima
Robert William Postle.....	Delaware
Ihor Myron Suszko.....	Parma
*Warren William Ware.....	Cleveland
William Donald Whipp.....	Kettering

(Nine candidates)

Bachelor of Science in Physics

William David Applegate.....	Bucyrus
Jere Julian Brophy.....	Columbus
John Walker Heimaster (cum laude).....	Charleston, W. Va.
Alvis Jonathan Somerville.....	Stow

(Four candidates)

Bachelor of Welding Engineering

Richard Lynn Allison.....	Philo
James Roger Hannahs.....	Columbus
Kenneth Henry Holko.....	Cleveland
Robert Dixon Kerr, Jr.....	Worthington
Matthew John Lucas, Jr.....	Hamilton

* Two degrees

Larry John Pauly.....	Ashland
Donald Dean Rager.....	Columbus
Thomas David Schuetz.....	Eaton
Phillip Lynn Van Fosson.....	Dennison

(Nine candidates)

School of Architecture and Landscape Architecture

Bachelor of Architecture

Robert Joseph Apel.....	Columbus
Gerald Cichanski.....	Toledo
Eric Halby Cookston.....	Worthington
John Franklin Corkill, Jr., B.A. (University of Maryland)...	Cheverly, Md.
Paul Dean Daniel.....	Lucasville
Howard Sidney Dworkin.....	Cleveland Heights
William John Eddy.....	Columbus
George Peter Enesey.....	Columbus
Robert Earl Euans.....	Columbus
Fredrick Shelly Faber.....	Jackson
Michael Joseph Fitzpatrick.....	Worthington
Bretton Hire Stott Hanville.....	Cleveland
Raymond Mercer Harpham.....	Columbus
Fred Alexander Hurand.....	Steubenville
Richard Lauren Jones.....	Clyde
James Thomas Kienle.....	Grove City
Robert Jordan Prierer.....	Parma
Edward Arthur Rhodes.....	Garden City, N. Y.
George Fred Schwab.....	Marion
*Stephen Sharr.....	Sistersville, W. Va.
William Allen Smith.....	Canal Winchester
Stephen Dudley Thomas.....	Galena
Gregor William Touchman.....	Kettering
Abdul Azim Ujayli.....	Rakka, Syria
Kent Christian Underwood.....	Columbus
James Allen Upperman.....	Amlin
Richard Walker.....	Trenton, N. J.
Jack Gaylord Williams.....	Columbus
John Edward Williams.....	Columbus
Dean Russell Wolf.....	Milwaukee, Wis.
Cherry Yu-Chien Yin.....	Anapolis, Brazil
Peter Karl Zelmer.....	Canton

(Thirty-two candidates)

Bachelor of Landscape Architecture

Gary Grant Bates.....	Cincinnati
Frank Maurice Betsch, B.F.A., B.A.....	Columbus
Robert Allan Brittsan.....	Wren
James Franklin Herd.....	Columbus
Thomas John Ingmire (cum laude).....	Roanoke, Ind.
Ralph Carl Liss.....	University Heights
Carl Urban Mueller.....	Brevard, N. C.
Jon L. Robins.....	Toledo

(Eight candidates)

* Two degrees

College of Law

Dean: *Ivan C. Rutledge*

Juris Doctor

Martin David Altmaier, A.B. (Duke University)	Marion
Ralph David Amiet, B.Sc. in Bus.Adm.	Apple Creek
Frank William Anzinger, B.A. (cum laude)	Springfield
William Edward Armstrong, B.S.C. (Ohio University) (cum laude)	East Cleveland
Thomas Henry Bainbridge, Jr., B.A. (Washington and Jefferson College)	Mingo Junction
Richard Albert Baker, B.S. (University of Dayton)	Cuyahoga Falls
James Wilson Barnhouse, B.A.	North Canton
William George Batchelder III, B.A. (Ohio Wesleyan University)	Medina
Rita Berkowitz, A.B. (University of Michigan) (cum laude)	Lorain
Walker Jameson Blakey, A.B. (Harvard College) (summa cum laude)	Wadsworth
James Bernard Blumenstiel, B.S. (Miami University)	Alliance
Kenneth Allan Bravo, B.A. (Rutgers College) (cum laude)	Shaker Heights
Mary Anne Duffy Brennan, B.A. (College of Saint Mary of the Springs)	Columbus
Alan Leonard Briggs, A.B. (Miami University) (cum laude)	Dayton
Robert Lee Brittigan, B.Sc. in Bus.Adm. (summa cum laude)	Marietta
Jon Robert Burney, A.B. (Denison University)	Cleveland
James Adley Calhoun, A.B. (Ohio Northern University)	Mansfield
Robert Douglas Callander, A.B. (Miami University) (cum laude)	Cleveland
Calvin Duane Callender, B.A.	Washington C. H.
Vincent Paul Cardi, B.A.	Columbus
Jon Micheal Cassady, B.E.M.	East Fultonham
Edward Virgil Clark, B.A. (University of Notre Dame)	Toledo
Ronald James Clark, B.Sc. in Bus.Adm. (cum laude)	Farmington, Mich.
Edwin Mark Cooperman, A.B. (Queen's College)	Queens Village, N. Y.
David Charles Cummins, B.A. (cum laude)	Columbus
David LeRoy Day, A.B. (Anderson College); M.Ed. (Wittenberg University) (summa cum laude)	Springfield
David Gibson Dill, B.B.A., M.B.A. (Ohio University)	Springfield
Anthony Joseph DiVenere, A.B. (John Carroll University)	Cleveland
Nancy Kay Drake, A.B. (Ohio University)	Lebanon
Stephen Douglas Enz, B.A.	Worthington
James Michael Evans, B.A.	Bloomington
Boyd B. Ferris, B.Sc. in Bus.Adm.	Loudonville
Michael Lawrence Finn, B.A.	Columbus
Gerald Henry Galbreath III, B.A.	Columbus
Wayne Treston Gill, B.A. (Otterbein College)	Columbus
Barry Allen Goodman, A.B. (University of Cincinnati) (cum laude)	Cincinnati
James Robert Goslee III, B.Sc. in Bus.Adm.	Bellefontaine
Robert Lowell Hammond, B.A.	Bloomington
Philip Kent Hargesheimer, B.A. (Bowling Green State University) (cum laude)	Bowling Green
C. Patrick Harkins, B.A.	Springfield
Stephen Louis Hebenstreit, A.B. (Marietta College)	Toledo
Thomas Robert Hillhouse, B.A. (Bowling Green State University)	Bellevue
Ralph David Horn, B.A.	Dayton
Ronald Harold Isroff, B.S. (Boston University)	Canton
Gary David Jessee, B.A. (Union College, Kentucky)	Dayton
Larry Lee Johnson, B.A.	Bucyrus

David Merle Jones, B.S. (United States Military Academy) (cum laude) Euclid

Sheldon Karp, B.S.C. (Ohio University) Cleveland

Ralph Frederick Keister, B.A. Wooster

Charles William Klausman, B.S. (Bowling Green State University) Akron

Richard Leslie Kolb, B.A. (DePauw University) Rossford

Timothy Joseph Koral, A.B. (John Carroll University) Cleveland

Harry Nelson Lembeck, B.A. North Miami, Fla.

Jerry Leonard Lippe, A.B. (Miami University) University Heights

James David London, B.Sc. in Edu. Mt. Vernon

Robert Todd Lowe, A.B. (University of Michigan) (cum laude) Bryan

Harvey Irwin Luchans, B.A. (cum laude) Lyndhurst

Walter Jay Mackey, Jr., B.A. (Union College, New York) Columbus

Thomas Alan Mann, B.S. (Cornell University) Cleveland

Arthur Joseph Marinelli, Jr., A.B. (Ohio University) Youngstown

Franklin Arthur Martens, B.A. (Bowling Green State University) Cleveland

David Harry McCartney, B.S. (Allegheny College) Columbus

Daniel Patrick McQuade, B.S. (Loyola University) Swanton

Frederick James Milligan, B.A. (summa cum laude) Westerville

Dion Williams Moore, A.B. (Denison University) Mystic, Conn.

Stanley Lee Myers, B.Sc. in Bus.Adm. Columbus

William Leonard Nelson, B.A. (University of Akron) ; M.A. (State University of Iowa) (summa cum laude) Akron

Robert David Nichols, A.B. (Mount Union College) Cleveland Heights

Gerald Simms Office, Jr., B.B.A. (University of Michigan) (summa cum laude) Englewood

Panayotis Fernahue Pappas, B.Sc. in Bus.Adm. Zanesville

William Howard Pearlman, B.A. Shaker Heights

Randall William Pees, B.A. Wauseon

Loren Walter Peters, B.S.M.E. (South Dakota School of Mines, Rapid City) (summa cum laude) Cincinnati

Terry Paul Pugh, B.Sc. in Bus.Adm. Columbus

Carl William Purcell, A.B. (Capital University) Circleville

Frank David Ray, B.Sc. in Edu. Covington

Melvin Andrew Ross, B.A. (summa cum laude) Columbus

Jack C. Rubenstein, A.B. (Duke University) Cincinnati

Harold Eugene Saxton, B.S. (United States Naval Academy) Zanesfield

Stuart Burne Schneck, B.S. (Miami University) Roslyn, N. Y.

Ronald Edward Schultz, B.S. (Ohio University) Napoleon

Dennis Martin Seaman, B.A. Cleveland

Myron Shwartz, B.A. (Antioch College) Fairborn

Richard Caldwell Skeen, B.S. (University of Utah) Salt Lake City, Utah

Stephen Gustave Smith, A.B. (University of Michigan) Birmingham, Mich.

Howard Allen Steindler, B.S. (Miami University) (cum laude) University Heights

Craig Myers Stewart, B.Sc. in Bus.Adm. Columbus

John Ellis Stine, A.B. (Williams College) Bryan

Laurence Edward Sturtz, B.A. Floral Park, N. Y.

Daniel James Swillinger, B.A. Cincinnati

Timothy Joseph Ucker, B.A. Columbus

Paul Robert Valente, B.A. (Lawrence College) Chillicothe

Valerie Vanaman, B.A. Alliance

Robert Joseph Wachunas, B.S. (John Carroll University) Alliance

Leslie Kermit Wagner, B.Sc. in Bus.Adm. (cum laude) Mansfield

Richard Atwood Wead, B.S. (Bowling Green State University) Xenia

James Irving Weprin, B.Sc. in Bus.Adm. Dayton

William Robert White, B.Sc. in Agr. Wilmington

David John Wolfe, B.B.A. (Ohio University) Campbell

Norman Kenson Wolfe, A.B. (Denison University) Mansfield

William Dallas Woodall, B.S. in Edu. (Youngstown University) Vienna

Robert Lee York, B.S. (Kent State University) Newton Falls

Ronald John Zeller, B.S. in Bus.Adm. (LaSalle College) Margate, N. J.

(One hundred and three candidates)

College of Medicine

Dean: *Richard L. Meiling*

Doctor of Medicine

Douglas William Armbrust, A.B. (Kenyon College).....St. Clairsville
Robert Walker Beatty, B.Sc.....East Liverpool
Donald James Billmaier, B.S. (University of Toledo).....Toledo
Charles Raymond Bost, B.S. (John Carroll University).....Mentor
Albert Michael Broennle, Jr., A.B. (Western Reserve University)
Youngstown
Dennis Lee Brooks, B.A.....East Cleveland
Thomas Benjamin Brumley, B.Sc.....Findlay
Joseph Daniel Bullock, A.B. (Wittenberg University).....Cincinnati
Kenneth Lee Burkhardt, A.B. (Miami University).....Mansfield
Nancy Napier Cain, B.S. (Muskingum College).....New Concord
Russell Manly Cain, B.Sc.....Columbus
John Clifford Camp, B.A.....Wilmington
Christopher Clemens Caudill, B.A.....Worthington
Edward Lester Charnock, B.S. (University of Dayton).....Dayton
Thomas Patrick Cliffler, B.S. (University of Notre Dame).....South Euclid
Samuel Edward Crockett, B.Sc.....Columbus
Joseph Romig Cunningham, B.S. (College of William and Mary)
New Philadelphia
David Lloyd Cutler, B.Sc.....South Euclid
John Raymond Davis, B.Sc.....Middletown
Richard Morris Deamer, B.S. (Purdue University).....Columbus
Richard Connell Dewey, B.Ch.E.....Cincinnati
Louise Ann Dierker, A.B. (Earlham College).....Columbus
Evan Willis Dixon, B.A.....Hamden
Katharine Nute Dixon.....Perry
Robert Francis Donley, B.S. (University of Dayton).....Columbus
Jerome Norman Eisman, B.S. (Ohio University).....South Euclid
Alvin John Elliott, B.S. (Grove City College).....Perry
Ernest Robert Estep, B.S. (Heidelberg College).....Tiffin
Ronald Jack Fadel, A.B. (Western Reserve University); M.Sc....Cleveland
Timothy James Fallon.....Columbus
John Turner Fazekas, B.A. (Ohio Wesleyan University) (cum laude)
Columbus
Larry Richard Feichtner, B.S. (Heidelberg College).....Chatfield
James William Ferraro, B.S., D.D.S. (Western Reserve University)
Akron
Jon Gfell Finkler, B.A.....Bellevue
Richard John Freeman, B.A. (College of Wooster).....Dayton
Harold William Friedel, B.Sc.....Kenton
Phillip Kay Fulkerson, B.A. (summa cum laude).....Dayton
Henry Howard Gary, Jr., D.D.S.....Fostoria
Kevin Thomas Geraci, B.S. (College of the Holy Cross).....Cleveland
Robert James Gilbert, B.S. (Mount Union College).....Uniontown
Dennis Allen Glazer, B.A.....University Heights
Jon Duane Gove, B.Sc.....Columbus
Ivan Albin Gradisar, Jr., B.S. (University of Notre Dame).....Barberton
Larry Emmett Gray, B.A. (Texas Christian University).....Medina
Herbert Allen Grodner, B.A.....Columbus
Anne Elizabeth Grover, B.S. (Denison University).....Worthington
Edward Francis Hackett, Jr., B.S. (University of Dayton).....London
Michael Dean Hall, A.B. (Harvard University).....East Liverpool
David Keysmith Halley, B.Sc.....Vermilion
Barry Evan Handon, A.B. (Western Reserve University) ..Shaker Heights
C. Dean Hartwig, B.S. (University of Michigan).....Toledo
Norma Jean Hazelbaker, B.A.....Columbus
Samuel Lowell Hissong, B.Sc.....Ludlow Falls

Leonard Earl Hitchin, A.B. (Ohio University)..... Canton
 John Edward Hohmann, A.B. (Princeton University)..... Columbus
 William Lee Jackson, B.S. (University of Dayton)..... Dayton
 Louis James Jacques, A.B. (Miami University)..... Columbus
 David Thomas Jones, B.S. (Muskingum College) (cum laude)
 Cuyahoga Falls
 Frank Shearer Jones, B.S. (Carnegie Institute of Technology)
 (cum laude)..... Canton
 Gerard Stephen Kakos, B.A. (cum laude)..... Indianapolis, Ind.
 David Wayne Knox, B.S. (Kent State University) (cum laude)..... Akron
 Karl William Kumler, B.Sc..... Columbus
 John Dennis Kuziak, B.S. (University of Akron)..... Steubenville
 Jan Dean Larcom, B.A..... Troy
 Paul Robert Lauber..... Archbold
 William Paul Lauf..... Delphos
 Daniel Michael Lavigna, Jr., A.B. (Miami University) .. Cleveland Heights
 William Michael Leahy, B.S. (John Carroll University)..... Tiffin
 Ricardo Roman Leoni, B.Sc..... Rayland
 Steven Hilary Lichtblau, B.A..... Canton
 Norman Ansel Lockshin, B.A. (Washington and Jefferson College)
 Youngstown
 Ronald Erwin Loesch, B.M.E. (General Motors Institute); B.Sc.... Ravenna
 Jack Michael Lomano, B.Sc. in Edu..... Columbus
 Ira Totz Lott, A.B. (Brandeis University) (cum laude)..... Cincinnati
 Richard Morgan Lyons, B.S. Pharm. (University of Michigan).... Poland
 Hugh Millman MacDonald, B.S. (Ohio University)..... Akron
 Thomas Richard Martin, B.S. (Otterbein College)..... Lorain
 Eugene Shannon May, B.Sc..... Lakewood
 Patricia Gregg May, B.Sc..... Dayton
 Susan Winget Menking, B.Sc..... Kettering
 Robert Lee Merriam..... Zanesville
 Robert Albin Modic, B.S. (Case Institute of Technology)..... Cleveland
 James Sinclair Mollenkamp, B.S. (Denison University)..... Toledo
 Frederick Karl Mueller, B.A. (College of Wooster)..... Sugarcreek
 Kenneth Wilton Mylander, B.Sc..... Columbus
 Robert Harrison Neill, A.B. (Oberlin College)..... Hiram
 Roger David Nunn, A.B. (Asbury College)..... Dayton
 Jonathan Wilford Nusbaum, B.A. (Yale University)..... Lancaster
 Lana Mallo Nusbaum B.S. (University of Akron)..... Akron
 Charles Nicholas Onufer, B.A..... Youngstown
 David Arthur Pack, B.Sc..... South Point
 Jay Edward Pfeiffer, B.Sc..... Kenton
 Carol Lee Pohlman, B.A. (Bowling Green State University)..... Toledo
 David Sterling Postlewaite, B.A. (Williams College)..... Columbus
 Franklin Bruce Price, B.A..... Cleveland Heights
 James Douglas Pritchard, B.Sc.; M.S. (University of Illinois)
 Cinnaminson, N. J.
 Ralph Roman Roan, A.B. (Western Reserve University) (cum laude)
 Newark
 Michael Jay Rozen, B.S. (University of Akron)..... Akron
 Larry James Sanzenbacher, A.B. (Miami University)..... Maumee
 Scott Thomas Schell, B.S. (Capital University)..... Clyde
 Terence Malcolm Schmah, B.Sc..... Mansfield
 Steven Roger Seals, A.B. (Miami University)..... Camden
 Robert Alan Shapiro, A.B., M.S. (Western Reserve University)
 University Heights
 Barry David Silverman, B.A..... Dayton
 Jerry Lee Simmons, B.S. (Bowling Green State University) .. Bowling Green
 Tillmon Lee Simmons, B.A..... Parma
 William Paul Skivolocki, B.Sc..... Kensington
 Trent Wynn Smith, A.B. (Princeton University)..... Columbus
 V. Roy Smith, B.A..... Vermillion
 Dale Austin Solze, B.A..... Green Springs

William Theodore Stalter, B.Sc. Dayton
 Gerald Wesley Steiner, B.A. (Goshen College) (cum laude) ... Wadsworth
 James Lynn Strait, B.Sc. Logan
 Dale Phillip Svendsen, B.A. (Northern Illinois University) ... Chicago, Ill.
 Stephen Joseph Szabo, Jr., A.B. (Western Reserve University) ... Euclid
 Richard Ivan Tapper, B.A. Akron
 Alan Michael Teitelbaum, A.B. (Miami University) ... Shaker Heights
 John William Timmons, Jr., B.A. Greenville
 Richard Carl Traugott, B.A. (Valparaiso University) ... North Olmsted
 David Harrison Tullis, B.S. (Ashland College) ... Shelby
 Kenneth Paul Turner, B.A. (Manchester College) ... Trotwood
 Louis Eugene Vassy, B.S. (University of Dayton) (cum laude) ... Dayton
 Thomas Raymond Vecchione, B.S. (University of Notre Dame) ... Steubenville
 John Gabriel Wagnitz, B.Sc. Columbus
 Howard Dennis Waite, A.B. (Wittenberg University) (cum laude) ... Mansfield
 Charles Harvey Warne, A.B. (Miami University) (cum laude) ... Columbus
 Galen Richard Warren, A.B. (Western Reserve University) ... West Lafayette
 Richard James Weinberg, B.A. (Washington and Jefferson College) ... Cleveland
 Michael VanDevender Wells, B.S. (Capital University) ... Columbus
 Charles Ronald White, B.S. (Bowling Green State University) ... Ottawa
 James Heiser Wild, B.S. (United States Air Force Academy) (cum laude) ... Lakewood
 Denis Jordan Winder, B.A. (Ohio Wesleyan University) ... Akron
 Harry Zibners, B.A. (summa cum laude) ... Columbus
 Stephen Carl Zinsmeister, A.B. (Miami University) ... Lima
 (One hundred and thirty-four candidates)

School of Allied Medical Services

Bachelor of Science in Medical Dietetics

Sheila Claire Amster. Shaker Heights
 Linda Louise DeFrancisco. Columbus
 Barbara Michele Engel. Youngstown
 Linda Lou Eschliman. Cuyahoga Falls
 Sharon Phillips Frye. Fredericktown
 Rose Ann Grady. Columbus
 Robert Michael Jenkins. Jackson
 Jacqueline Faith LaRue. Kettering
 Joanne Louise Mackin. Columbus
 Stephanie Carol Michaelson. Dayton
 Caroline Louise Miller (cum laude). Orrville
 Suzanne Uhl (cum laude). Mansfield
 Marsha Ellen Wildermuth. Blacklick
 (Thirteen candidates)

Bachelor of Science in Medical Illustration

Carol Jane Hotaling. Parma Heights
 (One candidate)

Bachelor of Science in Medical Technology

Kathleen Allyn Barber. Perrysburg
 Nancy Louise Buck. Cincinnati
 Ann Arlene Howiler (cum laude). Jerusalem
 Judith Anne Johnson. Akron
 Judith Ann Oettinger (cum laude). Cincinnati
 (Five candidates)

Bachelor of Science in Occupational Therapy

Brenda Kay Burton.....	Washington C. H.
Lynn Alison Demming.....	Brecksville
Mary Jane Hart.....	Akron
Camille Jeanne Lembo.....	Great Neck, N. Y.
Martha Carol Young.....	Monterey, Calif.

(Five candidates)

Bachelor of Science in Physical Therapy

Lynn Carol Allen.....	Columbus
Susan Jane Amstutz.....	Orville
Sara Lowther Anderson.....	Columbus
Susan Arlene Black.....	Mogadore
Nancy Ruth Blank.....	Canton
Sandra Sue Bonham.....	Newark
Constance Laraine Buxton.....	Marietta
Ann Lindow Castilow.....	Rocky River
Judith Jo Chamberlain.....	St. Petersburg, Fla.
Sharon Kay Cireddu.....	Holloway
Gloria Bartels Davis.....	Cincinnati
Marianne Cecelia DiPaolo.....	Columbus
Robert Harwood Dombek.....	Delaware
Edith Etta Glick.....	Steubenville
Jane Louise Haupt.....	Cincinnati
Caroline Foster Howard.....	Toledo
Marilyn Ann Humpert.....	Dayton
Margaret Ann Lambert.....	Cleveland
Sheryl Leigh Lamp.....	Coshocton
Renee Marie Leimgruber.....	Alpine, N. J.
Amelia Ann Lopuszynski.....	Euclid
Caron Hanes Maag.....	West Chester
Heidi Hale Mehring.....	Shaker Heights
Ann Merike Meristu.....	Cleveland
Marjorie Walter Molnar.....	Parma Heights
Carolyn Steinfadt Myers.....	Parma
Carol Jean Parker.....	Cambridge
Mayris Froma Poloner.....	Teaneck, N. J.
Carol Jean Rhodes.....	Maple Heights
Frances Robertson Rose.....	New Canaan, Conn.
Marilyn Joan Saldin.....	Lima
Judith Kathleen Simonson.....	Columbus
Margaret Lynn Solomon.....	Dayton
David Barton Thomas (cum laude).....	Columbus
Susan Reed Underwood.....	Portsmouth

(Thirty-five candidates)

Certificate of Graduate Physical Therapist

Thomas Donald Bush, B.S. (Loras College, Iowa).....	Calmar, Ia.
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(One candidate)

Certificate of Nurse Anesthetist

Wawanna Brewer.....	Knoxville, Tenn.
Nancy Lucki Brocke.....	Woodville
Audrey Marilyn Mader.....	Columbus
Harriet Tarpley Parker, B.Sc. in Nurs.....	Columbus

(Four candidates)

School of Nursing

Bachelor of Science in Nursing

Suzanne Carolyn Adams.....	Coldwater
Susan Christine Alford.....	Cincinnati
Mary Enola Ardner.....	Toledo
Aileen Christine Balyo.....	Dayton
Margaret Ann Barnhart.....	Columbus
Valerie Hoffman Boax.....	McKeesport, Pa.
Marilyn Boman.....	South Euclid
Sue Boswell.....	Lima
Mary Ann Bradford.....	Kettering
Patricia Ann Breen.....	Columbus
Linda Coonrod Brown (cum laude).....	Fairborn
Genevieve Chinn.....	Ravenna
Kathleen Marie Cole.....	Parma
Marie Ethel Collart.....	Middletown
Jacqueline Lee Coticchia.....	Fairview Park
Susan Seaborn Cramer.....	Youngstown
Deborah Lee Crisp.....	Worthington
Sue Ann Darling.....	Mansfield
Margaret Ann Elwonger.....	East Palestine
Nancy Fiero Fazekas (cum laude).....	Manhasset, N. Y.
Sonya Jeanne Ferris.....	Cincinnati
Mary Louise Garves.....	Hudson
Jo Ann Gast.....	Canal Winchester
Rosemary Ann Gilliland.....	Toronto
Tina Marie Greco.....	Parma
Vicki Rae Greimann.....	Kettering
Judith Lee Hammel.....	Columbus
Lee Hammond.....	Akron
Barbara Louise Hauenstein.....	Rittman
Karen Sue Helman.....	Sidney
Anne Marie Hemmert (cum laude).....	Doylestown
Barbara Louise Heretta.....	Canton
Madalyn McDonald Hodgson.....	Canfield
Sally Ann Hoeflinger.....	Hilliard
Helen Louise Horner.....	Massillon
Suzanne Lee Kemper.....	Columbus
Judith Simpson Kieffer.....	Tiffin
Sylvia Sue Kovach.....	Amherst
Barbara Bancroft Kridler.....	Sylvania
Suzanne Moffitt Lemmon.....	Cuyahoga Falls
Margaret Susanne Loeber.....	Cuyahoga Falls
Nancy Jane Lubin.....	Cleveland
Nancy Jo Marbaugh.....	Newark
Linda Powell Mautz.....	Grover Hill
Julia Anne McDevitt.....	Cuyahoga Falls
Linda Hoellrich Meyer.....	New Bavaria
Sandra Louise Michael.....	Dayton
Maureen Patric Moloney.....	Columbus
Janet Martha Morgan.....	North Olmsted
Linda Sue Morrison.....	Niles
Barbara Evelyn Newton.....	North East, Pa.
Joan Marie Nietz.....	Wayne
Sharon Rose Obrecht.....	Loudonville
Davis Lynne O'Fallon.....	Akron
Susan Jayne Osborne (cum laude).....	Poland
Barbara Jean Owen.....	Newark
Christine Louise Oyer.....	Wapakoneta
Marilyn Lee Papier.....	Independence

Sally Jane Parrett.....	Mansfield
Carol Dee Peruza.....	Steubenville
Sylvia Grace Roof.....	Columbus
Beverly Elaine Sabins.....	Columbus
Nancy Ellen Sattler.....	Mineral City
Betty Joann Shaeffer.....	Wilmington
Susan Louise Shingleton.....	Cuyahoga Falls
Nancy Lou Sidner (cum laude).....	Genoa
Joan Frances Staup.....	Tipp City
Paulina Henrietta Studer.....	Columbus
Karen Sue Tadsen.....	Rossford
Lynne Anne Taylor.....	Dayton
Carol Ann Turner.....	Warren
Mary Kathleen Ury.....	Columbus
Janet Elaine Wasson.....	Bloomdale
Polly Ann Williams.....	Columbus
Carol Louise Wylie.....	Columbus

(Seventy-five candidates)

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Larry Lee Addington.....	Wapakoneta
Mark Bernard Alper, B.S. (University of Wisconsin).....	Canton
Richard Ira Bernardo.....	Martins Ferry
Kathryn Ann Bowden.....	Mansfield
Gloria Isobel Brennan.....	Caledonia
Robert Oliver Carver.....	Columbus
William George Cochran.....	Columbus
Carol Ann Coffman.....	Republic
Rosemary Kathryn Crum.....	Caldwell
James Albert Davis.....	Strasburg
Charles Edwin Deaton, Jr.....	Hamilton
August Louis Elsener.....	Springfield
Robert Howard Fadden.....	Chillicothe
Thomas Andrew Gasser.....	Logan
Thomas Richard Gnau.....	Springfield
William George Heimlich.....	Mt. Gilead
Gerald John Hudec (cum laude).....	Elyria
Charles David Hufford (cum laude).....	Sycamore
Joanne Helen Kazar.....	Cleveland
Howard Earl Klinker, Jr., B.S. (Capital University).....	Lancaster
Thomas Joseph Klosterman.....	Barberton
Mary Donna Knaus.....	Cleveland
Mary Wulber Leffler.....	Columbus
Willa Laverne Lindsay.....	Columbus
Dale Charles Lucas.....	Barnesville
Ronald Harry Mamrick.....	Girard
Robert Mathia.....	Mogadore
David Paul McMillen.....	Defiance
James William Munson.....	New Carlisle
Ralph Lester Musgrave, Jr.....	Carey
Donna Lee Nichols.....	Columbus
Philip Eugene Parsons.....	Marietta
Koula Speros Parthemos.....	Youngstown
Mark Evans Reed.....	Shelby
Douglas Earl Rollins.....	Galion
Joseph Edward Shade.....	Medway

Barbara Jane Shawler.....	Lima
Lawrence Daniel Shonk.....	Lancaster
Marilyn Dix Smith (summa cum laude).....	Degraff
Daniel LaRue Snavely.....	Bellville
Vincent Anthony Stevens.....	Youngstown
David Lee Stoltz.....	Logan
Robert Carl Stout.....	Belle Center
Beverly Brown Swihart.....	Columbus
Russell Lee Thomas.....	North Royalton
James Lee Wallace.....	Garfield Heights
Jerry Allan Weiss, B.S. (University of Cincinnati).....	Ashland
Jerry Lee Wilks.....	Dayton
Nancy Lyn Willis.....	Columbus
Lawrence Allen Woznak.....	Cleveland
David Francis Wright.....	Newark

(Fifty-one candidates)

College of Veterinary Medicine

Dean: Walter R. Krill

Doctor of Veterinary Medicine

Michael Raymond Andrews.....	Columbus
Donald Winston Barton, B.S. (Muskingum College).....	Columbus
Richard Ellsworth Bernard.....	Columbus
Paul Edward Binnig.....	Minerva
John Philip Bishop, B.Sc. in Agr.....	Milford Center
Robert Roger Blease, B.S. (University of Arizona).....	Trenton, N. J.
Jack Eugene Bonham.....	New Carlisle
James Wesley Booth.....	Zanesville
Gary Lynn Bowman.....	Loudonville
Eugene Michael Breznock.....	Fairview Park
Melvin Dale Butler.....	Normantown, W. Va.
Richard Strother Dailey.....	Charles Town, W. Va.
Louis James Diluzio.....	North Royalton
Dale Lester Duerr.....	Bolivar
James Louis Ehler, B.S., M.S. (University of Delaware).....	Newark, Del.
Harold Rodney Ferguson.....	East Liverpool
Ronald Joseph Frank.....	Washington, D. C.
Robert Anthony Fritz.....	Toledo
Joseph Costanzo Grossi, B.A. (College of Steubenville).....	Steubenville
Richard Herbert Gurevitz, B.A.....	Columbus
Dennis Dean Hardy.....	Eden, Idaho
James Rudolph Hatfield.....	Bethel
Thomas David Heading.....	Wellston
Daniel Reed Helvoigt.....	Dover
William Edward Hendricks.....	West Lafayette
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Dean Karl Kraus.....	Sandusky
Daniel Edward Lafontaine.....	Alvada
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Guy C. Lockwood (cum laude).....	Columbus

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*James Clifford Lonz.....	Norwalk
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John Carl Pratt.....	South Point
Orben Pratt, Jr.....	St. Paris
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RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1967 to June 30, 1968

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1967-1968

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
STANLEY C. ALLYN, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
BERTRAM D. THOMAS, ³ Columbus.....	October 13, 1965	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.....	September 16, 1964	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

¹ Filled the unexpired term of Charles F. Kettering who died November 25, 1958 (January 8, 1959-May 13, 1961)

² Served two previous terms (1948-1962)

³ Appointed to fill unexpired term of Carlton S. Dargusch; resigned October 11, 1965

OFFICERS

1967-1968

STANLEY C. ALLYN, *Chairman*
JOHN W. BRICKER, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
GORDON B. CARSON, *Treasurer*

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 13, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, July 13, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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July 13, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Transfer of Property Located on South Bass Island, County of Ottawa, State of Ohio, from the U. S. Department of Health, Education, and Welfare to the Board of Trustees of The Ohio State University

To enable The Ohio State University to accept a tract of land located in close proximity to the biological science laboratory facilities at Put-in-Bay, President Fawcett recommended that the following resolution be adopted:

WHEREAS, certain real property owned by the United States, located in the County of Ottawa, State of Ohio, has been declared surplus and is subject to assignment for disposal for educational purposes by the Secretary of Health, Education and Welfare, under the provisions of Section 203(k)(1) of the Federal Property and Administrative Services Act of 1949 (63 stat. 377), as amended, and rules and regulations promulgated pursuant thereto, more particularly described as follows:

All of the tract or Lot of Land, situated in the Island of Put-in-Bay or South Bass Island in the County of Ottawa and State of Ohio described as follows, viz: That portion of the South West point of Put-in-Bay Island or South Bass Island lying west or southwest of a straight line across the said point of the said island in a direction approximately north 30° west or south 30° east and located by two stakes. First the stake near north-west extremity of the boundary line is at a distance of thirty five (35) feet in a northeasterly direction from the center of an iron wood tree with bushy and broken top and trunk about one foot in diameter; said stake is also fifty feet and nine inches (50'9") from center of maple stump eighteen inches (18"0) in diameter and thirty six and ninety five hundredths (36.95) feet distant from blazed post of wire fence stake is branded U. S. Second, the stake near southeast end of the boundary line is located near a straight line between two small peach trees and is at a distance of eight and forty five hundredths (8.45) feet from the most easterly of the two trees and at a distance of seven and twenty five hundredths (7.25) feet from the northwesterly of the two trees; the stake is also at a distance of forty one and twenty five hundredths (41.25) feet from a stump in a southwesterly part of lots twenty four and twenty five (24 and 25) range south of County Road and is bounded by the waters of Lake Erie, save on the northeasterly side which is bounded by the line described. The said tract as described contains two $\frac{1}{2}$ acres of land.

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Transfer of Property Located on South Bass Island, County of Ottawa, State of Ohio, from the U. S. Department of Health, Education, and Welfare to the Board of Trustees of The Ohio State University (continued)

WHEREAS, the Board of Trustees of The Ohio State University, needs and can utilize said property for education purposes in accordance with the requirements of said Act and the rules and regulations promulgated thereunder;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees of The Ohio State University, shall make application to the Secretary of Health, Education, and Welfare for and secure the transfer to it of the above mentioned property for said use upon and subject to such exceptions, reservations, terms, covenants, agreements, conditions, and restrictions as the Secretary of Health, Education, and Welfare, or his authorized representative, may require in connection with the disposal of said property under said Act and the rules and regulations issued pursuant thereto; and

BE IT FURTHER RESOLVED that the Board of Trustees of The Ohio State University has legal authority, is willing and is in a position to assume immediate care and maintenance of the property, and that Novice G. Fawcett, President, or Gordon B. Carson, Vice President for Business and Finance, be and they are hereby authorized, for and on behalf of the Board of Trustees of The Ohio State University to do and perform all and any acts and things which may be necessary to carry out the foregoing resolution, including the preparing, making, and filing of plans, applications, reports, and other documents, the execution, acceptance, delivery, and recordation of agreements, deeds, and other instruments pertaining to the transfer of said property, and the payment of any and all sums necessary on account of the purchase price thereof or on account of fees or costs incurred in connection with the transfer of said property for surveys, title searches, appraisals, recordation of instruments, or escrow costs.

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

B. Designation of "Arnold Agricultural Credit Library"

Upon the proposal of Dean Roy M. Kottman, College of Agriculture and Home Economics, and with the concurrence of the President's Cabinet, President Fawcett recommended that the library of the Agricultural Finance Center in the Department of Agricultural Economics and Rural Sociology, located in Room 244 Agricultural Administration Building, 2120 Fyffe Road, be formally designated the "Arnold Agricultural Credit Library." This proposal is consistent with the purposes of the Carl R. Arnold Agricultural Development Fund, which was established ". . . to develop the agricultural credit library with the intent that it be formally designated the Arnold Agricultural Credit Library." Additionally, Dr. Arnold's library and files of invaluable original agricultural credit materials have been donated to the library by his widow.

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

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of Rule 49.03 of Rules for the University Faculty

On June 6, 1967, the Faculty Council supported the proposal of the Council on Academic Affairs that Rule 49.03 of Rules for the University Faculty be amended to clarify the residency requirement for a degree by adding the following words "on the Columbus Campus of" in Section (a). Section (a) of the Rule as amended will read as follows:

49.03. Requirements for an Undergraduate Degree.

To obtain an undergraduate degree from this University an undergraduate student must:

- a. Have completed a minimum of three quarters in full-time residence on the Columbus Campus of this University. . . ."

President Fawcett recommended that the above action of the Faculty Council be approved.

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

D. Honorary Degrees

The Faculty Council on June 6, 1967, recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals:

Edwin O. Reischauer, U. S. Ambassador to Japan - Doctor of Laws

Prem Nath Thapar, Vice Chancellor of Punjab Agricultural University, Ludhiana, India - Doctor of Science

President Fawcett recommended that the Board of Trustees approve the awarding of honorary degrees to the above-identified persons.

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

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 1, 1967, 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 133.)

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

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

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

WHEREAS the Board of Trustees on June 10, 1965 established the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" and on September 8, 1966 adopted an amendment extending said Regulations to the branch campuses of The Ohio State University and to which it is now proposed that regulations for control of watercraft (particularly on the Olentangy River between Lane Avenue and King Avenue) be added as amendments thereto.

BE IT RESOLVED that the above become the "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" and are hereby adopted as the rules of the Board of Trustees of The Ohio State University regulating and controlling the use of motor vehicles and watercraft on the land and property and waterways of The Ohio State University wherever located.

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

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the June 8, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Promotions, Appointment, Leaves of Absence Without Salary, and Emeritus Title:

A. Promotions

John D. Briggs promoted from Professor, Department of Zoology and Entomology, to Associate Dean, College of Biological Sciences, effective September 27, 1967, at a salary of \$20,868.00 per annum. Dr. Briggs will continue to hold the rank of Professor in the Department of Zoology and Entomology at "No Salary."

July 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Matthew C. Dodd promoted from Professor, Department of Microbiology, to Professor and Chairman, Department of Microbiology, effective September 27, 1967, at a salary of \$22,872.00 per annum.

George S. Serif promoted from Professor, Department of Biochemistry, to Professor and Chairman, Department of Biochemistry, effective September 27, 1967, at a salary of \$14,268.00 per annum.

B. Appointment

Shiro Kobayashi, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective September 27, 1967 through June 30, 1968, at a salary of \$24,993.00 for the period.

C. Leaves of Absence Without Salary

Metellus Eugene Cravens, Professor (part time - 51%), Department of Agricultural Economics and Rural Sociology, effective June 15, 1967 through October 15, 1967, to work in East Pakistan for the World Bank and the Pakistanian government.

John W. Sharp, Professor (part time - 26%), Department of Agricultural Economics and Rural Sociology, effective June 15, 1967 through October 15, 1967, to work in East Pakistan for the World Bank and the Pakistanian government.

Howard L. Steele, Associate Professor (part time - 48%), Department of Agricultural Economics and Rural Sociology, effective July 1, 1967 through July 31, 1967, to assist the U.S. /AID mission in Brazil.

Stuart L. Petrie, Assistant Professor, Department of Aeronautical and Astronautical Engineering, effective July 17, 1967 through August 31, 1967, to participate in a research study at Cornell University Aeronautical Laboratory.

Ronald C. Sheck, Assistant Professor, Department of Geography, effective October 1, 1967 through September 30, 1968, to do research in Guatemala.

Peggy Coleman Wilson, Instructor, School of Allied Medical Services, effective June 16, 1967 through September 10, 1967, for personal reasons.

July 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Title

Wilbur L. Marshall, College of Dentistry, with the title Associate Professor Emeritus, effective July 1, 1967.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Promotions, Appointment, 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 September 5, 1950, 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, Washington, D. C., To Train Cytotechnologists (to be known as Public Health Service Project No. 1154 - Ext. #7 - Department of Pathology).
Gross Value - \$24,500.00.
- a2. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Ext. #6 - School of Journalism).
Gross Value - \$24,977.00.
- a3. Department of Health, Education, and Welfare, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, Milk Protein Changes at Elevated Temperatures (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1264 - Ext. #6 - Department of Dairy Technology).
Gross Value - \$22,177.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Ext. #4 - Department of Biochemistry).
Gross Value - \$29,933.00.

July 13, 1967 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)

- a5. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Cross-Cultural Study of Dissociational States (to be known as National Institutes of Health Project No. 1652 - Ext. #4 - Department of Sociology and Anthropology).
Gross Value - \$44,414.00.
- a6. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as National Institutes of Health Project No. 1653 - Ext. #3 - College of Pharmacy).
Gross Value - \$20,168.00.
- a7. 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. #4 - Department of Metallurgical Engineering).
Gross Value - \$9,000.00.
- a8. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Ext. #3 - Department of Obstetrics and Gynecology).
Gross Value - \$21,641.00.
- a9. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #3 - College of Dentistry).
Gross Value - \$29,244.00.
- a10. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956 - Ext. #2 - Department of Psychiatry).
Gross Value - \$4,829.00.
- a11. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as National Institutes of Health Project No. 2037 - Ext. #2 - Department of Dairy Technology).
Gross Value - \$26,275.00.

July 13, 1967 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)

- a12. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - Sup. #4 - Department of Veterinary Pathology).
Gross Value - \$96,400.00.
- a13. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Role of Estrogen in the Endometrium (to be known as National Institutes of Health Project No. 2050 - Sup. #1 - Department of Obstetrics and Gynecology).
Gross Value - \$2,790.00.
- a14. Office of Civil Defense, Department of Army, Washington, D. C. , Study of the Latest Trends in the Design of Small Blast Shelters (to be known as Office of Civil Defense Project No. 2059 - Mod. #5 - Engineering Experiment Station).
Gross Value - \$7,500.00.
- a15. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Research and Technology Division Project No. 2162 - Sup. #3 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Plasma Diagnostic Techniques and Generation Use in Flight Control Division's Plasma Facility (to be known as Systems Engineering Group, Research and Technology Division Project No. 2196 - Sup. #1 - Department of Physics).
Gross Value - \$14,900.00.
- a17. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Bureau of State Services Project No. 2224 - Ext. #1 - Departments of Pathology and Obstetrics and Gynecology).
Gross Value - \$90,004.00.
- a18. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , The Development of an ERIC Clearinghouse (to be known as Office of Education Project No. 2228 - Amend. #1 - School of Education).
Gross Value - \$134,056.00.

July 13, 1967 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)

- a19. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Community Health (to be known as Bureau of State Services Project No. 2230 - Ext. #1 - Department of Pathology).
Gross Value - \$25,020.00.
- a20. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Development of a Membrane Oxygenator (to be known as National Institutes of Health Project No. 2232 - Ext. #1 - Department of Surgery).
Gross Value - \$22,065.00.
- a21. Systems Engineering Group, AFSC, Wright-Patterson Air Force Base, Ohio, (U) Advanced Radar Reflector Studies (to be known as Systems Engineering Group Project No. 2240 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a22. Department of the Army, Defense Supply Services, Washington, D. C., Cytological Studies (to be known as Defense Supply Services Project No. 2285 - Mod. #2 - Department of Pathology).
Gross Value - \$34,822.00.
- a23. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Intestinal Absorption of Iron (to be known as National Institutes of Health Project No. 2287 - Ext. #1 - Department of Medicine).
Gross Value - \$12,982.00.
- a24. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mucosal Effects of Gastric and Intestinal Resection (to be known as National Institutes of Health Project No. 2288 - Ext. #1 - Department of Surgery).
Gross Value - \$23,557.00.
- a25. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Cellular Localization of Gastrin (to be known as National Institutes of Health Project No. 2295 - Ext. #1 - Department of Pathology).
Gross Value - \$19,502.00.
- a26. U. S. Army Research Office - Durham, Durham, North Carolina, 6262-C Steric Effects on Reaction Mechanisms (to be known as U. S. Army Research Office - Durham Project No. 2304 - Sup. #1 - Department of Chemistry).
Gross Value - \$38,000.00.

July 13, 1967 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)

- a27. U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #1 - Engineering Experiment Station).
Gross Value - \$89,427.00.
- a28. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2414 - Mod. #1 - RF Internal Supervision).
Gross Value - \$30,000.00.
- a29. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437 - New - Department of Zoology and Entomology).
Gross Value - \$43,423.00.
- a30. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Control of Thyroid Intermediary Metabolism (to be known as National Institutes of Health Project No. 2445 - New - Department of Biochemistry).
Gross Value - \$23,056.00.
- a31. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Study of the Construct Validity of Teaching Situation Reaction Test (to be known as Office of Education Project No. 2446 - New - School of Education).
Gross Value - \$6,371.00.
- a32. Department of Health, Education, and Welfare, Bureau of Health Services, Arlington, Virginia, Self Medication and Community Health (to be known as Bureau of Health Services Project No. 2448 - New - College of Pharmacy).
Gross Value - \$39,063.00.
- a33. National Science Foundation, Washington, D. C., Conference on the Current State of Econometrics (to be known as National Science Foundation Project No. 2449 - New - Department of Economics).
Gross Value - \$3,350.00.
- a34. National Center for Radiological Health, Bethesda, Maryland, Aminothionmides as Radiation Protective Agents (to be known as National Center for Radiological Health Project No. 2450 - New - College of Pharmacy).
Gross Value - \$6,006.00.

July 13, 1967 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)

- a35. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , A Study of Counselor Bias in Relation to Client Preference and Acceptance (to be known as Office of Education Project No. 2452 - New - School of Education).
Gross Value - \$8,003.00.
- a36. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , The Development of a Syllabus of Historical Materials for Teaching Dance History at the College Level (to be known as Office of Education Project No. 2454 - New - Department of Physical Education - Women's Division).
Gross Value - \$9,947.00.
- a37. National Science Foundation, Washington, D. C. , Earthquake Effects on Sherman Glacier, Alaska (to be known as National Science Foundation Project No. 2455 - New - Institute of Polar Studies).
Gross Value - \$20,100.00.
- a38. 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 - New - Department of Engineering Mechanics).
Gross Value - \$52,611.00.
- a39. U. S. Department of Agriculture, New Orleans, Louisiana, A Study of Non-enzymic Browning in Model Systems to Develop Methods of Blocking the Reactions Involved in Flavor Deterioration of Orange Juice Crystals (to be known as U. S. Department of Agriculture Project No. 2458 - New - Department of Chemistry).
Gross Value - \$51,397.00.
- a40. National Science Foundation, Washington, D. C. , Completion of Flat Reflector of OSU Radio Telescope (to be known as National Science Foundation Project No. 2461 - New - Department of Electrical Engineering).
Gross Value - \$88,400.00.
- a41. Department of Health, Education, and Welfare, Bureau of Health Services, Arlington, Virginia, Exploratory Study: Factors Affecting Health Power (to be known as Bureau of Health Services Project No. 2462 - New - Department of Anatomy).
Gross Value - \$29,793.00.

July 13, 1967 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. 2750th ABW-EWPB, Wright-Patterson Air Force Base, Ohio, Five-Day Course "Laser Technology and Hazards" (to be known as 2750th Air Base Wing Project No. 2463 - New - Department of Electrical Engineering).
Gross Value - \$5,971.00.
- a43. U. S. Department of Interior, Fish and Wildlife Service, Washington, D. C., Translocation and Bioaccumulation of C1-36 DDT in a Terrestrial System (to be known as U. S. Department of Interior, Fish and Wildlife Service Project No. 2464 - Amend. #1 - Department of Zoology and Entomology).
Gross Value - \$26,814.00.
- a44. National Science Foundation, Washington, D. C., A Program of Study in Quantum Field Theory (to be known as National Science Foundation Project No. 2466 - New - Department of Physics).
Gross Value - \$19,000.00.
- a45. Air Force Office of Scientific Research, Arlington, Virginia, Research in the Radar Reflecting Properties of Discrete Target in the Presence of an Interfering Medium (to be known as Air Force Office of Scientific Research Project No. 2467 - New - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- a46. National Science Foundation, Washington, D. C., Botanical Survey of Byrd Land Coast (to be known as National Science Foundation Project No. 2472 - New - Institute of Polar Studies).
Gross Value - \$21,000.00.

TOTAL - Government Contracts - Federal \$1,522,488.00

2. Government Contract - State

- a1. State of Ohio, Department of Development, Columbus, Ohio, Econometric Model-Social Accounts Study (to be known as State of Ohio, Department of Development Project No. 2459 - New - Department of Economics).
Gross Value - \$18,000.00.

July 13, 1967 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. 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 #C414250 - Department of Surgery).
Gross Value - \$4,434.78.
- a2. The Jockey Club, Inc., New York, New York, Equine Clinical Research (to be known as The Jockey Club, Inc. Project No. 2000 - Letter dated March 7, 1967 - Department of Veterinary Medicine).
Gross Value - \$50,000.00.
- a3. American Iron and Steel Institute, New York, New York, Properties of Liquid Iron and Steel (to be known as American Iron and Steel Institute Project No. 2031 - Amend. #2 - Department of Metallurgical Engineering).
Gross Value - \$32,100.00.
- a4. The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus (to be known as The Procter and Gamble Company Project No. 2070 - Ext. #2 - College of Dentistry).
Gross Value - \$22,800.00.
- a5. Battelle Memorial Institute, Columbus, Ohio, Bibliographic and Microfilm Library on Acclimatization to Terrestrial Attitude (to be known as Battelle Memorial Institute Project No. 2360 - New - University Libraries).
Gross Value - \$94,455.00.
- a6. 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. #1 - School of Art).
Gross Value - \$1,380.40.
- a7. The Petroleum Research Fund, Washington, D. C., Studies of Phosphorus (V) Chloride and Its Salt-like Derivatives (to be known as The Petroleum Research Fund Project No. 2457 - New - Department of Chemistry).
Gross Value - \$23,940.00.

TOTAL - Industrial and Other Contracts \$229,110.18

The foregoing fifty-four contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,769,598.18.

Upon motion of Mr. Jones, seconded by Mr. France, 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.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from May 25, 1967 through June 26, 1967, 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 261X Non-destructive Tests for Welds in Highway Structures,
Ext. #5 Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$94,860.00.

EES 279X Investigation of Soil-Structure Interaction in Culvert
Ext. #2 Pipes, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$16,032.00.

TOTAL - Government Research Contracts \$110,892.00

2. Industrial Research Contract

SC 69 OCD - A & E Professional Development Courses,
National Society of Professional Engineers, Washington,
D. C.
Gross Value - \$12,284.04.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$123,176.04.

C. Memorandum of Agreement - Affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University

President Fawcett recommended that the following Memorandum of Agreement for affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University be ratified:

WHEREAS the Columbus Children's Psychiatric Hospital is an institution for the care and treatment of sick people and the Director of the Department of Mental Hygiene and Correction in the State of Ohio has authorized the medical staff of the Columbus Children's Psychiatric Hospital to participate in research and medical education to supplement their patient-care program;

WHEREAS the University through its College of Medicine is responsible for the educational program of students, including post M. D. students in medical education, including psychiatry, and for the maintenance of research and patient-care programs planned to enhance the educational programs;

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement - Affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University (continued)

WHEREAS the Department of Mental Hygiene and Correction believes the Columbus Children's Psychiatric Hospital's total program will be enriched by the direct association with the College of Medicine in medical teaching;

WHEREAS the University, through its College of Medicine, can by the use of the facilities of the Columbus Children's Psychiatric Hospital, complement its own facilities to the mutual enrichment of its educational programs;

NOW, THEREFORE, the Columbus Children's Psychiatric Hospital, through the Department of Mental Hygiene and Correction, and the Dean of the College of Medicine, through the Board of Trustees of The Ohio State University, agree to the following:

1. The clinical facilities, including the inpatient and out-patient services of the Columbus Children's Psychiatric Hospital are made available for the educational program of students in the College of Medicine of The Ohio State University.
2. The Superintendent of the Columbus Children's Psychiatric Hospital will coordinate the programs of diagnostic procedures, including the taking of medical histories and the physical examination of both inpatients and outpatients, with the Dean of the College of Medicine so as to secure the uniformity and precision which are necessary for the proper instruction of students in the College of Medicine.
3. The treatment and care of all patients will be determined by the (physician) member of the Columbus Children's Psychiatric Hospital's medical staff in charge of the patient.
4. Only those staff members of the Columbus Children's Psychiatric Hospital holding faculty appointments in the College of Medicine of The Ohio State University may be assigned teaching responsibilities involving students of the College of Medicine.
5. The Dean of the College of Medicine shall be responsible for discipline of students willfully violating the rules and regulations of the Columbus Children's Psychiatric Hospital.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement - Affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University (continued)

6. The autonomy of the Columbus Children's Psychiatric Hospital as an independent institution shall be observed at all times.
7. The Superintendent of the Columbus Children's Psychiatric Hospital and the Dean of the College of Medicine may collaborate directly in the accomplishment of the above program.

Either party may terminate this agreement by a written notification giving a six-months' period of advance notice.

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

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IV. GRANTS AND GIFTS

The following grants to the University were among those received since June 8, 1967, 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. \$623,750.00 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 a Classroom/Library Building, Marion Campus. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. Ohio 3-2372)
2. \$533,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of a General Classroom Building - University College. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. Ohio 4-2365)
3. \$136,844.00 granted by National Science Foundation to the University for "Administration of Institutional Grants for Science." (GU-2438)
4. \$80,671.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T01 HE05546-07)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$77,058.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Pharmacology," under the direction of the Department of Pharmacology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 GM01417-03)
6. \$73,161.00 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 for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001386)
7. \$72,957.00 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, 1967 through June 30, 1968. (Grant No. 5 T01 AC 00003-02)
8. \$65,370.00 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, 1967 through June 30, 1968. (Grant No. 5 T01 MH08458-04)
9. \$56,160.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Scholarship Program," under the direction of the College of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2-036-62187-12)
10. \$54,847.00 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, 1967 through June 30, 1968. (Grant No. PHT 5-25B-67)
11. \$50,455.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "School of Extracorporeal Circulation Specialists," under the direction of the School of Allied Medical Services, for the period July 1, 1967 through June 30, 1968. (Grant No. AHP 7-4A-67)
12. \$49,139.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Residency Training," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH08386-04)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

13. \$45,372.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1967 through December 31, 1967. (Grant No. 5 S01-FR-05409-06)
14. \$43,124.00 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, 1967 through June 30, 1968. (Grant No. 5 T01 MH05061-21)
15. \$43,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for "Administration of Courses of Instruction for AID Participants," under the direction of the College of Commerce and Administration, for the period May 31, 1967 through June 30, 1968. (Contract No. AID/csd-1571 Task Order No. 1)
16. \$41,191.00 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, 1967 through June 30, 1968. (Grant No. 5 T01 MH8254-05)
17. \$39,548.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Psychiatric Social Work," under the direction of the School of Social Work, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH06530-11)
18. \$39,053.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 NB05529-02)
19. \$36,628.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 CA05192-02)
20. \$35,106.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry Training," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T02 MH05924-17)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$35,000.00 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, 1967 through June 30, 1968. (Grant No. 2 T02 DH05044-06)
22. \$31,598.00 granted by Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. 20202, to the University for "Training in Water Supply and Pollution Control," under the direction of the Natural Resources Institute, for the period July 1, 1967 through June 30, 1968. (Grant No. 5T1-WP-39-04)
23. \$29,412.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Experimental Psychology," under the direction of the the Department of Psychology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH08526-04)
24. \$27,999.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Cardiovascular Disease," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HE13971-07)
25. \$27,974.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Occupational Health," under the direction of the Department of Preventive Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 8 T01 U101038-05)
26. \$24,980.00 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, 1967 through June 30, 1968. (Grant No. 1 T01 MH10789-01)
27. \$24,000.00 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 Graduate School, for the period September 15, 1967 through September 14, 1968. (Grant No. OEG-1-7-070154-3892)
28. \$23,302.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "A Comprehensive Study of Cardiovascular Sound," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HE28243-03)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

29. \$21, 147. 00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Cardiovascular Physiology," under the direction of the College of Veterinary Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 HE05659-03)
30. \$21, 000. 00 granted by The Ford Foundation to the University for legislative internships. This is the final payment under a \$105, 000. 00 grant over a five-year period.
31. \$19, 870. 00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Taxonomic Study of Cariogenic Bacteria," under the direction of the College of Dentistry, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 K03 DE34363-01A1)
32. \$19, 870. 00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "In Vivo and In Vitro Metabolism of Sterioids," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HD22534-04)
33. \$8, 425. 00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1967 through December 31, 1967. (Grant No. 5-S01-FR-05463-05)
34. \$6, 564. 46 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 June 26, 1967 through January 15, 1968. (Grant No. OEG-1-7-078451-4576)
35. \$5, 000. 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, Lima Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001387)
36. \$5, 000. 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, Mansfield Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001388)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

37. \$5,000.00 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, Marion Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001389)
38. \$5,000.00 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, Newark Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001390)
39. \$3,675.00 additional grant from the National Science Foundation, Washington, D. C. 20550, to the University for "Academic Year Institute in Science and Mathematics for Secondary School Teachers," under the direction of the School of Education. (GW-1329)
40. \$2,700.00 additional grant from the National Science Foundation, Washington, D. C. 20550, to the University for the "Purchase of a Multi-Purpose Spectrograph," under the direction of the Department of Astronomy. (GP-5562, Amendment No. 1)
41. \$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, 1967 through June 30, 1968. (Grant No. 2 T01 MH07507-07)
42. \$1,460.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Effects of Drugs on Cardiac Transmembrane Potential and Contraction," under the direction of the Department of Pharmacology, for the period July 1, 1966 through June 30, 1967. (Grant No. 3 K03 HE11929-03S1)

TOTAL - Through the Office of Business and Finance \$2,547,354.46

Upon motion of Mr. Ketterer, seconded by Mr. France, the acceptance of the above grants was approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$251,367.00 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:

\$251,367.00 granted to the College of Medicine of The Ohio State University for support of the study of the diagnosis and treatment of ulcerogenic tumor of the pancreas.

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. Safford, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the above grant from The John A. Hartford Foundation, Inc.

The following gifts to the University were among those received since June 8, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

2. \$123,437.00 in securities (5,000 shares of common stock of the Harsco Corporation listed at mean market price as of June 9, 1967) from the Estate of Esther C. Melton (Mrs. Samuel) to be added to the endowment fund for the support of the "Samuel and Esther Melton Chair of Jewish History and Studies."
3. \$25,000.00 from the Union Carbide Corporation--\$10,000.00 for the Union Carbide Fellowship in Chemistry, \$10,000.00 for the Union Carbide Corporation Fellowship in Chemical Engineering, and \$5,000.00 for the Union Carbide Corporation Fund in Mechanical Engineering.
4. \$14,000.00 from Eli Lilly and Company for the Infectious Disease Research Fund.
5. \$10,000.00 from The Bremer Foundation for the Bremer Foundation Fund.
6. \$6,000.00 from the Woodrow Wilson National Fellowship Foundation for support of the fellowship program in the Graduate School.
7. \$4,000.00 from the Babcock & Wilcox Company for support of the programs in the areas of engineering and technical education.
8. \$4,000.00 from the Edward Orton, Jr. Ceramic Foundation for the John L. Carruthers Fellowship Fund.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

9. \$3,900.00 from The Dow Chemical Company for support of programs in the Departments of Chemistry and Chemical Engineering.
10. \$3,750.00 from the Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
11. \$3,650.00 from Kaiser Aluminum and Chemical Corporation for the Kaiser Aluminum and Chemical Corporation Fellowship Fund in Mechanical Engineering.
12. \$3,590.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$3,000.00 from American Cyanamid Company for the American Cyanamid Fellowship Fund for Chemical Engineering.
14. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
15. \$3,000.00 from Aluminum Company of America, Cleveland, Ohio, for four undergraduate scholarships.
16. \$2,700.00 from Allis-Chalmers for the Allis-Chalmers Fellowship Fund in Welding Engineering.
17. \$2,603.75 from Dolly (Mrs. A. B.) Cohen--\$2,203.75 for the purchase of jackets for the Men's Glee Club and \$400.00 for the educational television program in progress during the Spring of 1967.
18. \$2,500.00 from Lovett Meat Company, Inc., for the Ralph S. Lovett Scholarship Fund.
19. \$2,500.00 from Hercules Incorporated for the Hercules Incorporated Fund for the Department of Chemical Engineering.
20. \$2,500.00 from Sinclair Oil Corporation Foundation for support of the Sinclair Graduate Fellowship in Organic Chemistry.
21. \$2,500.00 from Reynolds Metals Company for the School of Architecture Endowment Fund.
22. \$2,107.00 from the members of the graduating classes of 1967 for the establishment of the 1967 Senior Class Memorial Scholarship Fund.

1967 Senior Class Memorial Scholarship Fund

The 1967 Senior Class Memorial Scholarship Fund was established July 1, 1967, by gifts through the Development Fund from members of the classes graduating in 1967.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

22. 1967 Senior Class Memorial Scholarship Fund (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 the occasion dictates.

Income is to be added to principal until such time as annual income equals 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 of not less than minimum tuition each for one academic year.

The recipient or recipients of the scholarship will be a child of a member of the Class of 1967, 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.

23. \$2,000.00 from Barnes-Hind Pharmaceuticals, Inc., for the Corneal Biophysics Laboratory Fund.

24. \$2,000.00 from the C. R. Porthouse Charitable Trust Fund (Cyril R. Porthouse and Roberta Diehl Porthouse)--\$1,000.00 for Student Athlete Grant-in-Aid and \$1,000.00 for the Porthouse Foundation Fund for Chemical Engineering.

25. \$1,000.00 from Simon Lazarus Foundation (Charles Y. Lazarus) for the James E. Hagerty Chair Fund.

TOTAL - Received Through the Development Fund \$484,105.25

C. Gift-in-Kind

1. A gift of a RW-300 computer and auxiliary equipment from the B. F. Goodrich Company, Akron, Ohio, through Mr. Harry B. Warner (B. Ch. E. '38, M. S. '39, Ch. E. '47), who is Group Vice President of B. F. Goodrich Company and President of B. F. Goodrich Chemical Company, for use in the Department of Chemical Engineering.

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

IV. GRANTS AND GIFTS (continued)

D. Amendment to the Description for Use of Designated Funds
Deposited in the University's Endowment Fund

Upon the request of the donor, Mr. John C. Martin, President Fawcett recommended that the description of the John C. Martin Fund as recorded in the July 17, 1964 minutes of the Board of Trustees be amended to read as follows:

John C. Martin Fund

The John C. Martin Fund was established December 31, 1963, by a gift through the Development Fund from John C. Martin, B.Sc. in Bus. Adm. '20.

The principal is to be invested under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the need occurs.

The income is to be used to defray expenses incurred by members of the faculty of the Department of Accounting in attending conferences, seminars, and other meetings of professional accounting societies. Preference is to be given to the support of young, newly appointed assistant professors attending meetings sponsored by the Ohio Society of Certified Public Accountants and the American Institute of Certified Public Accountants. In case the need for the indicated use of the income ceases to exist, the Board of Trustees of the University may use said income in its discretion, preference to be given, however, to the field of accounting.

President Fawcett recommended further that upon the request of the donor, Dr. Joseph W. Kohn, that the description of the Joseph W. Kohn Fund, as recorded in the December 9, 1965 minutes, be amended to read as follows:

Joseph W. Kohn Fund

The Joseph W. Kohn Fund was established November 1, 1965, by a gift through the Development Fund from Joseph W. Kohn, B.A. '29, M.S. '30, M.D. '34.

The income is to be used by the College of Medicine at The Ohio State University for the purpose of supporting the programs of research and teaching in the Department of Surgery. The principal of this fund shall be invested and reinvested as directed by the Board of Trustees of The Ohio State University.

The programs to be supported from the income shall cover the broad aspects of research and/or teaching in the Department of Surgery, which are designated by the Chairman of that Department and approved by the Dean of the College of Medicine.

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

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In May, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,460	\$191,337.60
Individuals other than alumni	215	5,260.90
Nonprofit organizations	45	18,879.30
Business concerns	26	163,500.44
	<u>1,746</u>	<u>\$378,978.24</u>

Of these gifts, 795 totaling \$10,040.81 were undesignated and 951 totaling \$368,937.43 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 1966-67.

National Science Foundation

310021	Chemistry - Gassman	\$ 185.41
310022	Pharmacy - Parks	1,434.97
310023	Education - Richardson	10,990.00
310034	Physics - Riley	840.36
310042	Education - Richardson	1,667.21
310043	Geography - Randall	3,094.22
310046	Education - Richardson	1,963.57
310047	Mathematics - Riner	2,877.23
310048	Geology - Spieker	694.95
310049	Engineering - Yarrington	1,535.75
	Total National Science Foundation	<u>\$ 25,283.67</u>

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare

320051	NIH - Graduate Training in Veterinary Pathology - Cole	\$ 6,059.36
320054	NIH - Undergraduate Training in Psychiatric Nursing - Newton	1,453.86
320055	NIH - Graduate Training in Social Work - Cornell	144.00
320056	NIH - Undergraduate Training in Psychiatry - Patterson	2,048.16
320058	NIH - Career Development - Hollander	1,260.11
320059	NIH - Training in Water Supply and Pollution Control - Dambach	1,427.98
320060	NIH - Graduate Training Clinical Psychology - Kelly	3,408.10
320061	NIH - Graduate Training in Endocrinology - Hamwi	2,789.28
320062	NIH - Graduate Training in Social Sciences - Sletto	3,094.78
320063	NIH - Graduate Training in Endocrinology - Ullery	1,985.70
320064	NIH - Graduate Training in Psychiatric Social Work - Prince	2,237.42
320065	NIH - Training Neurology - Allen	1,926.92
320066	NIH - Graduate Training in Dentistry - Bruce	3,173.90
320067	NIH - Graduate Training in Social Work - Shimp	2,367.55
320068	NIH - Graduate Training in Physiological Psychology - Meyer	1,174.45
320069	NIH - Training in Parasitology and Medical Entomology - Wharton	872.23
320070	NIH - Graduate Training in Experimental - General Psychology - Wickens	1,656.74
320071	NIH - Graduate Training in Psychiatry - Ristine	688.00
320072	NIH - Career Development	1,986.00
320073	NIH - Training in Medical Cardiology - Warren	5,745.25
320074	NIH - Training in Psychiatry - Ristine	2,434.20
320075	NIH - Graduate Training in Occupational Health	2,611.82
320077	NIH - Undergraduate Training in Dentistry - Trippy	2,519.96
320078	NIH - Graduate Training in Pathology - von Haam	1,525.59
320080	NIH - Graduate Training in Microbiology - Rheins	1,382.95
320081	NIH - Career Development - Besch	1,268.23
320082	NIH - Career Development - Weissler	1,745.00
320083	NIH - Training in Otolaryngology and Audiology - Saunders	6,162.57
320086	NIH - Multidisciplinary Training - Hamlin	1,703.90
320087	NIH - Graduate Training in Pharmacology - Marks	3,762.54
320088	NIH - Career Development - Wooley	1,434.00
320089	NIH - Training in Ophthalmology - Makley	2,825.86
320092	NIH - Training in Cancer - von Haam	1,214.79
320093	NIH - Training in Cancer - Wilson	299.62
320095	NIH - Career Development - Greider	1,065.00
320096	NIH - Career Development - Nelson	1,807.91

July 13, 1967 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)

320097	NIH - Graduate Training in Cardiology - Warren	\$ 1,983.31
320099	NIH - Career Development - Hamlin	1,216.67
320125	NIH - Career Development	332.54
330002	Children's Bureau - Child Development - Knobloch	2,507.16
330003	Children's Bureau - Child Welfare - Schneiderman	2,169.48
330012	OASI - Rehabilitation Center	3,456.59
330016	VRA - Teaching in Speech, Pathology, and Audiology - Schlanger	1,126.86
330017	VRA - Teaching in Medical Sociology - Nagi	1,055.26
330018	VRA - Teaching in Physical Therapy - Woods	685.98
330020	VRA - Traineeships in Rehabilitation Medicine - Johnson	6,211.78
340014	OE - Vocational Education in Agriculture - Taylor	12,000.00
340015	OE - Center for Vocational and Technical Edu- cation - Taylor	75,000.00
340016	OE - Slavic Language and Area Center - Twarog	5,600.00
340020	OE - Advanced Study for Geography Teachers - Brown	3,876.90
340021	OE - Advanced Study in English - Eberhart	7,854.00
340022	OE - Summer Institute for Teachers of French - Allen	7,892.97
340023	OE - Advanced Study in Counseling and Guidance - Robinson	6,886.00
340025	OE - Advanced Study in Arts and Humanities - Ecker	7,370.00
	Total U. S. Department of Health, Education, and Welfare	<u>\$226,489.23</u>

Miscellaneous

390004	AID - Service Charges for Participants	\$ 3,090.00
390009	U. S. Navy - M. E. N. D. - Shillito	1,660.42
390013	Veterans' Administration - 10%	171.98
390020	AID - Brazil - Agriculture	25,000.00
390022	AID - Africa - Commerce - Task Order No. 2	631.42
390027	AID - Africa - Commerce - Task Order No. 3	430.59
390034	AID - India - Punjab Agricultural University	8,264.64
390035	AID - India - University of Udaipur	9,586.04
390036	U. S. Department of Labor - Peters	9,932.61
531115	E. O. P. A. of Greater Toledo - Cooperative Extension Service	350.00
531117	L. S. I. Service Corporation - Project Head Start - Education	2,898.00

July 13, 1967 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

Miscellaneous (continued)

531118	City of Columbus O. E. O. - Cooperative Extension Service	\$ 1,000.00
531037	Continental Casualty Company	17,976.25
	Total Miscellaneous	<u>\$ 80,991.95</u>
	GRAND TOTAL	<u>\$332,764.85</u>

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

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VI. EXTRA ORDERS TO CONTRACTS

A. Summary of Extra Orders Approved by the President

On October 12, 1962, the Board of Trustees authorized the President to approve all individual change orders on projects where said orders did not exceed \$500.00 each, with the understanding that such actions thus taken were to be reported to the Board upon completion of each of the respective projects and that the said reports should be in total amounts and not in detail. Therefore, a summary of the change orders which have been approved by the President, as authorized by the Board of Trustees, was reported for the following projects:

Administration Building Repairs (B/A 801068)	\$ 1,384.80
Aerodynamics and Missile Propulsion Laboratory (B/A 801028)	5,265.39
Athletic Facility North (B/A 801076)	923.00
Chemical Research Facilities (Item 315-010, S. B. 370, H. B. 949 and H. B. 202)	2,712.18
Curl Drive, Phase I (Item 315-006, H. B. 949)	374.95
Completion of Curl Drive (B/A 801062)	87.00
Dayton Branch, Phase II (Item 315-017, S. B. 370 and H. B. 949)	1,050.67
Engineering Classrooms and Laboratories (Item 315-007, S. B. 370 and H. B. 949)	8,213.27
Food Facility, Phase III (B/A 920600)	(63.35)
Service Center - Laundry (B/A 801059)	455.00
Lima - Phase I (Item 315-018, S. B. 370 and H. B. 949)	1,701.39
Mansfield - Phase I (Item 315-019, S. B. 370 and H. B. 949)	2,176.64
Raney Commons (Dining Facility Northeast) (B/A 801037)	3,894.10
University Printing Facility - Phase I (B/A 801074)	924.00
Repairs to Sisson Hall (B/A 801061)	950.00

July 13, 1967 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

A. Summary of Extra Orders Approved by the President (continued)

Taylor Tower (Student Housing, Building No. 10)	
(B/A 801037)	\$ 2,414.28
University Hospital - Repairs to Intensive Care Unit	
(B/A 960200)	(425.00)
	<u>\$32,038.32</u>

Upon motion of Mr. France, seconded by Mr. Safford, the above report was approved and the action ratified by unanimous roll call vote.

B. Recommendation Concerning Change Orders on Construction, Remodeling, and Repair Projects

Inasmuch as it is desired to expedite change orders on all construction, remodeling, and repair projects, while at the same time maintaining strict and careful control of same, President Fawcett recommended that the Vice President, Business and Finance of The Ohio State University, be authorized to approve such orders on behalf of the Board of Trustees with the expressed understanding that the aggregate amount of such orders shall not exceed the contingency funds previously established by the Board of Trustees. Actions thus taken are to be reported to the Board of Trustees upon the completion of each of the respective projects.

Upon motion of Mr. Frederick Jones, seconded by Mr. John Ketterer, the Board of Trustees by roll call vote unanimously approved the above recommendation, the action of the Board of Trustees at the October 12, 1962 meeting of said Board notwithstanding.

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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. McCracken Power Plant - Conversion of No. 5 Boiler to Gas

This project involves the conversion of No. 5 boiler from coal burning to gas-oil combination firing in a further attempt to eliminate as far as possible the source of atmospheric pollution.

Funds for this project will be provided from Budget Account 801084 and Budget Account 121658.

July 13, 1967 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

B. McCracken Power Plant - Fuel Oil System Remodeling

This project will increase the capacity of the present fuel oil storage capacity and pumping system to enable the firing of more than two boilers with oil in case of emergency.

Funds for this project will be provided from Budget Account 801103.

C. Sprinkling System Revisions

This project covers the revision of the sprinkling systems on the Campus, making use of well water where available and submetering to lower cost of city water used for outside sprinkling.

Funds for this project will be provided from Budget Account 121658.

Upon motion of Mr. Safford, 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 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. Research Space, East Side of Stadium - Phase IV

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-16-67)		
Wagenbrenner Construction Co.		
(Columbus)		
Base Bid	\$ 184,500.00	\$ 197,000.00
Alt. G-1 Elevator	11,000.00	15,000.00
Total	<u>\$ 195,500.00</u>	<u>\$ 212,000.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 6-7-67)		
Kuempel Co. (Columbus)		
Base Bid	<u>\$ 69,440.00</u>	<u>\$ 89,000.00</u>

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Research Space, East Side of Stadium - Phase IV (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 6-7-67)		
The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 6,460.00	\$ 6,500.00
<u>Electrical Contract</u>		
(4 bids received 6-7-67)		
States Electric Co. (Columbus)		
Base Bid	<u>\$ 31,470.00</u>	<u>\$ 52,500.00</u>
<u>Total All Contracts</u>	<u>\$ 302,870.00</u>	<u>\$ 360,000.00</u>

Funds for this project are provided from Budget Account 801020.

B. University College - Building I

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-21-67)		
Robert W. Setterlin & Sons Co. (Columbus)	\$1,955,000.00	\$2,004,204.00
<u>Plumbing Contract</u>		
(3 bids received 6-21-67)		
The Huffman-Wolfe Co. (Columbus)	98,800.00	158,240.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 6-21-67)		
The Huffman-Wolfe Co. (Columbus)	581,100.00*	512,700.00
<u>Electrical Contract</u>		
(5 bids received 6-21-67)		
States Electric Co. (Columbus)	<u>376,547.00*</u>	<u>282,106.00</u>
<u>Total All Contracts</u>	<u>\$3,011,447.00</u>	<u>\$2,957,250.00</u>

* The low bids on the Heating and Electrical Contracts are over the estimate of cost, but it is not believed that better bids could be obtained by re-advertising. Award of these contracts is subject to Controlling Board approval.

Funds for this project are provided from Item 315-037, H. B. 949.

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Lima Campus - Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-13-67)		
Peterson Construction Co. (Wapakoneta, Ohio)		
Base Bid	\$ 493,000.00	\$ 475,143.00
<u>Plumbing Contract</u>		
(3 bids received 6-13-67)		
Terry P. Smith, Inc. (Lima, Ohio)		
Base Bid	\$ 78,439.00	\$ 61,506.00
<u>Mechanical Contract</u>		
(3 bids received 6-13-67)		
Boughman Bros., Inc. (Lima, Ohio)		
Base Bid	\$ 147,587.00	\$ 132,694.00
Alt. M-2 Chemical Feed System	700.00	1,400.00
Total	<u>\$ 148,287.00</u>	<u>\$ 134,094.00</u>
<u>Electrical Contract</u>		
(3 bids received 6-13-67)		
Suburban Electric Co. (Lafayette, Ohio)		
Base Bid	\$ 126,128.00	\$ 88,657.00
<u>Total All Contracts</u>	<u>\$ 845,854.00</u>	<u>\$ 759,400.00</u>

Note: All bids received are over the estimate of cost, but it is not believed that better bids could be obtained by re-advertising. Award of these contracts is subject to Controlling Board approval.

Funds for this project are provided from Item 315-018, H. B. 202.

D. Horticulture, Forestry, and Food Technology Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 6-15-67)		
Knowlton Construction Co. (Bellefontaine, Ohio)		
Base Bid	\$1,153,300.00	\$1,165,000.00

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Horticulture, Forestry, and Food Technology Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 6-23-67)		
Sauer, Inc. (Pittsburgh, Pa.)		
Base Bid	\$ 753,000.00**	\$ 745,000.00*
<u>Plumbing Contract</u>		
(2 bids received 6-23-67)		
Sauer, Inc. (Pittsburgh, Pa.)		
Base Bid	\$ 363,000.00**	\$ 359,730.00*
<u>Electrical Contract</u>		
(4 bids received 6-23-67)		
S & S Electric Co., Inc.		
(Columbus, Ohio)		
Base Bid	\$ 448,500.00	\$ 450,000.00*
Alt. E-2 Emergency Generator	32,643.00	40,000.00
Alt. E-4 Janitors Call System	414.00	1,500.00
Total	<u>\$ 481,557.00</u>	<u>\$ 491,500.00*</u>
<u>Laboratory Equipment Contract</u>		
(4 bids received 6-15-67)		
Brown-Morse Co.		
(Muskegon, Michigan)		
Base Bid	\$ 142,450.00	\$ 165,000.00
<u>Greenhouse Construction Contract</u>		
(4 bids received 6-23-67)		
Lord & Burnham, Division of Burnham		
Corp. (Irvington-on-Hudson,		
N. Y.)		
Base Bid	\$ 122,455.00	\$ 133,450.00*
<u>Total All Contracts</u>	<u>\$3,015,762.00</u>	<u>\$3,059,680.00</u>

* Revised estimates of cost for rebidding purposes.

** The low bids on the Heating and Plumbing Contracts are over the estimated cost but it is not believed that better bids could be obtained by readvertising a second time.

Funds for this project will be provided from Item 046, H. B. 949.

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. University Print Shop - Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 6-16-67)		
Wagenbrenner Construction Co. (Columbus, Ohio)		
Base Bid	\$ 135,800.00	\$ 137,950.00
Alt. G-2 Additional Concrete Block Walls	6,986.20	6,986.20
Alt. G-5 Doors and Hardware	1,320.00	1,520.00
Total	<u>\$ 144,106.20</u>	<u>\$ 146,456.20</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(7 bids received 6-16-67)		
The Huffman-Wolfe Co. (Columbus, Ohio)		
Base Bid	\$ 210,600.00*	\$ 195,050.00
<u>Plumbing Contract</u>		
(6 bids received 6-16-67)		
The Huffman-Wolfe Co. (Columbus, Ohio)		
Base Bid	\$ 36,500.00	\$ 51,950.00
<u>Electrical Contract</u>		
(2 bids received 6-16-67)		
S & S Electric Co. (Columbus)		
Base Bid	\$ 89,800.00	\$ 99,050.00
Alt. E-1 Equipment Connections	2,993.77	7,500.00
Total	<u>\$ 92,793.77</u>	<u>\$ 106,550.00</u>
<u>Total All Contracts</u>	<u>\$ 483,999.97</u>	<u>\$ 500,006.20</u>

* This bid was over the estimate of cost but it is not believed that better bids could be obtained by readvertising.

Funds for this project are provided from Item 315-049, H. B. 949, and Budget Account 801074.

Upon motion of Mr. Jones, 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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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Health Sciences Information Center - Employment of Architects

President Fawcett recommended that the architectural firm of C. Curtiss Inscho and Associates be employed to provide schematic studies and drawings in accordance with Federal Regulations for grant applications, with provisions for complete architectural service if the project proceeds beyond the schematic stage.

The fee for this service will be calculated on the basis of work to be performed for the grant application and is estimated to be \$26,400.00. Funds for this work will be provided from money to be reappropriated from H. B. 202.

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

B. Wright State Campus - Relocation of Laboratories and Offices - Employment of Architects

President Fawcett recommended that the architectural firm of Lorenz and Williams 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 computed at 6 per cent of the contract cost and is estimated to be \$9,000.00. Funds will be provided from a grant from the Office of Education, Title I, for Wright State Campus.

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

C. Acquisition of Property for Educational, Research, Housing, and Service Facilities

President Fawcett presented the following resolution for consideration of the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real property located between Eighth Avenue and Tenth Avenue, bounded on the east by Neil Avenue and on the west by State of Ohio lands; 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, housing, and service facilities, will be required to acquire most, if not all of the land lying between Eighth and Tenth Avenues east of present State of Ohio land and west of Neil Avenue; and

July 13, 1967 meeting, Board of Trustees

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

C. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

WHEREAS, the Trustees of The Ohio State University deems 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 therefore, find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with purchase of the following described real estate with funds to be reappropriated from H. B. 202 and, when these funds are exhausted, to utilize additional funds as they are made available for this acquisition 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 Columbus, Franklin County, Ohio:

Being Lots numbered 23 to 31, inclusive, William N. Kings, Neil Avenue Subdivision, and commonly known as 303 through 341 West Ninth Avenue and 1548 Michigan Avenue and Lots numbered 26 to 28, inclusive, Elizabeth J. McMillens Homestead Addition and commonly known as 348 and 352 West Eighth Avenue.

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

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Charles Henry Shaw, Professor in the Department of Physics; Albert Benedict Wolfe, Professor Emeritus in the Department of Economics; Laura Zirbes, Professor Emeritus in the School of Education; and James Burton Tharp, Professor Emeritus in the School 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. Charles Henry Shaw

The Board of Trustees expresses its sorrow at the death on June 5, 1967, of Charles Henry Shaw, Professor in the Department of Physics.

Professor Shaw was born in Los Angeles, California, on January 26, 1908. He received his bachelor's degree from the University of California at Los Angeles in 1930 and his doctor of philosophy degree from Johns Hopkins University in 1933. He was an Instructor at Johns Hopkins, 1933-34, and a National Research Council Fellow at Cornell, 1934-36.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Charles Henry Shaw (continued)

He returned to Johns Hopkins as an American Philosophical Society Fellow, 1936-38; was an Assistant Professor of Physics, 1938-46; and served as Senior Physicist at the Applied Physics Laboratory, 1943-46.

In 1946 Dr. Shaw joined the Department of Physics of The Ohio State University as Associate Professor and in 1954 was promoted to Professor. During this time he carried on an active program of research in X-ray spectroscopy and X-ray diffraction which received support from the Office of Naval Research, the Atomic Energy Commission, the National Science Foundation, and the Research Corporation.

Dr. Shaw was also much interested in the problems of instruction and was respected by his many students. He was a member of Phi Beta Kappa, Sigma Xi, Gamma Alpha, American Physical Society, American Association of Physics Teachers, New York Academy of Sciences, and Ohio Academy of Sciences.

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. Albert Benedict Wolfe

The Board of Trustees expresses its sorrow at the death on June 3, 1967, of Albert Benedict Wolfe, Professor Emeritus in the Department of Economics.

Professor Wolfe was born in Arlington, Illinois, on August 23, 1876. He earned three degrees from Harvard University, A. B. 1902, A. M. 1903, and Ph.D. 1905. He was a member of the faculties at Oberlin College from 1905 to 1914 and the University of Texas from 1914 to 1923. During World War I he served in federal war agencies for approximately two years. Dr. Wolfe joined the Department of Economics at The Ohio State University as a Professor in 1923, was Chairman of the Department from 1928 to 1940, and retired in 1946.

Dr. Wolfe earned recognition as a distinguished economist and social scientist and as a challenging, stimulating teacher. His major interests through life were centered on population problems. He published widely, his more notable publications included; Conservatism, Radicalism and Scientific Methods; Population Problems in the United States and Canada; Business Management as a Profession; The Social Sciences and Their Interrelations; and Economics, Sociology and the Modern World.

Dr. Wolfe was a member of the Editorial Board of the American Economic Association and served as Vice President of the Association in 1936 and President in 1943. In 1956 The Ohio State University conferred on him an honorary Doctor of Laws degree. He was also a member of the American Association of University Professors and the Population Association of America.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Albert Benedict Wolfe (continued)

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

C. Laura Zirbes

The Board of Trustees expresses its sorrow at the death on June 9, 1967, of Laura Zirbes, Professor Emeritus in the School of Education.

Professor Zirbes was born in Buffalo, New York, on April 26, 1884. She earned three degrees from Columbia University: B.S., 1925; A.M., 1926; and Ph.D., 1928. She was granted the honorary degree of L. H. D. by Culver-Stockton College in 1962.

Following sixteen years as an elementary school teacher in the schools of Cleveland, Ohio, Professor Zirbes became a Research Associate in Reading at The Lincoln School and a Lecturer in Education at Teachers College, Columbia University, between 1920 and 1928 when she joined the faculty of The Ohio State University as an Associate Professor of Education. She became a Professor in 1931. For nine years she directed the summer program and for four years directed the elementary grades at the University School of the College of Education at The Ohio State University. She gave major leadership to the development of the College of Education program for the professional preparation of elementary school teachers. She was granted the Professor Emeritus title upon her retirement in 1954.

A widely noted professional writer and lecturer in Education, Professor Zirbes made her greatest contribution through the inspiration she gave to teachers and educational leaders to embrace progressive ideas and to relate education to the deeper meanings of American life and the basic changes developing in American society.

Dr. Zirbes was an adviser to 30 recipients of the Ph.D. degree from The Ohio State University and to more than 200 recipients of the M. A. degree. She received an achievement award as "Woman of the Year" from the National Women's Press Club in 1948. Professor Zirbes' memory will be cherished, not only for the distinction as a professional leader, but also by countless individual teachers with whom she worked tirelessly in the attainment of their professional aspirations.

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.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. James Burton Tharp

The Board of Trustees expresses its sorrow at the death on June 20, 1967, of James Burton Tharp, Professor Emeritus in the School of Education.

Professor Tharp was born in Frankton, Indiana, on June 8, 1892. He received his Bachelor of Arts degree from Indiana University in 1921 and his Master of Arts and Doctor of Philosophy degrees were earned at the University of Illinois in 1924 and 1928, respectively. He also completed special language studies at the University of Grenoble, in France, in 1919 and 1929. For eight years, he taught in Indiana public schools and for seven years he was a Graduate Assistant and Associate in the field of Romance Languages at the University of Illinois. He joined the faculty of The Ohio State University as an Assistant Professor of the Teaching of Foreign Languages in 1929, progressed through the academic ranks to Professor in 1942, and became Professor Emeritus in 1958. For short intervals, he also served on the faculties of Middlebury College, Vanderbilt University, and Mexico City College; and as a member of a cultural mission to Haiti for the U. S. Department of State.

Professor Tharp was widely known as a leader in the improvement of the teaching of foreign languages in the public schools of the nation. He was active in leadership capacities in the work of many national professional organizations, such as the Modern Language Association and the American Association of Teachers of French. His indefatigable labors in advisement and sponsoring of his students will long be remembered by them and by his colleagues in the University faculty. He was decorated as Officier d'Academie by the Government of France in 1939, and as Commandeur de l'Ordre Nat'l. Honneur et Merite by the Government of Haiti in 1943.

From 1946 until 1965, Professor Tharp developed and directed the program of Winter Quarter in Mexico at Mexico City College (now the University of the Americas), in which many students of The Ohio State University participated.

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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July 13, 1967 meeting, Board of Trustees

XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held June 16, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on June 16, 1967 approved the following new degree programs for The Ohio State University:

1. Master of Arts in Chinese Language and Literature
2. Master of Science and Doctor of Philosophy in Medical Microbiology
3. Doctor of Philosophy in Biostatistics

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Secretary was instructed by unanimous vote to include the above report in the minutes of this meeting.

B. Annual Report for the Engineering Experiment Station

Mr. Mount reported that the Annual Report for the Engineering Experiment Station has been received. Pursuant to instructions of the Board of Trustees a copy of the said report will be mailed to each member of the Board of Trustees and a copy will be filed with the official records of the Board of Trustees.

C. Reports from the Finance and Investment Committee

1. Authorization to Sell Property Located at 88 East Eighteenth Avenue and 2117-2119 Summit Street, Columbus, Ohio, Held Under Trust of Byron W. Davis

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution and moved that it be adopted:

WHEREAS, the Finance and Investment Committee of the Board of Trustees of The Ohio State University has taken notice of the irrevocable inter vivos trust of Byron W. Davis dated January 4, 1961, under which The Ohio State University becomes a beneficiary of the trust;

WHEREAS, the said Board committee has taken notice of the trust's ownership of real estate located at 88 East Eighteenth Avenue, Columbus, Ohio, and at 2117-2119 Summit Street, Columbus, Ohio, and of the preference of Byron W. Davis that the University continue to hold the real estate;

WHEREAS, the said Board committee has considered the problems involved in keeping and managing these properties, and considered the various offers to purchase the properties which were presented to the Board; and,

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

1. Authorization to Sell Property Located at 88 East Eighteenth Avenue and 2117-2119 Summit Street, Columbus, Ohio, Held Under Trust of Byron W. Davis (continued)

WHEREAS, the said Board committee has taken notice of the following offers to purchase:

- 1) of the property located at 88 East Eighteenth Avenue, and
 - a. The offer of Harold R. Barnes dated July 11, 1967, to purchase the property for \$24,500.00 cash.
 - b. The offer of Robert B. Wilder dated July 11, 1967, to purchase the property for \$25,000.00 subject to the owner carrying secondary financing of \$8,000.00 with interest at 8% for eight years on a monthly reducing basis.
- 2) of the property located at 2117-2119 Summit Street.
 - a. The offer of Carolyn A. White dated July 11, 1967, to purchase the property for \$16,100.00 in cash.
 - b. The offer of Jon R. Martin dated July 11, 1967, to purchase the property for \$15,000.00 in cash subject to a satisfactory termite inspection.
 - c. The offer of Paul E. Rine dated July 11, 1967, to purchase the property for \$16,260.00 in cash.

NOW, THEREFORE, BE IT RESOLVED that acting under the authority granted it by Paragraph 3.22 of the trust agreement and upon the recommendation of its Finance and Investment Committee, the Board of Trustees of The Ohio State University hereby finds that clear and convincing reason has been demonstrated and the Board is satisfied that the preference of Byron W. Davis to have the properties retained has become ill-advised and contrary to the overriding interests of the University.

BE IT FURTHER RESOLVED that the Board of Trustees of The Ohio State University finds that the properties should be sold and therefore the Board hereby authorizes The Huntington National Bank & Trust Company of Columbus, trustee, to accept the offer of Harold R. Barnes in the amount of \$24,500.00 cash for the property located at 88 East Eighteenth Avenue; and to accept the offer of Paul E. Rine in the amount of \$16,260.00 cash for the property located at 2117-2119 Summit Street.

Mr. James Shocknessy seconded Mr. France's motion and the above resolution was adopted by unanimous roll call vote.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

2. Resolution Concerning the Issuance and Sale of \$10,500,000 Dormitory Revenue Bonds, Series I, and Other Matters Related Thereto

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

Resolution Concerning the Issuance and Sale of
\$10,500,000 Dormitory Revenue Bonds, Series I,
and Other Matters Related Thereto

RESOLVED, that the Board of Trustees hereby adopts the Series I Bond Resolution as set forth in the Fourth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus, as Trustee, (presented to this meeting and marked Supplement A, page 53).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fourth Supplemental Trust Agreement (as presented to this meeting and marked Supplement A) in all respects and the officers designated in the Series I Bond Resolution are hereby authorized to execute and deliver said Fourth 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 and C, Supplement B (page 85) setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution and Supplement C (page 89) certifying as to 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 relating to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

2. Resolution Concerning the Issuance and Sale of \$10,500,000 Dormitory Revenue Bonds, Series I, and Other Matters Related Thereto (continued)

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fourth Supplemental Trust Agreement or the Original Trust Agreement, 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 forms of bank resolutions 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 I Bonds, subject, however, to all applicable provisions of the Series I Bond Resolution.

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", "Project", and "Cost of Project" shall have the same meanings as are given to them in the Series I Bond Resolution.

FURTHER RESOLVED, that the adoption of the Series I and Series J Bond Resolution and approval of the Fourth Supplemental Trust Agreement on September 8, 1966, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series I Bond Resolution and approval of the Fourth Supplemental Trust Agreement by the aforesaid act this day.

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

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1967, for the purpose of refunding in part \$14,000,000 Dormitory Revenue Notes heretofore issued for the purpose 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 the 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 \$14,000,000 Dormitory Revenue Notes of 1966, dated as of September 15, 1966, issued for the purpose of paying the costs of the Project and

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

bearing interest at the rates of 4-1/4%, 6% and 6-1/2% per annum, all maturing on September 15, 1967 (the said outstanding note issue being herein called the "Outstanding Notes"); and

WHEREAS, the Board has heretofore authorized the issuance of a principal amount of \$10,500,000 Dormitory Revenue Bonds, Series I to refund, in part, the outstanding Notes, and has funds otherwise lawfully available to refund a principal amount of \$500,000 of said 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; and

WHEREAS, the Fiscal Officer of the University is hereby authorized and directed to solicit 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 award said notes as in his best judgment is for the best interest of the University;

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 1967 (herein called the "1967 Notes"), in the aggregate principal amount of \$3,000,000 for the purpose of refunding part of the presently outstanding \$14,000,000 principal amount of The Ohio State University Dormitory Revenue Notes of 1966 dated as of September 15, 1966.

Section 2. The principal of and interest on the 1967 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

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

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 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 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 1967 Notes, of dormitory revenue bonds or notes for the refunding of the 1967 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 1967 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 1967 Notes shall be dated as of September 15, 1967, shall mature on September 15, 1968, shall bear interest at a rate not to exceed 6% per annum, but at the rate determined by the Fiscal Officer in his Certificate of Award described below and payable semi-annually or at maturity as requested by the Original Purchaser, shall be designated "The Ohio State University Dormitory Revenue Notes, Series 1967", shall be in denomination of \$5,000 or any multiples thereof as requested by the Original Purchaser and approved by the Fiscal Officer, or may be represented by a single note for the entire issue as may be requested by the Original Purchaser. 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, shall 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 93), 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.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

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.

Section 4. Said 1967 Notes shall be awarded the purchaser submitting the proposal which the Fiscal Officer, in his best judgment determines is best for the interest of the University, which award shall be evidenced by a Certificate of Award of said Fiscal Officer 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 his said award 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. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

4. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1967, and Other Matters Related Thereto

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, 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 1967, 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 E, page 97).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement (as presented to this meeting and marked Supplement E) in all respects and the officers designated in the

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

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

4. Resolution Concerning the Issuance and Sale of \$3,000,000
Dormitory Revenue Bonds, Series J, and the Dormitory Revenue
Notes, Series 1967, and Other Matters Related Thereto (continued)

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 Supplement F (page 129) setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution, be and the same is 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 relating 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 by the resolution providing for the issuance and sale of the \$3,000,000 Dormitory Revenue Notes, Series 1967, 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 resolutions required in connection with effecting the foregoing.

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.

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

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

D. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated June 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

E. Report on International Program Development of the University

Upon the invitation of President Fawcett, the Associate Dean of Faculties for International Programs, Dr. Leon I. Twarog, was presented to the Board by Vice President and Provost John E. Corbally, Jr., for the purpose of providing a report on the current status of and future plans for the University's International Programs.

In summary, Dr. Twarog presented the "academic blueprint" which has been prepared during the past year for strengthening and developing graduate programs in international education on The Ohio State University campus for the next decade. He indicated that the "blueprint" for such programs when completed will come to the Board of Trustees for consideration and hopefully approval.

Dr. Twarog presented statistics which documented the relative slowness of the State of Ohio in developing significant programs in international education. The program of Slavic Languages and Literatures at this University is the only such program of international significance in the State of Ohio. At most of the universities of the Big Ten there are four or more graduate programs for international education.

Dr. Twarog indicated that the two most important aspects for the development of such language and area programs are an outstanding faculty and excellent library and research collections. He reported that "It costs at least \$1,000,000 per program for library acquisitions and the processing of materials for a collection of 100,000 volumes which is considered to be minimal for an excellent program. A very conservative estimate of what it would take to bring our library collections to this figure for five areas (Slavic, East Asian, Latin American, Near and Middle East, and South-east Asia) is \$5,300,000. The addition of 75 graduate faculty area specialists within the next five years will be essential. For 1968-69 approximately \$300,000 will be required for additional program support and for support of faculty research, publication, and academic travel."

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Thereupon the Board adjourned to meet Thursday, September 14, 1967, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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SUPPLEMENT A

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I

FOURTH SUPPLEMENTAL TRUST AGREEMENT

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THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I

FOURTH SUPPLEMENTAL TRUST AGREEMENT

THIS FOURTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 1st day of August, 1967 (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, and April 15, 1961, respectively, entered into First, Second and Third Supplemental Trust Agreements (which original trust agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$21,060,000 Series A, B, C, D, E, F, G and H Dormitory Revenue Bonds have been authorized and 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 \$10,500,000 Additional Series I Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$10,500,000 of Additional Bonds (herein called the Series I Bonds); and

Fourth Supplemental Trust Agreement

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

WHEREAS, the Series I Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$10,500,000 The Ohio State University Dormitory Revenue Bonds, Series I 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 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, 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,

Fourth Supplemental Trust Agreement

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 control of said Board excepting such parts of the receipts of the operation of any such buildings under the control of the Board as it may pledge to secure the payment of such indebtedness, and by authority of said Section 3345.07 of 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, 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, and Fourth 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

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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, and \$2,850,000 Series H Bonds have been authorized and issued, and the unmatured portions of such Series A through H 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 \$10,500,000 Additional Bonds designated Dormitory Revenue Bonds, Series I (herein called the Series I 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 dormitories and dining facilities to be known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility (said dormitory buildings and dining facility and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans approved by the Department of Public Works of Ohio, and prepared by the University Architect; and

WHEREAS, based upon final construction costs, construction contracts and estimates received from its architect, the University has determined that the

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costs of the Project will be \$13,500,000, including capitalized interest, miscellaneous expense and contingencies; and

WHEREAS, the University has determined to borrow the funds to pay part of the foregoing costs, and to advertise for bids for the purchase of \$10,500,000 Dormitory Revenue Bonds, Series I, by investment bankers or others, it having been determined that the balance of such costs, shall be provided by the issuance of \$3,000,000 principal amount of Dormitory Revenue Bonds, Series J, (herein called the Series J Bonds) as Additional Bonds on a parity with all other Bonds to provide the balance of the cost of Jones Tower, subject to the terms of a loan agreement between the University and the United States of America, Department of Housing and Urban Development, with respect to Jones Tower and the Series J Bonds (herein called the Loan Agreement), and to any extent necessary, from other funds of the University available for the payment of such costs.

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

Section 1. Purpose of Series I Bonds. It is hereby determined to be necessary to construct the Project and to issue \$10,500,000 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 costs 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, consistent with Section 4 hereof.

Section 2. Terms of Series I Bonds. Said \$10,500,000 of Dormitory Revenue Bonds shall be issued as Series I Bonds under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds, Series I," shall be initially issued in coupon

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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 I Bonds in coupon form shall be dated August 1, 1967, and shall be in the denomination of \$5,000 each and registrable as to principal. Series I Bonds in fully registered form shall be in the denomination of \$5,000 or any multiple thereof. Such bonds in both coupon and fully registered form shall be numbered as determined by the Fiscal Officer of the University. Each Series I Bond in fully registered form without coupons shall be dated as of the interest payment date on which it is authenticated or on the interest date next preceding the date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date; provided, however, if at the time of authentication of a registered bond without coupons, interest is in default, such Bond shall be dated as of the date to which interest has been paid. The Series I Bonds shall bear interest payable semi-annually on April fifteenth and October fifteenth of each year, beginning April 15, 1968, until the principal sum is paid at the rate or rates per annum stipulated in the bid of the successful bidders, and approved in writing by the President or Fiscal Officer of the University provided that no such rate shall exceed 6% per annum. The Series I Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1968	\$120,000	1978	\$165,000	1988	\$240,000	1998	\$375,000
1969	125,000	1979	170,000	1989	245,000	1999	400,000
1970	130,000	1980	180,000	1990	255,000	2000	425,000
1971	135,000	1981	180,000	1991	265,000	2001	450,000
1972	140,000	1982	190,000	1992	285,000	2002	475,000
1973	145,000	1983	200,000	1993	300,000	2003	500,000
1974	150,000	1984	205,000	1994	315,000	2004	515,000
1975	155,000	1985	210,000	1995	325,000	2005	530,000
1976	160,000	1986	220,000	1996	335,000	2006	545,000
1977	160,000	1987	230,000	1997	350,000		

The Series I Bonds maturing on and after October 15, 1978 shall be subject to redemption in whole or in part on any interest payment date on and after October 15,

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1977, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 104% if redeemed on or before October 15, 1982;
- 103% if redeemed thereafter but on or before October 15, 1987;
- 102% if redeemed thereafter but on or before October 15, 1992;
- 101-1/2% if redeemed thereafter but on or before October 15, 1997;
- 101% if redeemed thereafter.

If less than the entire unmatured portion of the Series I Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of the Bonds of that series outstanding; and if less than all of the Series I Bonds outstanding of one maturity are to be called, the selection of Bonds or portions of fully registered Bonds of such series and of that maturity to be called shall be made by lot conducted by the Trustee under the Trust Agreement. Such call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series I 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 rate. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

The principal and interest of the Series I 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

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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.

The Series I 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.

Section 3. Sale of Series I Bonds. The Series I Bonds shall be offered for sale, by solicitation of proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms, including specification of a lower maximum interest rate than that specified in Section 2 hereof, as determined by the President or the Fiscal Officer of the University, subject, however, to all applicable provisions of this Resolution.

Section 4. Allocation of Proceeds of Series I Bonds. The proceeds from the sale of Series I Bonds shall be allocated 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 Fund so provided for.

(2) The sum of \$610,000 to a separate fund to comprise the Series J Construction Fund under the bond resolution authorizing the Series J Bonds and to be held and invested and used for paying costs of Jones Tower and any balance to be transferred or applied, all as provided in the Series J Bond Resolution (as the same may

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be amended, supplemented or superseded), subject to the terms of the Loan Agreement.

(3) To the University the amounts necessary to reimburse the University for amounts expended by it on construction of the Project prior to issuance of the Series I Bonds.

(4) The balance to the Series I Construction Fund to be held by the Trustee to pay the costs of constructing and equipping the Project and all incidental expenses of the Project and the financing thereof, including, without limiting the generality of the foregoing, the repayment of any amounts borrowed by the University to pay Project costs and interest thereon, the costs of all moveable equipment for the Project, including Jones Tower, the costs of placing the Project in operation and any other purpose relating to the Project or the financing thereof for which the proceeds of the Series J Bonds would not be available, and including reimbursement to the University of amounts previously advanced from any other funds of the University for payment of costs of the Project and not required in the Series I Construction Fund for payment of other costs of the Project. Any amount needed for the costs of construction of Jones Tower in addition to that otherwise provided in the Series J Construction Fund may be paid directly from the Series I Construction Fund or transferred therefrom to the Series J Construction Fund.

The Trustee shall apply the Series I 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 certification by such official that the amount to be paid from the Series I Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the

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payment is to be made directly from the Series I Construction Fund to satisfy an obligation under a construction contract relating to the Project, such written request shall further certify that such payment was certified as due under such contract by a qualified architect or engineer.

The Series I Construction Fund shall be invested by the Trustee in such obligations of the United States, obligations of agencies or instrumentalities of the United States, or certificates of deposit of banks and or trust companies having a combined capital and surplus of not less than five million dollars, 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. Interest on such investments and the proceeds of sale thereof shall constitute part of such Fund. 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.

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

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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 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

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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.

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, and I 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 shall 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

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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, however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement or the then outstanding Bonds. On the terms provided herein, in 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

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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 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

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of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, and H 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 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 in 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, as defined in Section 10 hereof, now or hereafter under the control of the Board 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.

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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 and H Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G and H 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 I Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount otherwise available in said Debt Service Fund for such payment; (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 I 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, and I 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

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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 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

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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.

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 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

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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. 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 the 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.

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

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of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fourth 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 I 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 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 I 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 officer 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, and I Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, and I 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

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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.

Fourth 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 to effect the execution, sale and delivery of said Series I Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. 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 I 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 I Bond and is one of a duly authorized issue of \$10,500,000 of Dormitory Revenue Bonds Series I 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 13, 1967 (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 and Fourth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

Fourth Supplemental Trust 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 October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. 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, and I 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 August 1, 1967.

Fourth 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 Fourth Supplemental Trust Agreement dated as of August 1, 1967.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

* * * * *

(Form of Coupon)

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, 1957, and supplement thereto dated August 1, 1967, 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 I dated August 1, 1967.

(Facsimile Signature)

Bond No. _____

Coupon No. _____

Secretary of the Board of Trustees

(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

Fourth Supplemental Trust Agreement

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 I Bond and is one of a duly authorized issue of \$10,500,000 of Dormitory Revenue Bonds Series I 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 13, 1967 (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 and Fourth 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 October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. 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, and I 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.

* * * * *

Fourth Supplemental Trust Agreement

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

The Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fourth Supplemental Trust Agreement dated as of _____.

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, 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 Fourth Supplemental Trust 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

Fourth Supplemental Trust Agreement

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 I Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series I Bonds. The Series I Bonds shall be executed, authenticated and delivered as provided herein, and said Series I 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.

Section 3. Proceeds of Sale. The proceeds from the sale of the Series I 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.

Fourth Supplemental Trust Agreement

IN WITNESS WHEREOF, the Board of Trustees has caused this Fourth 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 Fourth 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:

By _____
President

Secretary

And by _____
Chairman of the Board

(Seal)

The Ohio National Bank of Columbus,
Trustee

Attest:

By _____
Vice President

Trust Officer

Fourth Supplemental Trust Agreement

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this _____ day of _____, 196__, 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

(Seal)

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this _____ day of _____, 196__, 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

(Seal)

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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 \$10,500,000
Dormitory Revenue Bonds, Series I

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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 \$10,500,000
Dormitory Revenue Bonds, Series I

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 \$10,500,000 Dormitory Revenue Bonds, Series I:

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, 1967, adjusted pursuant to said Section 6(b), is: (Note 1) \$1,757,732

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series I Bonds consisting of Drackett and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility is: (Note 2) 834,546

- Total of Items 1 and 2 above is: \$2,592,278

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 and I Bonds is: (Note 3) \$1,870,537

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 and I Bonds is: 1.3858

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 I 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, 1967, is adjusted to reflect the schedule of rates and charges approved by the Board of Trustees on June 8, 1967 and to become effective at the beginning of the Autumn Quarter of the academic year 1967-68; and to give recognition to anticipated changes

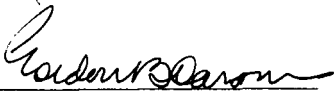
Certificate of Earnings Coverage (continued)

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 will be 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 hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, Houck House was placed in operation in January, 1966, Archer and Nosker Houses and Taylor Tower were placed in operation in September, 1966, and that Raney Commons Dining Facility was placed in operation in January, 1967. Until Jones Tower is ready for occupancy the net income from the Dormitory Facilities and the principal and interest requirements will be as shown in paragraphs 2 and 3 above.
- Note 3 Series I Bonds are computed at 4-3/4%. Series A through H 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 12, 1967

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 \$10,500,000 Dormitory Revenue Bonds, Series I

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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 \$10,500,000 Dormitory Revenue Bonds, Series I

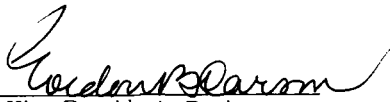
The undersigned respectively, the President and the Vice President,
Business and Finance of The Ohio State University, pursuant to Section 2.03(4)
of the Trust Agreement between the University and The Ohio National Bank of
Columbus, as Trustee, dated April 15, 1957, certify as follows in connection
with the issuance of \$10,500,000 Dormitory Revenue Bonds, Series I:

- (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 I 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 I Bonds; and
- (d) That the proceeds of the Series I 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

July 12, 1967

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SUPPLEMENT D

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1967

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1967

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 the bearer on the fifteenth day of September, 1968, the principal sum of

_____ DOLLARS

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 _____. 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 _____ upon the presentation and surrender of this note. 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 part of the presently outstanding \$14,000,000 principal amount of The Ohio State University Dormitory Revenue Notes of 1966 dated as of September 15, 1966 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 13th day of July, 1967.

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

Dormitory Revenue Note, Series 1967 (continued)

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 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 Vice President, Business and Finance, of the University, all as of the fifteenth day of September, 1967.

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

(S E A L)

SUPPLEMENT E

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

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THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

THIS FIFTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the _____ day of _____, 1967 (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 \$37,560,000 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 July 13, 1967 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 of facilities to be provided by

Fifth Supplemental Trust Agreement

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

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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 approved by the Department of Public Works of Ohio, and prepared by the University Architect; and

WHEREAS, based upon final construction costs, construction contracts and estimates received from its architect, the University has determined that the costs of the Project will be \$3,610,000, including capitalized interest, miscellaneous expenses and contingencies; and

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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 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 any loan agreement that might be entered into with the United States with respect to the Series J Bonds (hereinafter called the Loan Agreement), for the purchase of \$3,000,000 Dormitory Revenue Bonds, Series J, by investment bankers or others.

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 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

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the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of the first day of the month in which bids for the purchase thereof are opened, and shall be in the denomination of \$5,000 each and registrable as to principal. Series J Bonds in fully registered form shall be in the denomination of \$5,000 or any multiple thereof. Such Bonds in both coupon and fully registered form shall be numbered as determined by the Fiscal Officer of the University. Each Series J Bond in fully registered form without coupons shall be dated as of the interest payment date on which it is authenticated or on the interest date next preceding the date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date; provided, however, if at the time of authentication of a registered bond without coupons, interest is in default, such Bond shall be dated as of the date to which interest has been paid. Notwithstanding the foregoing, in the event that the United States shall purchase any of such bonds pursuant to a Loan Agreement, until such time as the Original Purchaser or Purchasers request definitive bonds, a single multiple maturity, fully registered bond without coupons will be issued to him in the amount contracted for and thereafter at his request 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 bear interest payable semi-annually on April fifteenth and October fifteenth of each year, beginning with the first such date occurring at least six months following the date of the coupon Bonds, until the principal sum is paid at the rate or rates per annum stipulated in the bid of the successful bidders, and approved in writing by the President or Fiscal Officer of the University, 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:

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<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1969	\$ 40,000	1979	\$ 50,000	1989	\$ 70,000	1999	\$105,000
1970	40,000	1980	55,000	1990	75,000	2000	110,000
1971	45,000	1981	55,000	1991	75,000	2001	110,000
1972	45,000	1982	60,000	1992	80,000	2002	120,000
1973	45,000	1983	60,000	1993	80,000	2003	120,000
1974	45,000	1984	60,000	1994	85,000	2004	130,000
1975	45,000	1985	60,000	1995	90,000	2005	130,000
1976	50,000	1986	65,000	1996	90,000	2006	140,000
1977	50,000	1987	65,000	1997	95,000	2007	140,000
1978	50,000	1988	70,000	1998	100,000		

The Series J Bonds maturing on and after October 15, 1979 shall be subject to redemption in whole or in part on any interest payment date on and after October 15, 1978, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 104% if redeemed on or before October 15, 1983;
- 103% if redeemed thereafter but on or before October 15, 1988;
- 102% if redeemed thereafter but on or before October 15, 1993;
- 101-1/2% if redeemed thereafter but on or before October 15, 1998;
- 101% if redeemed thereafter.

If less than the entire unmatured portion of the Series J Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of the Bonds of that series outstanding; and if less than all of said bonds outstanding of one maturity are to be called, the selection of bonds or portions of fully registered bonds of such maturity to be called shall be made by lot conducted by the Trustee under the Trust Agreement. Such 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

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said redemption date. 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.

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 offered for sale, by solicitation or proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms as determined by the President or the Fiscal Officer of the University, subject, however, to all applicable provisions of the Loan Agreement.

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:

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(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 expended by it on costs of construction of the Project prior to issuance of the Series J Bonds.

(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 or advanced for such purposes and restoring to the University of other funds of the University issued for such purposes in accordance with the Loan Agreement, except however, there shall be no repayment of the \$610,000 of the proceeds of the Series I Bonds allocated to the Construction Fund under the Series I Bond Resolution.

(4) Any balance remaining in the Construction Fund after payment or reimbursement of all Project costs and other amounts provided for in (3) above shall be promptly used 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 United States, and any portion not needed for such retirement shall be transferred to the Debt Service Reserve Fund; provided, however, the University shall have the right to withdraw any such moneys representing additional funds deposited into the Construction Fund by the University, other than from the proceeds of the sale of the Series J Bonds sold to the United States of America, to finance the total project cost, which are found to be unnecessary for such purpose.

No part of the proceeds of Series J Bonds sold to the United States acting through the Department of Housing and Urban Development 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 United States through that agency, and proceeds of Bonds purchased by the United States 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.

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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 further certify that such payment was certified as due under such contract by a qualified architect or engineer.

The Construction Fund shall be invested by the Trustee in such direct obligations of the United States 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.

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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 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,

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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.

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 shall 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,

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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, 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.

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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 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%

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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 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

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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 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

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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 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

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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.

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 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.

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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. 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.

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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 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

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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; (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

Fifth Supplemental Trust Agreement

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 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:

Fifth Supplemental Trust Agreement

(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 July 13, 1967 (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 October 15, 1978, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1978 to 1983, inclusive; three percent (3%) 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 after 1998. 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

Fifth Supplemental Trust Agreement

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 _____.

* * * * *

(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 _____, 19__.

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

Fifth Supplemental Trust Agreement

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, 1957, and supplement thereto dated _____, 19____, 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 _____ dated _____.

Bond No. _____

Coupon No. _____

(Facsimile Signature)

Secretary of
the Board of Trustees

(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 13, 1967 (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").

Fifth Supplemental Trust 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 October 15, 1978, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1978 to 1983, inclusive; three percent (3%) 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%) premium if redeemed after 1998. 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 _____, 19__.

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, 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

Fifth Supplemental Trust Agreement

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.

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

Fifth Supplemental Trust Agreement

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:

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.

(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 F

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, 1967, adjusted pursuant to said Section 6(b), is: (Note 1) \$1,757,732

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series I and J Bonds consisting of Drackett, Taylor and Jones Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility is: (Note 2) \$1,038,530

- Total of Items 1 and 2 above is: \$2,796,262

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) \$1,999,762

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: 1.3983

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, 1967, is adjusted to reflect the schedule of rates and charges approved by the Board of Trustees on June 8, 1967 and to become effective at the beginning of the Autumn Quarter of the academic year 1967-68; and to give recognition to anticipated changes in operating costs

Certificate of Earnings Coverage (continued)


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 will be 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 hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, Houck House was placed in operation in January, 1966, Archer and Nosker Houses and Taylor Tower were placed in operation in September, 1966, and that Raney Commons Dining Facility was placed in operation in January, 1967. It is certified that Jones Tower will be in operation and revenue producing by January, 1969.

Note 3 Series J Bonds are computed at 3%. Series A through H are computed on basis of actual interest rates for those bonds and the Series I Bonds are computed at 4-3/4%.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

Dated: July 12, 1967

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 1, 1967

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The Recipients of the Distinguished Service Awards

KENYON S. CAMPBELL

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Outstanding development officer and dedicated servant
of The Ohio State University*

Kenyon S. Campbell has been associated with The Ohio State University for more than five decades. As a student, alumni leader, and Development Fund executive, he has worked in behalf of Ohio State with rare devotion and skill and has left upon the University the imprint of truly distinguished service.

During his undergraduate days, Mr. Campbell was a leader in extra-curricular activities and was elected to membership in the junior and senior men's honorary societies. He received the B.A. degree in 1920 and the LL.B. in 1922.

Mr. Campbell was appointed field director of The Ohio State University Development Fund in 1947 and became associate executive director in 1956, the position he held until he retired in 1966. Before joining the Ohio State staff, he had practiced law in Columbus for 25 years and had been one of the University's most active alumni. He was a member of the "Committee of 100" which originally set up the framework for the Development Fund.

Much of the success of the University's Development Fund is attributable to Mr. Campbell's work. He was the originator of the highly successful Presidents Club which has grown to a membership of more than 250 since its inception in 1963. His unusual ability as a collegiate fund-raiser is reflected in the leadership roles, including national president, which he has filled in the American Alumni Council and in the awards which that organization has bestowed upon The Ohio State University Development Fund.

THOMAS E. DAVIS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Pioneer research administrator and dedicated University citizen

Thomas E. Davis, a 1939 graduate of the College of Commerce and Administration, served the University for 28 years. Mr. Davis played increasingly important roles in The Ohio State University Research Foundation, from his initial appointment as an assistant project supervisor to his retirement in 1967 from the position of associate executive director.

As a key administrator in the Research Foundation, Mr. Davis insisted that the activities directed by the Foundation be in harmony with the mission of the University. His major effort was to insure that research activities were an integral part of the University educational program, and he vigorously resisted all pressures which might have caused separation between the Foundation and the University. Largely through his vigilance, sponsored research at Ohio State has been administered as a part of the University rather than as a separate activity.

Mr. Davis was also active in the development of federal and industrial policies and procedures in support of sponsored research activities in universities. His counsel was widely sought by colleagues from other universities as well as by representatives of government and of industry.

A skillful administrator who displayed great loyalty to his colleagues and earned their loyalty in return, Thomas E. Davis rendered distinguished service to his alma mater, to the State of Ohio, and to the research efforts of the Nation.

JEAN WAID REILLY

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Devoted friend of the University and leader of alumnae endeavors

Jean Waid Reilly is one of those rare persons who sensed, as an undergraduate, the full promise of her alma mater and who has given, as an adult, creative leadership toward the advancement of the University. She has made lasting contributions to The Ohio State University.

Mrs. Reilly earned the Bachelor's Degree in 1940 and the Master's Degree in personnel psychology in 1942. As an undergraduate, she was a member of the Student Affairs Council and the Student Senate, and she served as president of the Women's Self-Government Association. These activities and other campus affiliations won membership for her in Chimes, the junior women's honorary society, of which she was president, and in Mortar Board, the honorary society for senior women.

Graduation did not diminish her continuing interest in University affairs. She has served as president of the Alumnae Council and of the Franklin County Alumnae Club. In 1949, she was elected Second Vice President of The Ohio State University Association.

Mrs. Reilly's special interest has been directed toward the development of ways by which Ohio State alumnae might maintain meaningful relationships with the University, and in this work her success has been truly noteworthy. In 1964, she directed a survey of 5,000 central Ohio women which led to the formation of the increasingly active University program of continuing education for women. Currently she is chairman of the Alumnae Council Committee on Continuing Education for Women.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Mohammad Taha Abulela.....Mallawi, Egypt
B.Com. (Cairo University) ; M.B.A.
Dissertation: The Optimum Unit of Span of Control
Field of Specialization: Business Organization
- Peter Wightman Anderton.....Elland, Yorkshire, England
B.S. (University of Birmingham, England)
Dissertation: Structural Glaciology of a Glacier Confluence, Kaskawulsh Glacier, Yukon Territory, Canada
Field of Specialization: Geology
- Carl William Asp, Jr.....Avon
B.Sc. in Edu., M.A.
Dissertation: Time-Intensity Trade and Lateralized Location of Inter-aural Intensity Differences by Stutterers and Non-Stutterers
Field of Specialization: Speech
- Beverly Ann Ball.....Griggsville, Ill.
B.S. in Edu. (Western Illinois University) ; M.S. (MacMurray College)
Dissertation: The Primary School Child's Self-Concept: The Influence of the Child-Centered Program of Physical Education
Field of Specialization: Physical Education
- Phillip Lee Bandt.....Nekoosa, Wis.
B.S. (University of Wisconsin) ; M.A.
Dissertation: Generalized Control Expectancies and Perceptual Responses to Threat
Field of Specialization: Psychology
- Richard Leland Barker.....Northwood, N. H.
B.S. (Ag.Econ.) (University of Maine) ; M.Agr.Ed. (University of New Hampshire)
Dissertation: An Appraisal of Instructional Units to Enhance Student Understanding of Profit-Maximizing Principles
Field of Specialization: Agricultural Education
- Willis Edward Bartlett.....Fremont
B.Sc. in Edu., M.A.
Dissertation: Psychological Needs and Vocational Maturity of Man-power Trainees
Field of Specialization: Education
- Maynard Neal Bauer.....Worthington
A.B. (Oberlin College) ; M.A.
Dissertation: Perceptions of the Principal's Role Performance in Student Teaching Programs
Field of Specialization: Education
- David Napoleon Beauregard.....Akron
B.S. (Loyola University, Illinois) ; M.A.
Dissertation: A Critical Edition of George Whetstone's *An Heptameron of Civill Discourses* (1582)
Field of Specialization: English

- Werner Gerhard Bergen.....Mineral City
 B.Sc. in Agr., M.Sc.
Dissertation: Studies on the Effect of Dietary and Physiological Factors on the Nutritive Quality and Utilization of Rumen Microbial Proteins
Field of Specialization: Animal Science
- John David Birle.....Columbus
 B.Ch.E., M.Sc.
Dissertation: An Investigation of the High Pressure, Sub-Solidus Phase Equilibrium Relations in the System $Al_2O_3-GeO_2$ as a Model for the Ultra High Pressure Behavior of Kyanite
Field of Specialization: Mineralogy
- William Peter Bishop.....North Olmsted
 B.A. (College of Wooster)
Dissertation: The Radiolysis of Liquid n-Pentane: Products and Mechanism
Field of Specialization: Chemistry
- Byron Justin Bossenbroek.....Pella, Ia.
 B.S. (Calvin College, Michigan)
Dissertation: Interactions and Reactions of Parallel Acetylenes
Field of Specialization: Chemistry
- Marvin Ervin Braun.....Beaver Falls, Pa.
 B.S. (Geneva College, Pennsylvania); M.S. (University of Pittsburgh)
Dissertation: Optimum Debt Financing Policy: A Linear Programming Approach
Field of Specialization: Business Organization
- Frank Markham Brown.....Dayton
 B.S. (United States Naval Academy); M.S. (E.E.) (United States Air Force Institute of Technology)
Dissertation: Boolean Matrices and Finite Systems
Field of Specialization: Electrical Engineering
- Phillip James Bryson.....Salt Lake City, Utah
 B.A. (University of Utah)
Dissertation: The International Cost-Sharing Role of West German Development Assistance
Field of Specialization: Economics
- William Buford Campbell, Jr.....Belmont, Mass.
 B. of Cer. Engr., M.S. in Cer. Engr. (Georgia Institute of Technology); A.M. (Harvard University)
Dissertation: Thermal Analysis of Ceramic Reaction Models
Field of Specialization: Ceramic Engineering
- Cecil E. Carter, Jr.....Princeton, Ky.
 B.S. in Agr., M.S. in Agr. (University of Kentucky)
Dissertation: The Relation of Leader Behavior Dimensions and Group Characteristics to County Extension Advisory Committee Performance
Field of Specialization: Agricultural Education
- Keith Ross Carver.....Russellville, Ky.
 B.S. in E.E. (University of Kentucky); M.Sc.
Dissertation: A Cavity-Fed Concentric Ring Phased Array of Helices for Use in Radio Astronomy
Field of Specialization: Electrical Engineering

- Patrick Joseph Caulfield**.....Dayton
 B.S. (Massachusetts Institute of Technology)
Dissertation: Multi-Valued Functions in Uniform Spaces
Field of Specialization: Mathematics
- Harendra Singh Chauhan**.....Gonda, U. P., India
 B.Tech., M.Tech. (Indian Institute of Technology)
Dissertation: Transient Solutions for Drainage of Sloping Land
Field of Specialization: Agricultural Engineering
- Louis Fred Chenette**.....Findlay
 A.B. (Wheaton College); M.M. (Northwestern University)
Dissertation: Music Theory in the British Isles during the Enlightenment
Field of Specialization: Music
- Sung Tai Cho**.....Seoul, Korea
 A.B. (University of California, Berkeley); M.S. (Michigan State University)
Dissertation: A Cross-Cultural Analysis of the Criminality Level Index
Field of Specialization: Sociology
- Donald Lee Clark**.....Janesville, Wis.
 B.S., M.S. (Stout State University)
Dissertation: Activity and Learning: An Experimental Comparison to Determine the Efficacy of Overt Versus Covert Activity on the Learning of an Industrial Praxiological Concept
Field of Specialization: Education
- Sandra Ethlyn Clark**.....Richmond Heights
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: Retrieval of Color Information from the Preperceptual Storage System
Field of Specialization: Psychology
- John Paul Cobes**.....Strasburg
 B.Sc. in Edu., M.A.
Dissertation: The Court Theatres of the Farnese from 1618 to 1690
Field of Specialization: Speech
- Fred Marlin Connelly, Jr.**.....Nashville, Tenn.
 B.A. (David Lipscomb College); M.A. (Temple University)
Dissertation: A Rhetorical Analysis of Selected Speeches of Lyndon Baines Johnson on the War in Vietnam
Field of Specialization: Speech
- Andrew Stuart Deal**.....Riverside, Calif.
 B.S., M.S. (University of California, Berkeley)
Dissertation: The Effect of Temperature and Moisture on the Development of *Fannia canicularis* (L.) and *Fannia femoralis* (Stein), (Diptera: Muscidae)
Field of Specialization: Zoology and Entomology
- Marilyn Revell DeLong**.....Columbus
 B.S. (South Dakota State College); M.A. (Michigan State University)
Dissertation: Analysis of Costume Organization: Development of a Model for Considering Style
Field of Specialization: Home Economics

- Harold Douglas Dickerson, Jr..... West Roxbury, Mass.
 B.A., M.A. (University of Massachusetts)
Dissertation: A Survey of Critical Commentary on Gottfried's Tristan
Field of Specialization: German
- Jeffrey Ivan Dolgan.....Livingston, N. J.
 A.B. (Hiram College); M.A.
Dissertation: The Efficacy of Systematic Desensitization Procedures and Rational Therapy in the Modification of Phobic Behavior
Field of Specialization: Psychology
- Thomas David DuBois.....Macy, Ind.
 B.A. (McMurry College, Texas); M.Sc.
Dissertation: Low-Spin Transition Metal Complexes of a Bidentate Phosphorus-Arsenic Ligand and an Open-Chain Tetradentate Phosphorus-Sulfur Ligand
Field of Specialization: Chemistry
- Arthur Lynn Dudycha.....Springfield
 A.B. (Wittenberg University); M.A.
Dissertation: A Monte Carlo Evaluation of JAN and PROF: Two Techniques for Capturing and Clustering Rater Policies
Field of Specialization: Psychology
- Linda Weathers Dudycha.....Springfield
 B.A. (Columbia College, South Carolina); M.A.
Dissertation: An Investigation of Interpersonal Learning as Delineated by the Structure of Brunswik's Lens Model
Field of Specialization: Psychology
- Ronald Gene Eikenberry.....Dayton
 A.B. (Harvard University); M.Ed. (Miami University)
Dissertation: Federal Legislation and the Administration of Public Schools in Ohio
Field of Specialization: Education
- Harold James Enzian.....Patterson, N. Y.
 B.S. (State University College, Oswego, New York); M.A. (Kent State University)
Dissertation: Industrial Arts as Encouragement for Disadvantaged Youth
Field of Specialization: Education
- Charles Clifford Fain.....Clemson, S. C.
 B.Cer.Engr., M.S. (Clemson Agricultural College)
Dissertation: Influence of Localized Matrix Recrystallization on the Strength of Triaxial Ceramics
Field of Specialization: Ceramic Engineering
- Robert Thomas Ferris.....Orlando, Fla.
 D.D.S. (Emory University); M.Sc.
Dissertation: Immunological Properties of Human Gingival Tissues
Field of Specialization: Microbiology
- Joseph Archibald Fromme.....Columbus
 B.S.A.E. (Purdue University); M.Sc.
Dissertation: Vibration of the Rectangular Parallelepiped with Trac-tion Free Boundary
Field of Specialization: Engineering Mechanics

- Helen Barnum Frye.....Fairborn
 B.A. (Ohio Wesleyan University); M.Ed. (Wittenberg University)
Dissertation: A Study of the Teaching Situation Reaction Test in Relation to Effectiveness of In-Service Teachers
Field of Specialization: Education
- Hassan Abd El-Latif Gaafar.....Cairo, Egypt
 M.B.B.Ch. (Cairo University)
Dissertation: Immunogenicity of Antigen-Antibody Complex
Field of Specialization: Microbiology
- Abdul Gaffar.....Karachi, Pakistan
 B.S., M.S. (University of Karachi); M.S. (Brigham Young University)
Dissertation: Immuno-Chemical Properties of Nucleoprotein Antigens from Normal and Malignant Human Tissues
Field of Specialization: Microbiology
- David Wayne Ganyard.....Columbus
 B.A. (College of Wooster); M.A.
Dissertation: The Degree of Relationship between Bituminous Coal Mining and Chemical Manufacturing in the Kanawha County Region
Field of Specialization: Geography
- William Harry Goff.....Columbus
 B.A., M.A.
Dissertation: Vocational Guidance in Elementary Schools
Field of Specialization: Education
- Robert Miles Goll.....Dayton
 B.Sc.
Dissertation: Classification and Phylogeny of Cenozoic Trissocyclidae (Radiolaria) in the Pacific and Caribbean Basins
Field of Specialization: Geology
- Edwin Noah Gorsuch.....Wauseon
 B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: The Economic Problems of English Monasteries in the Early Fourteenth Century
Field of Specialization: History
- Charles Dudley Greenidge.....Columbus
 B.A.; M.B.A. (Stanford University)
Dissertation: The Effect of Improved Information on Profitability in Smaller Retailing Firms
Field of Specialization: Business Organization
- William Frank Haagen.....Columbus
 B.E.E., M.Sc.
Dissertation: Signal Enhancement by Coherent Optical Spatial Differentiation
Field of Specialization: Electrical Engineering
- Oberita Plumley Hager.....Hamlin, W. Va.
 B.A., M.A. (Marshall University)
Dissertation: Survey and Evaluation of Business Education Programs in Selected Small High Schools in West Virginia
Field of Specialization: Education

- Leonard Anthony Hamilton**.....Fairborn
 M.S. in M.E. (Purdue University)
Dissertation: An Experimental Investigation of Shock Initiated Detonation Waves in a Flowing Combustible Mixture
Field of Specialization: Aeronautical and Astronautical Engineering
- Hunter Douglas Hamlett**.....Ettrick, Va.
 B.S. (Virginia Union University); M.S. (Virginia State College)
Dissertation: An Evaluation of Biological Science Courses Offered for General Education in Selected Predominantly Negro Colleges
Field of Specialization: Education
- William John Hankley**.....Arlington Heights, Ill.
 B.S. in E.E., M.S. (Northwestern University)
Dissertation: Automatic Fingerprint Interpretation and Classification via Contextual Analysis and Topological Coding
Field of Specialization: Electrical Engineering
- James Patrick Harrington**.....Salem
 S.B. (University of Chicago); M.Sc.
Dissertation: Model Planetary Nebulae: Electron Temperatures and Ionization Stratification
Field of Specialization: Astronomy
- James Abgriffith Hawley**.....Wooster
 B.F.A. (Drake University); M.S. (Purdue University)
Dissertation: Inigo Jones and the New English Stagecraft
Field of Specialization: Speech
- Ruth Estella Hawthorne**.....Lansdale, Pa.
 B.S. in H.E. (Drexel Institute of Technology); M.A. (Michigan State University)
Dissertation: Aspects of Design Preference in Clothing: Aesthetic, Motivation, and Knowledge
Field of Specialization: Home Economics
- Frances Patricia Healy**.....Lakewood
 A.B. (Western Reserve University); M.A.
Dissertation: A History of Evelyn College for Women, Princeton, New Jersey, 1887-1897
Field of Specialization: Education
- Gerald Clarence Heberle**.....Dayton
 A.B. (University of Dayton); M.A. (University of Cincinnati)
Dissertation: The Predicament of the British Unionist Party, 1906-1914
Field of Specialization: History
- Richard William Henley**.....Willoughby
 B.Sc. in Agr., M.Sc.
Dissertation: Concentration Gradients and Total Amounts of Fourteen Different Elements and the Effects of Graduated Supplies of Calcium and Magnesium on Quality Attributes and Other Elements in the Leaves of *Chrysanthemum morifolium* L. cv. 'Indianapolis Yellow'
Field of Specialization: Horticulture and Forestry
- Mary Alice Hines**.....Indianapolis, Ind.
 B.S.Edu., M.S.Edu. (Indiana University)
Dissertation: Retailing Opportunities in Federal Urban Renewal Projects
Field of Specialization: Business Organization

- Gordon A. Jacoby.....New York, N. Y.
 A.B. (City College, New York); M.A.
Dissertation: The Construction and Testing of a Self-Instructional,
 Audiolingual Program of the Irish-English Dialect for the Stage
Field of Specialization: Speech
- Sidney Jordan.....Levittown, Pa.
 A.B. (Temple University); M.S. (Syracuse University); A.M. (Temple
 University)
Dissertation: Speech Audiometry Based on the Selected Band-Pass
 Filtering of Words
Field of Specialization: Speech
- William Andrew Kinnison.....Springfield
 B.A., B.S. in Edu. (Wittenberg University); M.A. (University of Wis-
 consin)
Dissertation: The Impact of the Morrill Act on Higher Education in
 Ohio
Field of Specialization: Education
- Lawrence Andrew Klimko.....Campbell
 B.Sc., M.Sc.
Dissertation: Limit Theorems for Non-Negative Matrices
Field of Specialization: Mathematics
- Joseph James Kohut.....Lorain
 B.Sc.
Dissertation: Quantitative Analysis, Taxonomy, and Distribution of
 Middle and Upper Ordovician Conodonts from the Cincinnati Region
 of Ohio, Kentucky, and Indiana
Field of Specialization: Geology
- Robert Leonard Kurucz.....Euclid
 B.S. in Ed., M.S. in Ed. (Bowling Green State University)
Dissertation: The Construction of the Ohio State University Cardio-
 vascular Fitness Test
Field of Specialization: Physical Education
- Douglas Eugene Laine.....Flint, Mich.
 B.S. (Bemidji State Teachers College, Minnesota); M.S. (University
 of Wisconsin)
Dissertation: An Investigation of the Equilibria in Aqueous Copper
 (II)-Monoethanolamine Systems
Field of Specialization: Chemistry
- James Albert Lane.....Massillon
 B.Sc. in Edu.; M.Edu. (University of Toledo)
Dissertation: Assessment of Physically Handicapped Adult Students
 in College
Field of Specialization: Education

- Harold Lewis Lawson**.....Pittsburg, Kans.
 B.S. in Edu., M.S. (Kansas State Teachers College, Emporia)
Dissertation: The Speaking of William H. Seward, 1845-1861
Field of Specialization: Speech
- Roger Mac Layton**.....Idaho Falls, Idaho
 B.S. (Idaho State College)
Dissertation: Mechanism Studies on Some Thermal and Photochemical Reactions
Field of Specialization: Chemistry
- Arie Leegwater**.....Grand Rapids, Mich.
 A.B. (Calvin College)
Dissertation: Steric Effects in Organic Chemistry: Part I. Some Chemistry of Di-t-butylketene; Part II. Alkaline Hydrolysis of Substituted Methyl Benzoates
Field of Specialization: Chemistry
- Sam Leles**.....Mentor
 A.B., B.S.Edu., M.A. (Kent State University)
Dissertation: Evolving a Theory of Effectiveness in Education
Field of Specialization: Education
- Ronald Gene Lora**.....Columbus Grove
 B.S. (Bluffton College)
Dissertation: Conservatism in American Thought, 1930-1955
Field of Specialization: History
- James Frederick Loucks II**.....Cleveland
 B.A. (Yale University); M.A.
Dissertation: "Scripture for His Purpose:" A Study of Robert Browning's Use of Biblical Allusions in *The Ring and The Book*
Field of Specialization: English
- Alan Stuart Lowenthal**.....Massapequa, N. Y.
 B.A. (Hobart College); M.A.
Dissertation: Stimulus Variability, Preference, and Perceptual Change
Field of Specialization: Psychology
- Stephen Rodney Lucas**.....Zanesville
 B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: Guidelines for Establishing Post-Secondary Distributive Education Programs in Ohio
Field of Specialization: Education
- Audrey Anne Mostoller Lunday**.....Minot, N. D.
 B.S. (Saint Cloud State College, Minnesota); M.A.
Dissertation: The Vocal Quality and Pitch of Voices Suspected of Laryngeal Pathology
Field of Specialization: Speech
- William Earle Mahaney**.....Melrose, Mass.
 B.A. (Dartmouth College); M.A. (University of Connecticut)
Dissertation: The John Webster Plays: An Analytical Study and a Preliminary Bibliography
Field of Specialization: English

- Zeyad Mansour.....Hama, Syria
 M.Sc.
*Dissertation: Complexing Behavior of Starches with Certain Drug
 Pharmaceuticals*
Field of Specialization: Pharmacy
- Dave Marquis.....Oswego, N. Y.
 B.Edu. (State University College, Plattsburg, New York); M.A. (Syracuse University); B.A. (Utica College of Syracuse University)
Dissertation: Trends in Science Education: A Study of Educational Problems in Several African Nations
Field of Specialization: Education
- Mavis Howe Mate.....Columbus
 B.A., M.A. (University of Oxford, England)
Dissertation: The Monetary Policies of Edward I, 1272-1307
Field of Specialization: History
- Charles Randall May.....Madill, Okla.
 B.S. (West Texas State College); M.A. (Eastern New Mexico University)
Dissertation: An Appraisal of the Elementary Teacher Education Program at The Ohio State University
Field of Specialization: Education
- Lewis Duane McPeck, Jr.....Marion
 B.S. in Edu. (Ohio Northern University); M.Ed. (Miami University)
Dissertation: The Ohio Elementary School Principals' Perceived Role in Negotiations: A Comparison of Attitudinal Dimensions
Field of Specialization: Education
- Naomi Marie Meara.....Columbus
 B.A., B.Sc. in Edu.; M.A. (Syracuse University)
Dissertation: A Factor Analytic Study of the Relationship between Attitudinal Variables and Academic Learning
Field of Specialization: Psychology
- Ratan Chand Mehta.....Jaipur City, Rajasthan, India
 B.Sc. (University of Allahabad); M.Sc. (University of Rajasthan)
Dissertation: Leader Behavior and Its Relation to Innovativeness of County Extension Agent Chairmen
Field of Specialization: Agricultural Education
- David Dering Meisel.....Fairmont, W. Va.
 B.S. (West Virginia University); M.Sc.
Dissertation: A Study of Multiple Star Systems Involving Components of Special Astrophysical Interest
Field of Specialization: Astronomy
- Edgar Lorin Metcalf.....Columbus
 B.S., M.S. (University of Connecticut)
Dissertation: The Effect of Photoperiod on the Growth of Weigela 'Vanicek' in Relation to Carbohydrate Content and Freezing Injury Resistance
Field of Specialization: Horticulture and Forestry

- Siegfried Mikuteit**.....Columbus
 B.Sc. in Phys., M.Sc.
Dissertation: Mutual Coupling in a Three-Element, Parallel-Plate Waveguide Array by Wedge Diffraction and Surface Integration Techniques
Field of Specialization: Electrical Engineering
- Catherine McIntyre Miller**.....Cicero, Ill.
 B.S. in Ed. (Illinois State Normal University); A.M. (Colorado State College)
Dissertation: Health Counseling Practices of Selected Health Instructors at the Secondary Level in Ohio
Field of Specialization: Physical Education, Health Education
- Velon Haywood Minshew, Jr.**.....Carthage, Miss.
 B.S. (University of Southern Mississippi); M.S. (University of Nebraska)
Dissertation: Geology of the Scott Glacier and Wisconsin Range Areas, Central Transantarctic Mountains, Antarctica
Field of Specialization: Geology
- Yehia Saif El-Nasr Mohamed**.....Cairo, Egypt
 B.V.M. (Cairo University); M.Sc.
*Dissertation: Studies on *Mycoplasma meleagridis* in Turkeys, and the Establishment of a Specific Pathogen-Free Turkey Flock*
Field of Specialization: Veterinary Preventive Medicine
- John Emery Moore**.....Galloway
 B.Sc. in Agr., M.Sc.
Dissertation: Optimizing Resource Allocation for Tenant Operated Pork Producing Farms
Field of Specialization: Agricultural Economics and Rural Sociology
- Donald Melvin Morehead**.....Downs, Kans.
 A.B. (Fort Hays Kansas State College); M.A.
Dissertation: Speech Recognition and Production in Young Children and Adults
Field of Specialization: Speech
- Joseph Eugene Mullin**.....Londonderry, N. H.
 B.A. (Boston College); M.A.
*Dissertation: The Occasion, Form, Structure, and Design of John Dryden's *MacFlecknoe*: A Varronian Satire*
Field of Specialization: English
- C. Kenneth Murray**.....Wheeling, W. Va.
 B.S. in Sec.Edu. (Rio Grande College); M.A. (Marshall University)
Dissertation: A Study of the Construct Validity of the Teaching Situation Reaction Test
Field of Specialization: Education
- Richard Joseph Nadolsky**.....Lilly, Pa.
 B.S. (Saint Francis College, Pennsylvania)
Dissertation: Studies of Cumyl Cations and Trityl Anions by Nuclear Magnetic Resonance Spectroscopy
Field of Specialization: Chemistry

- Thomas Richard Nealeigh**.....Dayton
 B.Sc. in Edu., M.A.
Dissertation: Development and Validation of a Non-Verbal Attitude and Achievement Index for Mathematics
Field of Specialization: Education
- Matthew Mansfield Neely II**.....Columbus
 B.A., M.A., B.Sc. in Edu.
Dissertation: The Problems of the Development, Use, and Retirement of Weapons: A Study in Civil-Military Relations Suitable for Use in Secondary Social Studies Education
Field of Specialization: Education
- Wesley Eugene Nelson**.....Kingston, Jamaica, West Indies
 B.S. (Tuskegee Institute, Alabama); M.S. (Rutgers University)
Dissertation: Comparisons of Reactions of Zinc Ions with Soil Organic Matter to Reactions of Zinc Ions with Known Organic Compounds
Field of Specialization: Agronomy
- Don Barker Neumann**.....Dayton
 B.S. in M.E. (Stanford University); M.Sc.
Dissertation: The Effect of Scene Motion on Holography
Field of Specialization: Electrical Engineering
- Mildred Elizabeth Newcomb**.....Worthington
 B.A. (Ohio Wesleyan University); A.M. (Indiana University)
Dissertation: Imagistic Patterns in Charles Dickens
Field of Specialization: English
- Audrey Evelyn Newton**.....Wyoming, Ill.
 B.S. (Bradley University); M.S. (University of Wisconsin)
Dissertation: Consumer Behavior: Relation of Cognitive and Affective Domains of the Textile Consumer
Field of Specialization: Home Economics
- Bernard Carl Nye**.....Columbus
 B.Sc. in Edu.; M.S. in Bus.Adm. (Bowling Green State University)
Dissertation: Major Issues in Distributive Teacher Education
Field of Specialization: Education
- James Wesley Ouzts**.....Cleveland, Miss.
 B.S. (Delta State College); M.A. (University of Mississippi)
Dissertation: Magnitude of Temporary Threshold Shift in Audition Following Exposure to High-Intensity Farm Machinery Noise
Field of Specialization: Speech
- Henry Wisner Parlett**.....Columbus
 A.B. (Gettysburg College); M.Sc.
Dissertation: Solvent Extraction of Some Lanthanides with 2,2,6,6-Tetramethyl 3,5-Heptanedione
Field of Specialization: Chemistry
- Richard Newton Payne**.....Stillwater, Okla.
 B.S. (Oklahoma State University); M.Sc.
*Dissertation: The Influence of 40° F. and 70° F. Storage Temperatures on Respiration and Forcing of Bulbs of *Lilium longiflorum* Thunberg, Cultivars 'Ace' and 'Georgia'*
Field of Specialization: Horticulture and Forestry

- Edwin Ray Pejack.....North Tonawanda, N. Y.
 B.M.E., M.S. (Rensselaer Polytechnic Institute)
Dissertation: Heat Transfer and Other Effects of an Electric Field on a Parallel Flow Hydrocarbon Diffusion Flame
Field of Specialization: Mechanical Engineering
- David Michael Pendergast.....Granville
 B.Sc. in Edu., M.A.
Dissertation: A Study of Changes in Role Perceptions Held by Beginning Social Studies Teachers
Field of Specialization: Education
- Glenn Samuel Pfau.....Salem, Ore.
 B.S. (University of Oregon); M.S. Ed. (Oregon College of Education)
Dissertation: The Influence of Modality of Presentation, Response Confirmation Modes, and Types of Immediate Reinforcement upon Programmed Learning by Hearing Impaired Children
Field of Specialization: Speech
- Anthony John Picard.....Bridgeport, Pa.
 B.S. in Edu. (West Chester State Teachers College, Pennsylvania); M.A. (Villanova University)
Dissertation: An Analysis of the Objectives of a First Year Calculus Sequence, a Test for the Achievement of these Objectives, and an Analysis of Results
Field of Specialization: Education
- William Dallas Pierce.....Columbus
 B.S. (University of Pittsburgh); M.A.
Dissertation: Anxiety About the Act of Communicating and Perceived Empathy
Field of Specialization: Psychology
- Elliott Ray Plese.....Ft. Collins, Colo.
 B.S., M.E. (Colorado State University)
Dissertation: A Comparison of Videotape Replay with a Traditional Approach in the Teaching of Selected Gymnastic Skills
Field of Specialization: Physical Education
- Joseph Thornton Plummer, Jr.....Lewistown, Pa.
 B.A. (Westminster College); M.A.
Dissertation: A Systematic Research Approach to Television Program Development
Field of Specialization: Speech
- Isaac Blaine Quarnstrom.....Provo, Utah
 B.S., M.A. (Brigham Young University)
Dissertation: Harmount's Uncle Tom's Cabin Company: A Study of a Twentieth-Century "Tom" Show
Field of Specialization: Speech
- Bernard Queen.....Huntington, W. Va.
 B.A., M.A. (Marshall University)
Dissertation: Relationship of Teacher Collective Activity to Attitudes of Classroom Teachers, School Administrators, and School Board Members
Field of Specialization: Education

- Larry D Reavis.....Independence, Mo.
 B.A., A.M. (University of Missouri)
Dissertation: Delay of Gratification: An Exchange Theory Explanation
Field of Specialization: Psychology
- Helmut Herbert Riemer.....Columbus
 B.S. (University of Rochester); B.D. (Colgate Rochester Divinity School); M.A.
Dissertation: Relationship of Cognitive Style and Reinforcement Learning in Counseling
Field of Specialization: Psychology
- Thomas David Roberts.....Columbus
 B.S. (Abilene Christian College)
Dissertation: Approaches to 9, 10-Phenanthrocylopropenyl Systems
Field of Specialization: Chemistry
- Paul Luther Schiff, Jr.....Columbus
 B.Sc. in Phar., M.Sc.
*Dissertation: The Isolation and Characterization of the Alkaloids of *Thalictrum minus* L. var. *adiantifolium* Hort.*
Field of Specialization: Pharmacy
- Allan Neely Schramm.....Marietta
 B.A., M.A.
Dissertation: The Semantic Differential in Oral Interpretation Research
Field of Specialization: Speech
- Emerita Schroer Schulte.....Celina
 B.S. in Edu. (Bowling Green State University); M.Ed. (Miami University)
Dissertation: The Independent Reading Interests of Children in Grades Four, Five, and Six
Field of Specialization: Education
- Patricia Millard Schwirian.....Columbus
 B.S. in Ed. (Illinois State Normal University); M.S. (State University of Iowa)
Dissertation: Construction and Validation of a Science Support Scale
Field of Specialization: Education
- Frank John Sciara.....Modesto, Calif.
 A.B. (Fresno State College); M.A. (San Francisco State College)
Dissertation: Guidelines for a Pre-Service Teacher Education Program for Elementary Teachers of the Disadvantaged
Field of Specialization: Education
- Harish Chandra Sharma.....Alwar, Rajasthan, India
 B.Sc. (University of Rajasthan); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Effects of N-Dimethyl Amino Succinamic Acid (B-Nine) on Some Vegetative, Qualitative, Morphological, and Anatomical Characteristics of Strains of Delicious Apple
Field of Specialization: Horticulture and Forestry

- Simon Christian Simonson III.....Fergus Falls, Minn.
 S.B. (Massachusetts Institute of Technology); M.Sc.
Dissertation: A Spectroscopic and Photometric Investigation of the
 Stellar Association Cepheus OB2
Field of Specialization: Astronomy
- David Lee Smetzer.....Bellevue
 B.Sc. in Agr., D.V.M., M.Sc.
Dissertation: Equine Sinoatrial and Second- Degree Atrioventricular
 Heart-Block
Field of Specialization: Veterinary Pathology
- Elton Mansfield Smith, Jr.....North Haven, Conn.
 B.S. (University of Connecticut); M.Sc.
Dissertation: A Study of the Carbohydrate and Moisture Contents of
Rhamnus frangula 'Tallhedge' during Storage
Field of Specialization: Horticulture and Forestry
- Jackson Joseph Spielvogel.....Ellwood City, Pa.
 B.A. (Pennsylvania State University); M.A.
Dissertation: Willibald Pirckheimer and the Nuernberg City Council
Field of Specialization: History
- Thomas Russell Stitt.....Carbondale, Ill.
 B.S., M.S. (Oklahoma State University)
Dissertation: The Understandings and Abilities Needed for Selected
 Job Titles of Farm Equipment Dealerships in Ohio
Field of Specialization: Agricultural Education
- Rudolph Howard Storch.....New York, N. Y.
 A.B. (Capital University); M.A.
Dissertation: Tropaea on the Coinage of Ancient Rome
Field of Specialization: History
- Robert Vernon Stroud.....Dayton
 B.A., M.S. in Edu. (Bowling Green State University)
Dissertation: The Comprehension of Rate Controlled Speech by Sec-
 ond-Grade Children with Functional Misarticulations
Field of Specialization: Speech
- Elizabeth Zapf Sturrock.....Doraville, Ga.
 B.S. in Edu., M.A. (Kent State University)
Dissertation: E. T. A. Hoffman: Inimical Force and Related Powers
Field of Specialization: German
- Charles Lowell Thompson.....West Mansfield
 B.S. in Ed., M.S. (University of Tennessee)
Dissertation: Counselors' Conceptions of Ideal and Non-Preferred Client
 Types
Field of Specialization: Education
- Sykes Emil Trieb.....Manhattan, Kans.
 B.S. in Agric., M.S. (Kansas State University)
Dissertation: An Analysis of Supermarket Managerial Leadership and
 Its Relationship to Measurements of Operational Effectiveness
Field of Specialization: Agricultural Economics and Rural Sociology

- Louis Creighton Tulga.....Wellington
 A.B., A.M. (Wheaton College)
Dissertation: Imperial Regulation of Morals and Conduct in the Early Principate
Field of Specialization: History
- Allen William Valcov.....Columbus
 B.A., M.A.
Dissertation: The Articulation of Noncomplementarity in Parental Interaction and Cognitive Functioning in Schizophrenic and Nonschizophrenic Patients
Field of Specialization: Psychology
- Sandor Laszlo Vador.....Columbus
 B.A. (Augustana College); M.S. (South Dakota State College of Agriculture and Mechanic Arts)
Dissertation: The Metabolism of Ethanolamine and Glycolaldehyde
Field of Specialization: Physiological Chemistry
- Baldev Krishan Vig.....Amritsar, India
 B.Sc., M.Sc. (Punjab University)
Dissertation: Experimental Alterations of Leaf Spot Frequencies in *Glycine max* (L.) Merrill, with Reference to the Mechanism of Spot Formation
Field of Specialization: Botany
- Charles Arnold Watkins.....Columbus
 B.A., M.A.
Dissertation: Chaucer's *Nun's Priest's Tale*: Satire and *Solas*
Field of Specialization: English
- Wyatt Monroe Webb.....Lakemore
 B.S.Ed. (University of Akron); M.Ed. (University of Cincinnati)
Dissertation: Three Interval Training Programs and Their Effect on Selected Physiological Variables
Field of Specialization: Physical Education
- David Michael Weis.....Austin, Minn.
 B.A. (Loras College); M.Ed. (Ohio University)
Dissertation: A Q-Study of the Role of the Elementary School Counselor as Perceived by Elementary School Counselors, Principals, and Teachers in Ohio
Field of Specialization: Education
- Hoyt Alan Wheeland.....Chillicothe
 B.S., M.F. (University of Michigan)
Dissertation: The Profitability of Managing Upland Hardwood Stands for Sawlogs in Southeastern Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Anthony John White.....Devon, England
 B.Sc. (University of Reading, England); M.Sc.
Dissertation: Observations on the Composition of Greenhouse Tomato Fruit with Special Reference to the Effects of Water and Carbohydrate Supply during Development
Field of Specialization: Horticulture and Forestry

- Lyman Sessions Willardson.....Ephraim, Utah
 B.S., M.S. (Utah State University)
Dissertation: Water Entry into Partially Full Subsurface Drains
Field of Specialization: Agricultural Engineering
- Gary Dean Willhardt.....Washington, Ill.
 B.A. (Monmouth College); A.M. (Ohio University)
Dissertation: John Byrom: An Eighteenth-Century Apologist for
 Mysticism
Field of Specialization: English
- Wendell Marion Williams, Jr.....Canton
 B. of M.E. (Georgia Institute of Technology); M.Sc.
Dissertation: On Burmester Theory in Three Dimensions and Applica-
 tion to Finite Displacements with Four Degrees of Freedom
Field of Specialization: Mechanical Engineering
- Cyrus Clarke Wilson.....Cleveland Heights
 B.S. (United States Military Academy); M.B.A.
Dissertation: Explaining Management Performance under Conditions
 of Improved Information in Smaller Retail Firms
Field of Specialization: Business Organization
- James Frank Wilson.....Pitcairn, Pa.
 B.S. in Mech. Engr. (Massachusetts Institute of Technology); B.A.
 (College of Wooster); M.S. (University of Rochester); M.S. in Mech.
 Engr. (Carnegie Institute of Technology)
Dissertation: Swirling Laminar Flow between Parallel Plates and
 Concentric Cylinders
Field of Specialization: Engineering Mechanics
- John Rutherford Wolcott.....Highland Park, Ill.
 B.F.A., M.F.A. (Carnegie Institute of Technology)
Dissertation: English Influences on American Staging Practice: A Case
 Study of the Chestnut Street Theatre, Philadelphia, 1794-1820
Field of Specialization: Speech
- Louis Wynne.....Pittsfield, Mass.
 B.S. in Edu., M.Ed. (State Teachers College, North Adams, Massa-
 chusetts)
Dissertation: Response Strength Summation in a Free Operant as a
 Function of Discriminative Stimulus and Incentive
Field of Specialization: Psychology
- Shirley Spackman Wynne.....Columbus
 B.A. (Mills Collge, California); M.A.
Dissertation: The Charms of Complaisance: The Dance in England in
 the Early Eighteenth Century
Field of Specialization: Physical Education
- Hsi-Han Yeh.....Taiwan, China
 B.Sc. (National Taiwan University); M.Sc. (National Chiao-Tung
 University); M.Sc. (E.E.) (University of New Brunswick)
Dissertation: An Extension of Pontryagin's Maximum Principle
Field of Specialization: Electrical Engineering

Eva Sweet Zauderer.....Toledo
 B.Sc. in Edu., M.A.
*Dissertation: The Relationship of Some Counselor Characteristics to
 Revealingness in Clients*
Field of Specialization: Psychology
 (One hundred and fifty-two candidates)

Certificate of Specialist in Educational Administration

Waive Burdelle Ripple.....West Lafayette
 A.B. (Ohio University); M.Edu.
 (One candidate)

Master of Accounting

Stanley William Carlson.....Cincinnati
 B.B.A. (University of Cincinnati)
Field of Specialization: Accounting

John Anthony Fazio.....Hazleton, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Accounting

Lawrence Charles Henry.....Canton
 B.S. in B.A. (John Carroll University)
Field of Specialization: Accounting

James William Rizzi.....Philadelphia, Pa.
 B.S. (Temple University)
Field of Specialization: Accounting

Arthur Ernest Surowiec.....Lambertville, Mich.
 B.B.A. (University of Toledo)
Field of Specialization: Accounting

David Allen Winters.....Marion
 B.Sc. in Bus. Adm.
Field of Specialization: Accounting
 (Six candidates)

Master of Arts

Jean Snead Adams.....Springfield
 B.S. in Edu. (University of Dayton)
Field of Specialization: Education

Sileen Dharamdas Advani.....Poona, India
 B.A., M.A. (University of Poona)
Field of Specialization: Psychology

Margaret Myers Agin.....Newark
 B.S. in Edu. (Muskingum College)
Field of Specialization: Music

Winnifred Denson Albert.....Cleveland
 B.S. (Alabama Agricultural and Mechanical College)
Field of Specialization: Education

Carolyn Ide Aleksic.....Evansville, Ind.
 B.A. (University of Arizona)
Field of Specialization: Education

- Joann Blocher Alexander.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Izzettin Aliciguzel.....Konya, Turkey
 B.S. in Edu. (State University College of Buffalo, New York)
Field of Specialization: Education
- Rolf Allerdissen.....Nordenham, Germany
 B.A. (Kiel University)
Field of Specialization: German
- Deborah Jean Anderson.....Minneapolis, Minn.
 B.A. (University of Minnesota)
Field of Specialization: Psychology
- Sarah Rowland Aplin.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
- Alice Shoup Armstrong.....Newark
 B.S.M. (Baldwin-Wallace College)
Field of Specialization: Music
- Joyce Foose Avers.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- James Norman Baker.....Alliance
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Ross Ball.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jerry Paul Ballman.....Loveland
 A.B. (University of Cincinnati)
Field of Specialization: Economics
- Sister M. Germaine Balmes.....Joliet, Ill.
 A.B. (College of Saint Francis, Illinois)
Field of Specialization: Education
- Anna Dunaway Barker.....Westerville
 B.S. (Morehead State College, Kentucky)
Field of Specialization: Education
- Ethelbert Courtland Barksdale.....Arlington, Tex.
 B.A. (Arlington State College, Texas)
Field of Specialization: Slavic Languages
- Norma Saxe Barnebey.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Anna Lea Barry.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Michael James Bathory.....Euclid
 A.B. (Oberlin College)
Field of Specialization: Education
- James Louis Bauer.....Columbus
 B.S. (Capital University)
Field of Specialization: Education

- Donald Eugene Beal.....Canal Winchester
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Mary Catharine Beall.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John Emil Becker.....Brunswick
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Marvin Alan Beisner.....Union City
 B.S. (Georgetown College, Kentucky)
Field of Specialization: Education
- Helmut Birtler.....Columbus
 B.Sc. in Edu.
Field of Specialization: German
- Donald Richard Bitner.....Mifflinburg, Pa.
 B.S.Ed. (Lock Haven State College, Pennsylvania)
Field of Specialization: Education
- Leila Ann Bitting.....Louisville, Ky.
 A.B. in Ed. (University of Kentucky)
Field of Specialization: Education
- Patricia Jean Bjerstedt.....Gahanna
 B.Sc. in Edu.
Field of Specialization: Education
- Edwin Herbert Blackford.....Perrysville
 B.S. (Bowling Green State University); B.Sc. in Edu.
Field of Specialization: Education
- William Parker Blair III.....Canton
 B.A.
Field of Specialization: Political Science
- Sally Ann Blalock.....Urbana
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Carter Boggs.....Circleville
 B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Eric Dale Braden.....Mayfield Village
 A.B. (Western Reserve University)
Field of Specialization: Psychology
- Dennis Matthew Brogan.....Brooklyn, N. Y.
 B.A. (Fordam College)
Field of Specialization: Political Science
- Ann Claudia Brothers.....Cleveland
 B.S. (Ed.) (West Virginia State College, Institute)
Field of Specialization: Education
- Bessiejean Brown.....Bainbridge
 B.A. (Wilmington College)
Field of Specialization: Education
- Jack Wayne Browning.....Arcola, Ill.
 B.S. in Ed. (Eastern Illinois University)
Field of Specialization: Education

- Jo Ann Louise Brucato.....Mansfield
 B.S. Music Ed. (College of Saint Mary of the Springs)
Field of Specialization: Education
- Mary Schroder Brundage.....Columbus
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Music
- William Robert Bunner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- David Lee Burke.....Culver, Ind.
 B. Phys. Edu. (Purdue University)
Field of Specialization: Education
- Loretta Susie Burns.....Fairfax, Ala.
 B.S. (Ed.) (Tuskegee Institute)
Field of Specialization: English
- Patricia Traynor Carver.....Beach City
 B.Sc. in Edu.
Field of Specialization: Journalism
- Frederick Marland Chancellor, Jr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Nancy Lou Chapman.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Physical Education
- Ann Marie Chiandussi.....Youngstown
 B.S. in Ed. (Youngstown University)
Field of Specialization: Speech
- Ettore Chiudioni.....Mansfield
 B.S.Ed. (Ohio University)
Field of Specialization: Music
- Joseph M. Cirrincione.....Brooklyn, N. Y.
 B.S. (State University College of Education, Oswego, New York)
Field of Specialization: Education
- Marjorie Calentine Clark.....Hilliard
 B.Sc. in Edu.
Field of Specialization: Education
- John Joseph Clifford.....Worthington
 B.S. in Ed. (Northwestern University)
Field of Specialization: Education
- George Edwin Close.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Jacqueline Sue Cohen.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Tena Michelle Cole.....Evanston, Ill.
 B.Sc. in Edu.
Field of Specialization: Speech
- Beverly Ann Cook.....Houston, Tex.
 B.S. (Sam Houston State Teachers College, Texas)
Field of Specialization: Physical Education

- Walter Charles Corbett.....Ravenna
 B.Sc. in Edu.
Field of Specialization: Education
- Franklin Thomas Cory.....Columbus
 B.Sc. in Edu.
Field of Specialization: Music
- Robert Morris Cox.....Lithopolis
 B.Sc. in Edu.
Field of Specialization: Education
- Clifford Bean Craig.....Cedar City, Utah
 B.S. (Utah State University)
Field of Specialization: Education
- Deborah Bohman Crawford.....Columbus
 A.B. (Miami University)
Field of Specialization: Romance Languages
- Thomas Harold Cree, Jr.....Columbus
 B.A.
Field of Specialization: Sociology
- Emily L. Cronau.....South Plainfield, N. J.
 A.B. (Indiana University)
Field of Specialization: Romance Languages
- William Leon Crump, Jr.....Fresno, Calif.
 A.B. (Fresno State College)
Field of Specialization: Education
- Larry Eugene Cunningham.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James Roy Dalrymple.....Marietta
 A.B. (Marietta College)
Field of Specialization: Education
- Antoinette Nawalanic Daniels.....Cleveland
 B.Sc. in Bus. Adm.
Field of Specialization: Sociology
- Lois Anne Darling.....Columbus
 B.Sc. in H.E.
Field of Specialization: Education
- Thomas Lee Davidson.....Barnesville
 B.A. (West Virginia Wesleyan College)
Field of Specialization: Education
- Karla Jean Davis.....Mission Hills, Calif.
 B.Sc. in Edu.
Field of Specialization: English
- Charles William Dayton.....Avon Lake
 B.A. (Baldwin-Wallace College); M.E. (Kent State University)
Field of Specialization: Education
- Donald Arthur DeBaltzo.....Mansfield
 B.S.C. (Ohio University)
Field of Specialization: Education
- Lila Egan Dennis.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

- Dorothy Estella Dickinson.....Ashville
 B.Sc. in Edu., B.A.
Field of Specialization: Education
- D. J. Dober.....Rockport, Ill
 B.S.Ed. (Western Illinois University)
Field of Specialization: Education
- Michael John Donovan.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: Psychology
- Eugene Edmond Dorr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Helen Mantz Doyle.....Ashland
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- John Andrew Duffy.....Columbus
 B.S. (Rio Grande College)
Field of Specialization: Education
- Bruce Edward Duke.....Springfield
 B.A. (Paterson State College, Wayne, New Jersey)
Field of Specialization: Education
- Melba Patterson Dusenberry.....Plainfield
 B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Sandra Kay Eade.....London, Ont., Canada
 B.A. (University of Western Ontario)
Field of Specialization: Psychology
- Linda Schley Edwards.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Gilbert Eggers.....Twinsburg
 B.Sc. in Edu.
Field of Specialization: Romance Languages
- Linda Fern Eisenberg.....New York, N. Y.
 A.B. (City College, New York)
Field of Specialization: Psychology
- Paul John Eldersveld.....Artesia, Calif.
 B.S. (Calvin College, Michigan)
Field of Specialization: Education
- Donald Shields Eliot.....Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: Speech
- Geraldine Byrne Ellerbrock.....Shawnee
 B.Sc. in Edu.
Field of Specialization: Business Organization
- John Davidson Elliott.....Scarsdale, N. Y.
 B.A. (Aurora College)
Field of Specialization: Physical Education
- Emily Heath Ellis.....Petersburg, Va.
 B. of M. (University of North Carolina)
Field of Specialization: Music

- Stephen Harold Ellis.....Cleveland
 A.B. (Columbia University); M.Sc.
Field of Specialization: Business Organization
- Gerald Allen Emery..... Marion
 B.Sc. in Edu.
Field of Specialization: Education
- Ann Wiegand Entorf.....Conneaut
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Mary Alice Ernst.....Peru, Ill.
 B.S. (Northern Illinois University)
Field of Specialization: Speech
- Carolyn McGrath Eubanks.....Jackson
 B.S. (Ohio University)
Field of Specialization: Education
- Lloyd Gilbert Evans.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Carolyn Mae Ezzo.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Fred Walter Fanning.....Covington
 B.Sc.
Field of Specialization: Education
- Ruth Sneid Fedotin.....Columbus
 B.S. in Speech (Northwestern University)
Field of Specialization: Speech
- Arlene Kessler Feltman.....Long Beach, N. Y.
 B.A. (Adelphi University)
Field of Specialization: Speech
- James Clinton Ferns.....Columbus
 A.B. (Denison University)
Field of Specialization: History
- Eileen Veronica Filocco.....Long Island City, N. Y.
 A.B. (Queens College)
Field of Specialization: Speech
- Sally Jane Freeland.....Columbus
 B.A.
Field of Specialization: Romance Languages (French)
- William Wayne Freeman.....Cape Girardeau, Mo.
 B.S. (Ed.) (Southeast Missouri State College)
Field of Specialization: English
- Edith Turner Frey.....Eglin AFB, Fla.
 B.A., M.A. (State University of Iowa)
Field of Specialization: English
- Marion Frey.....Unadilla, N. Y.
 B.S. Ed. (State University College, Oneonta, New York)
Field of Specialization: Education
- Salli Levan Friedmann.....San Diego, Calif.
 B.A. (University of North Carolina)
Field of Specialization: History

- Nancy Coville Fuller.....Cleveland
 B.A.
Field of Specialization: Romance Languages (French)
- Katherine Lorenz Fulton.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John Henry Garrison.....Fort Bragg, N. C.
 A.B. (Dartmouth College)
Field of Specialization: Political Science
- Beverly Patterson Gartland.....Niles
 B.A. (Youngstown University)
Field of Specialization: Sociology
- John Albert Cunningham Gibson.....Austin, Tex.
 B.A. (University of Texas)
Field of Specialization: Political Science
- Jacqueline Neill Glasgow.....Hilliard
 A.B. (Miami University)
Field of Specialization: Education
- Jerry Ross Glick.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Mary Kathryn Gomilar.....Springfield Gardens, N. Y.
 B.A. (Marymount College)
Field of Specialization: History
- Barbara Jane Gossard.....Springfield
 B.Sc. in Edu.
Field of Specialization: Education
- Susan Bower Graham.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Joni Linick Grant.....Columbus
 B.A. (Elem.Edu.) (San Fernando Valley State College)
Field of Specialization: Speech
- Wilton Rufus Greene.....Springfield
 B.Sc. in Edu.
Field of Specialization: Education
- Emma Burkhardt Gross.....Dayton
 B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Joyce Pierson Guckert.....Worthington
 B.Sc. in Edu.
Field of Specialization: Education
- Raymond Collins Gugel.....Johnstown
 A.B. (Saint Bernard's Seminary and College, New York)
Field of Specialization: Education
- David Arthur Guldin.....Akron
 B.A. (College of Wooster)
Field of Specialization: Sociology
- Robert Lloyd Haas.....Galion
 B.Sc. in Edu.
Field of Specialization: Education

- William Woodrow Haddad**.....Seven Hills
 B.A.
Field of Specialization: History
- John Holte Hagen**.....Columbus
 B.A. (Staint Olaf College); J.D. (George Washington University)
Field of Specialization: Philosophy
- Wanda Dianne Hall**.....Havana, Fla.
 B.S. (Florida State University)
Field of Specialization: Physical Education
- David Lee Hamilton**.....Ashland
 B.S.Ed. (Ashland College)
Field of Specialization: Education
- Richard Duane Hammann**.....Carlisle, Pa.
 B.S. (West Chester State College, Pennsylvania)
Field of Specialization: Education
- Norval Lester Hannah**.....Barberton
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- John Allen Harmon**.....Lima
 B.S. Ed. (Ohio Northern University)
Field of Specialization: Education
- Margaret Josephine Harrison**.....Jamestown, N. Y.
 B.A. (Mercyhurst College, Pennsylvania)
Field of Specialization: Psychology
- James Lowell Hartline**.....Willoughby
 B.Sc. in Edu.
Field of Specialization: Education
- Lloyd Lester Hartwell**.....Kent
 B.Sc. in Edu.
Field of Specialization: Education
- Wilma Mast Haskins**.....Delaware
 B.A. (Eastern Mennonite College)
Field of Specialization: Education
- Howard Norman Hatfield**.....Mansfield
 B.A. (Marshall University)
Field of Specialization: Education
- Elaine Alyce Hayden**.....New Lexington
 B.A.
Field of Specialization: Speech
- Dian Sadler Haynes**.....Columbus
 B.S. (Ed.) (Ohio University)
Field of Specialization: Education
- Margaret Reiter Hazelett**.....Marion
 B.S. in Nursing, A.B. (Mary Manse College)
Field of Specialization: Education
- Sharon Kerr Helfinstine**.....Columbus
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Richard Joseph Hensler**.....Corning
 B.Sc. in Edu.
Field of Specialization: Education

- Donald Mason Henson.....Columbus
 B.A. (Georgetown College, Kentucky)
Field of Specialization: Speech
- Stanley Stephen Hetzler.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Sociology
- Roy William Heusel, Jr.....Wheeling, W. Va.
 B.S. (Wheeling College)
Field of Specialization: Education
- Dawn Heyman.....Cincinnati
 B.S. in Ed. (University of Cincinnati)
Field of Specialization: Education
- Judith Ann Hillson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James Walter Hilty.....Columbus
 B.Sc. in Edu., M.A.
Field of Specialization: History
- Louella Bowsher Hofsteter.....Columbus
 B.M. (Capital University)
Field of Specialization: Education
- Ethel Elizabeth Holder.....Chattanooga, Tenn.
 B.A. (Emory and Henry College)
Field of Specialization: Psychology
- Raymond LaVon Hook.....Hicksville
 B.S. in Edu. (Defiance College)
Field of Specialization: Education
- Lucy Ann Courtney Hoppie.....Columbus
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Judith Lynn Hudnall.....Charleston, W. Va.
 B.S.El.Ed. (West Virginia University)
Field of Specialization: Education
- Courtney Baughman Hunter.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Ann Hurvitz.....Washington, D. C.
 B.A. (University of Maryland)
Field of Specialization: Speech
- Dorothea Jane Ikenberry.....Shepherdstown, W. Va.
 B.A. (Shepherd College, West Virginia)
Field of Specialization: Education
- Glenn Alfred Janus.....Norfolk, Va.
 A.B. (University of Rochester)
Field of Specialization: History
- Eugene Byron Jefferson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Music
- Marilyn Hartman Jende.....Lebanon
 B.S.Ed. (Ohio University)
Field of Specialization: Education

- Wayne Arlan Jepson.....Columbus
 B.S. (University of Idaho)
Field of Specialization: Education
- Maryalyce Jeremiah.....Cedarville
 B.A. (Cedarville College); B.S.Ed. (Central State College)
Field of Specialization: Physical Education
- John Howard Johnson.....Maysville, Ky.
 A.B. (Moorehead State College, Kentucky)
Field of Specialization: Speech
- Lea Lovice Johnson.....Washington, D. C.
 B.S. (Phy.Ed.) (Washington State University)
Field of Specialization: Physical Education
- Nancy Moore Johnson.....East Palestine
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Sarah Mae Johnston.....Columbus
 B.A. (Maryville College)
Field of Specialization: History
- James Alfred Jonard.....Westerville
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Gwen Jones.....Lakewood
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education
- Paul Edward Katterhenrich.....Grove City
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- Rebecca Lee Kaufman.....Milford Center
 A.B. (Capital University)
Field of Specialization: Speech
- Betty Walker Keefer.....Mansfield
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Marlene Hassel Kehr.....North Olmsted
 B.A. (Muskingum College)
Field of Specialization: Sociology
- Gary George Kemp.....Fairborn
 B.F.A.
Field of Specialization: Art
- Elizabeth Linker Kenreich.....Columbus
 B. Mus. Ed. (Capital University)
Field of Specialization: Music
- William Ronald Kenreich.....Columbus
 B. Mus. Ed. (Capital University)
Field of Specialization: Music
- Rose Anne Kinzie.....Troutville, Va.
 B.A. (Bridgewater College, Virginia)
Field of Specialization: Physical Education
- David James Kludy.....Greenville
 B.Sc. in Edu.
Field of Specialization: Education

- Donald Eugene Knight..... DeGraff
 B.S. (Bluffton College)
Field of Specialization: Education
- Nadine Ann Koogler..... Springfield
 B.S. (Manchester College)
Field of Specialization: Education
- Mark Anthony Krabbe..... Cincinnati
 A.B. (University of Dayton)
Field of Specialization: Education
- Katsumi Kuwae..... Misato-Son, Okinawa
 B.A. (University of the Ryukyus)
Field of Specialization: Education
- Margaret Rose Lacy..... Portsmouth
 B.S. (Miami University)
Field of Specialization: Education
- James E. Lanier..... Woodsfield
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Elaine Lautenbach..... Bellefontaine
 B. of Mus. (Capital University)
Field of Specialization: Music
- Benjamin Samuel Lee..... Mt. Vernon
 B.A. (College of Wooster)
Field of Specialization: Philosophy
- Paul Gregory Lee..... Lima
 A.B. (Harvard College)
Field of Specialization: Linguistics
- Grace Caroline LeLear..... Grand Rapids, Mich.
 B.A. (Thiel College)
Field of Specialization: English
- Carol Schibowski Lennebacker..... Cooperstown, N. Y.
 B.S. (State University College of Education, Oswego, New York)
Field of Specialization: Education
- David Hoyt Liggitt..... Bellefontaine
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Nancy Lee Liming..... Worthington
 B.Sc. in Edu.
Field of Specialization: Education
- Paul Daniel Lister..... Marion
 B.Sc. in Soc.Wel.
Field of Specialization: Education
- Gary Lynn Lora..... Columbus Grove
 B.S. (Bluffton College)
Field of Specialization: Music
- Donald Frederick Lott..... Warren
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Lorraine Lower..... Coshocton
 B.S. (Muskingum College)
Field of Specialization: Education

- Donald Ernest Lown.....Columbus
 B.S.Ed. (State University College, Brockport, New York)
Field of Specialization: Education
- Malachy Leo Mandville.....Labrador City, Newfoundland, Canada
 B.A. (University of Ottawa)
Field of Specialization: Education
- Patrick Cornelius Mannion.....Columbus
 B.A. in Edu. (University of Akron)
Field of Specialization: Education
- Thomas Eugene Manuel.....New Boston
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Stanley Tien Marcus.....Wayne, Mich.
 A.B.Ed. (University of Michigan)
Field of Specialization: Education
- Kathleen Cannon Marinelli.....Cleveland
 B.S.Edu. (Ohio University)
Field of Specialization: Education
- Barbara Gerhart Martin.....Mt. Vernon
 B.S. (Defiance College)
Field of Specialization: Education
- Orville William Martin.....Napoleon
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Jack Leonard Mason.....Findlay
 A.B. (McPherson College); M.S. (Kansas State Teachers College,
 Emporia)
Field of Specialization: Art
- Thomas Eugene McClung.....Fostoria
 B.A. (College of Wooster)
Field of Specialization: Education
- Elizabeth Anne Dyson McGinley.....Lima
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Dean McKinnon.....Carbondale, Colo.
 B.F.A. (University of Denver)
Field of Specialization: Education
- Betty Brinkerhoff McMillin.....Englewood
 B.S.Edu. (Miami University)
Field of Specialization: Education
- James Keith Mercer.....Clyde
 B.Mus.Edu. (Capital University)
Field of Specialization: Music
- Charles William Merrilees.....Cambridge
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Thomas Robert Metzler.....Warren
 B.F.A.
Field of Specialization: Art
- David Lee Meyer.....Belvidere, Ill.
 B.S. (Western Illinois State College)
Field of Specialization: Education

- Marilyn Ann Michalak.....Cleveland
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Ray Richard Middleton.....Delaware
 B.Sc. in Edu.
Field of Specialization: Education
- Betty Krimmel Miller.....Circleville
 B.Sc. in Edu.
Field of Specialization: Education
- Patricia Lou Mills.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Dan Howden Mitchell.....Green Camp
 B. Mus. (Ohio Wesleyan University)
Field of Specialization: Music
- Esmat Fardin Moheimani.....Tehran, Iran
Field of Specialization: English
- Ross Joseph Monaco.....Steubenville
 B.Sc. in Edu.
Field of Specialization: Education
- Howard Herbert Moon, Jr.....New Philadelphia
 B.S. (University of Wisconsin) ; B.Sc. in Edu.
Field of Specialization: Education
- Denis Michael Moran.....Swindon, Wilts, England
 B.A. (Immaculate Heart College, California)
Field of Specialization: Education
- Martha Jump Morgan.....Columbus
 A.B. (Denison University)
Field of Specialization: Education
- William Mrukowski.....Elyria
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Karen Shanley Mullin.....Omaha, Nebr.
 A.B. (University of California, Los Angeles)
Field of Specialization: Physical Education
- Donald Kevin Mulvihill.....Westfield, N. J.
 B.S. in Edu. (University of Dayton)
Field of Specialization: Classical Languages
- Jerald Wayne Murdock.....Swartz Creek, Mich.
 B.S. (Michigan State University)
Field of Specialization: Education
- Ellen MacLarren Murray.....Powell
 B.A. (Berea College)
Field of Specialization: Sociology
- Donald Michael Murtha.....Arlington, Va.
 A.B. (Antioch College)
Field of Specialization: Art
- Ann Kimball Myers.....Marion
 B.Sc. in Edu.
Field of Specialization: Speech

- Donna McKinley Nagely.....Salina, Kans.
A.B. (Kansas Wesleyan University)
Field of Specialization: Psychology
- Ralph Cecil Neal.....Grove City
B.S. in Ed. (Kent State University)
Field of Specialization: Education
- Robert Lloyd Neumann.....Zanesville
B.S. (University of Cincinnati)
Field of Specialization: Music
- Sandra Barbour Newcomb.....Lancaster
B.A. (Ohio Wesleyan University)
Field of Specialization: History
- Fred Byerla Newton.....Galloway
B.A. (Muskingum College)
Field of Specialization: Education
- Robert Frederick Novotny.....Ashtabula
B.Sc. in Edu.
Field of Specialization: Romance Languages
- Anugo Patrick Ntukogu.....Onitsha, Nigeria
A.B. (Central State College)
Field of Specialization: Political Science
- John Karol Oblak.....Cleveland
B.Sc. in Edu.
Field of Specialization: Music
- Joseph Francis O'Connor.....Akron
B.A. (Borromeo Seminary of Ohio, Wickliffe)
Field of Specialization: Classical Languages
- Albert John Ogren, Jr.....Bloomington, Minn.
B.S., M.Ed. (Abilene Christian College)
Field of Specialization: Education
- Emmanuel Babatunde Ogundele.....Igbaye, Nigeria
B.S in Bus. Ad. (Bowling Green State University)
Field of Specialization: Accounting
- Roger Keith Ohlemacher.....Sandusky
A.B. (Mount Union College)
Field of Specialization: Education
- Linda Beth Orgel.....Canton
B.A.
Field of Specialization: English
- Phyllis Marynick Palmer.....Columbus
A.B. (Oberlin College)
Field of Specialization: History
- Elizabeth Louise Patterson.....Dayton
B.A. (Baldwin-Wallace College)
Field of Specialization: Education
- Dorothy Lucile Peak.....Long Island, Va.
B.S. Ed. (Madison College); M.R.E. (Southern Baptist Theological Seminary)
Field of Specialization: Education
- Marian Purdy Peneton.....Lexington
B.S. in Ed. (Ashland College)
Field of Specialization: Education

- Richard Dale Pepple.....Wilmington
 B.Sc. in Edu.
Field of Specialization: Education
- Walter Stephen Phelan.....Columbus
 A.B. (Pontifical College Josephinum)
Field of Specialization: English
- Robert Charles Phillips.....Steubenville
 B.A.
Field of Specialization: German
- Dennis Arthur Pickering.....Piqua
 B.Sc. in Edu.
Field of Specialization: Education
- Isaiah Benjamin Pierce, Jr.....Columbus
 A.B. (University of Pittsburgh)
Field of Specialization: Education
- Evelyn Corwin Pifer.....Mansfield
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Elisabeth Hanson Pittman.....Cocoa, Fla.
 B. of Gen.Studies (Rollins College)
Field of Specialization: Slavic Languages
- Marjorie Leeds Pollack.....Cedarhurst, N. Y.
 B.Sc. in Edu.
Field of Specialization: Education
- Wilbur Victor Pontius.....Kingston
 B.Sc. in Edu.
Field of Specialization: Education
- Glenna Geese Pound.....Marysville
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- June Marguerite Prange.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Bailey Howell Price.....Columbus
 B.A. (Williams College)
Field of Specialization: Music
- Norman Morris Puntenney.....Mingo Junction
 B.Sc. in Edu.
Field of Specialization: Education
- David Lawrence Rarick.....Madison, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Speech
- Barbara Duffey Redick.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jeffrey Michael Rehm.....Shaker Heights
 A.B. (Washington University)
Field of Specialization: Psychology
- Robert Alan Reither.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

- Joyce Kempf Renfrew.....Coshocton
 B.S. in Nurs. (Western Reserve University)
Field of Specialization: Education
- Jobyann Renick.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Joan Dohse Rensch.....Dayton
 B. of Music Ed. (Capital University)
Field of Specialization: Music
- Gerald Ernest Reynolds.....Geneva, Ill.
 B.A. (Kenyon College)
Field of Specialization: Political Science
- Janice McKenna Reynolds.....Hubbardston, Mich.
 B.S. (Central Michigan University)
Field of Specialization: Sociology
- Edward Alexander Rhodes.....Canton
 B.S.Ed. (Malone College)
Field of Specialization: Education
- Neil Ryan Richardson.....Columbus
 A.B. (Miami Univeristy)
Field of Specialization: Political Science
- Dean Burleigh Rinehart.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Mollie Joan Robbins.....San Diego, Calif.
 B.A. (Psych.) (San Jose State College)
Field of Specialization: Psychology
- Elaine Roberts.....West Hempstead, N. Y.
 A.B. (Queens College)
Field of Specialization: English
- William Howell Roberts.....Delaware
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- I. Arlene Robinson.....Columbus
 B.S. Ed. (Ohio University)
Field of Specialization: Education
- Daniel John Ronec.....Lorain
 B.S. in Ed. (Miami University)
Field of Specialization: Political Science
- Brownell Clikeman Ross.....Savanna, Ill.
 B.S. (Northwestern University)
Field of Specialization: Speech
- Mary Gunsallus Roth.....Worthington
 B.S. Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Education
- Carol Ann Angene Rush.....Bucyrus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Wilbur Russell.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education

- Mary Varner Sabatino.....Frazeysburg
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Jeffrey Jay St. Clair.....Masontown, Pa.
 B.A. (Pennsylvania State University)
Field of Specialization: Romance Languages
- Uldis Janis Sakss.....East Cleveland
 B.A.
Field of Specialization: Political Science
- John Paul Sanders.....Jenkins, Ky.
 A.B. in Edu. (University of Kentucky)
Field of Specialization: English
- Norma Joanne Sanders.....Greenville
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- John Harvey Saylor.....Van Wert
 B.Sc. in Edu.
Field of Specialization: Education
- Sister Mary Carol Schalk.....Columbus
 B.S. in Edu. (Rosary Hill College, New York)
Field of Specialization: Speech
- William Allen Scheaf.....Columbus
 A.B. (Middlebury College, Vermont); B.Sc. in Edu.
Field of Specialization: Psychology
- John Douglas Scherer.....Columbus
 B.A.
Field of Specialization: History
- Ralph Allen Scherler.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Craik Schmick.....Chevy Chase, Md.
 A.B. (University of Georgia)
Field of Specialization: Political Science
- Verna Jean Smith Schuler.....Worthington
 B.A. (Michigan State University)
Field of Specialization: Speech
- Mary Salb Schumacher.....Columbus
 B.S. in Nurs. (Capital University)
Field of Specialization: Education
- Mary Nadine Schwallie.....Ripley
 B.S. in Edu. (Miami University)
Field of Specialization: Education
- Kathryn Carlisle Schwartz.....Gambier
 A.B. (Bard College)
Field of Specialization: English
- Phillip Edwin Scott.....Plain City
 B.Sc. in Edu.
Field of Specialization: Education
- Rose Margaret Roherty Sedeen.....St. Louisville
 B.A. (Rockford College)
Field of Specialization: English

- Darlene Orr Semler.....Eaton
 B.S. in Edu. (Miami University)
Field of Specialization: Education
- Charlena Moten Seymour.....Roxbury, Mass.
 B.F.A. (Howard University)
Field of Specialization: Speech
- Thomas Bruce Sharpe.....Liberty Center
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Leon Saul Shaskolsky.....Tel Aviv, Israel
 B.A., LL.B. (University of Cape Town)
Field of Specialization: Sociology
- Loren Adair Shearer.....Kettering
 B.A. (College of Wooster)
Field of Specialization: Speech
- Ronald Gene Shelton.....Carroll
 B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Carole Jo Shiplevy.....St. Clairsville
 B.A.
Field of Specialization: History
- Carolyn Ann Short.....Wauseon
 B.A. (Goshen College)
Field of Specialization: Education
- James Michael Siddens.....St. Cloud, Minn.
 B.A. (Kansas State University)
Field of Specialization: English
- Ira Jay Silverman.....New York, N. Y.
 A.B. (City College, New York)
Field of Specialization: Sociology and Anthropology
- James Sanders Sims.....Marietta
 A.B. (Marietta College)
Field of Specialization: Education
- Michael Sipl.....Columbus
 B.S. (University of Dayton)
Field of Specialization: Education
- Sharon Barnes Slack.....Worthington
 B.Sc. in Edu.
Field of Specialization: History
- Earl Keith Smelser.....Winona, Minn.
 B.A. (Hamline University)
Field of Specialization: Education
- Clyde Sharpe Smith.....Carlisle, Ky.
 B.S. (Eastern Kentucky State College)
Field of Specialization: Education
- Glenella Campbell Smith.....Harrison
 B.Sc. in Edu.
Field of Specialization: Education
- Warren Fredric Smith.....Gibsonburg
 A.B. (Capital University)
Field of Specialization: Education

- Edward Lawrence Soderman.....Berkeley, Calif.
A.B. (San Francisco State College)
Field of Specialization: Education
- Ivamae Sommers.....Columbus
B.S. (Manchester College, Indiana)
Field of Specialization: Education
- Patricia Frazier Southward.....Ashville
B.Sc. in Edu.
Field of Specialization: Education
- Marjorie Hunter Sowell.....Hamilton
B.Sc. in Soc.Adm.; B.S. in Ed. (University of Cincinnati)
Field of Specialization: Education
- Woodrow Oakie Spriggs, Jr.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Jean Mitchell Staley.....Lima
B.A.
Field of Specialization: Romance Languages
- Nancy J. Stanich.....Sewickley, Pa.
B.A. (Parsons College)
Field of Specialization: Physical Education
- Mary Lou Starke.....Cleveland
B.S. in Ed. (Valparaiso University)
Field of Specialization: Education
- Rodney Earl Steele.....Washington, D. C.
B.A., B.Sc. in Bus.Adm.
Field of Specialization: Economics
- William Herman Steffens.....Marysville
B.Sc. in Edu.
Field of Specialization: Education
- John Edward Steitz.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Joseph Michael Stern.....South Euclid
B.A. (Fenn College)
Field of Specialization: English
- Jeffrey Alan Stuckman.....Bucyrus
B.Sc. in Edu.
Field of Specialization: Education
- Koki Sukegawa.....Mito-Shi, Japan
Bachelor of Law (University of Tokyo)
Field of Specialization: Political Science
- George Michael Sunnucks.....Mansfield
B.Sc. in Edu.
Field of Specialization: History
- Donna Kenower Sutton.....Lima
A.B. (Ohio Northern University)
Field of Specialization: Romance Languages
- Nancy Risdon Swain.....Huntington, N. Y.
B.S. in Edu. (Hofstra University)
Field of Specialization: Education

- Phyllis Joanne Swank.....Bellville
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Gail Elaine Sweeney.....Stewartstown, Pa.
 A.B. (Gettysburg College)
Field of Specialization: Psychology
- Alice Jean Taliak.....Berea
 A.B. (Middlebury College)
Field of Specialization: Education
- Jane Bryant Taracko.....Columbus
 B.A. (Muskingum College)
Field of Specialization: Education
- Joseph Monroe Taylor.....Milan
 A.B.Ed. (Glenville State College, West Virginia)
Field of Specialization: Education
- Betty Lou Jamieson Tenney.....Santa Clara, Calif.
 B.S.Ed. (Southern Oregon College of Education)
Field of Specialization: Education
- Arnold Jay Terpstra.....Grand Rapids, Mich.
 A.B. (Calvin College); A.M. (University of Michigan)
Field of Specialization: Education
- Evan Robert Thomas.....Galloway
 A.B. (Asbury College, Kentucky)
Field of Specialization: History
- Gary Eugène Thompson.....Bellefontaine
 B.Sc. in Edu.
Field of Specialization: Education
- Charles Tichy.....Phoenix, Ariz.
 B.A. (Arizona State University)
Field of Specialization: Slavic Languages
- Rita Salb Troxel.....Columbus
 B.S. in N.Ed. (Indiana University)
Field of Specialization: Education
- Betty Jean Tucker.....Opa-Locka, Fla.
 B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Speech
- Janet Lynne Tucker.....Cincinnati
 B.Sc. in Edu.
Field of Specialization: Psychology
- Susan Rucht Vago.....Columbus
 A.B. (Hiram College)
Field of Specialization: Education
- John Raymond Vermillion.....Williamstown
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Weir Vollenweider.....West Chester, Pa.
 B.S. in Sec.Edu. (West Chester State College, Pennsylvania)
Field of Specialization: Education

- Charles Ronald Wagner.....Bedford
 B.Sc. in Edu.
Field of Specialization: Education
- Bruce Albert Waite.....Mansfield
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Nancy Grant Waite.....Columbus
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Louise Chambers Watters.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Virginia Hetzler Weaston.....Westerville
 A.B. (Otterbein College)
Field of Specialization: Education
- Ardeth Woodard Webber.....Cedarville
 B.A. (William Penn College, Iowa)
Field of Specialization: Education
- Donald Louis Weber.....Reynoldsburg
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Sister Lucille Weber.....Dayton
 B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Barbara Lynne Weinstein.....South Bend, Ind.
 A.B. (Indiana University)
Field of Specialization: Political Science
- Dennis Edward Wenger.....East Canton
 B.Sc. in Edu.
Field of Specialization: Sociology and Anthropology
- Janet Williams White.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Lowell Whitman.....Larue
 B.Sc. in Edu.
Field of Specialization: Education
- Beverly Watson Willis.....Massillon
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Jane Wilson.....Sandusky
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Sharon Sides Wilson.....Zanesville
 B.A. (Muskingum College)
Field of Specialization: Education
- Joey Samuel Windham.....Frostproff, Fla.
 B.A., M.A. (Ed.) (Western Carolina College)
Field of Specialization: Education
- Pearl C. Winter.....Brooklyn, N. Y.
 B.Sc. in Edu.
Field of Specialization: Sociology

- Cecilia Catherine Witt.....Chardon
 B.A. (Catholic University of America)
Field of Specialization: Speech
- Daniel Wayne Workman.....Lexington
 B.S. Ed. (Ashland College)
Field of Specialization: Education
- Doris Yvonne Wright.....Columbia, S. C.
 B.S. (West Virginia State College, Institute)
Field of Specialization: Education
- Anita Lee Zarembo.....Wilkes-Barre, Pa.
 B.S.H.E. (State Teachers College, Lock Haven, Pennsylvania)
Field of Specialization: Psychology
- Lowell Venell Zetterman.....Lexington, Nebr.
 A.B. (Doane College)
Field of Specialization: Education
- Marsha Lach Zilch.....Amherst
 A.B. (University of Michigan)
Field of Specialization: Speech
- Luna Cooper Zollinger.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

(Three hundred and sixty-eight candidates)

Master of Business Administration

- Kenneth Joseph Bachman.....Stone Lake, Wis.
 B.S. (Agric.) (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Bagley.....Hamilton
 B.S. in Edu. (Miami University)
Field of Specialization: Business Organization
- Gary Lee Baxter.....Euclid
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Charles William Blanchard.....Lyndhurst
 B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Gary Irvin Borchardt.....Santa Clara, Calif.
 B.S. (San Jose State College)
Field of Specialization: Business Organization
- William Kettler Brandt.....Anna
 B.Sc. in Agr.
Field of Specialization: Business Organization
- James Richard Brotherton.....Lakewood, Calif.
 A.B. (Boston University)
Field of Specialization: Business Organization
- Robert L. Bryan.....Biloxi, Miss.
 B.S. (Bus.Adm.) (Rochester Institute of Technology)
Field of Specialization: Business Organization
- Joe Lane Byrom.....Wichita Falls, Tex.
 B.A. (Whitworth College, Washington)
Field of Specialization: Business Organization

- Edward Robert Cain.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Louis Casterline.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Peterson Chalfant.....Steubenville
 A.B. (University of Pennsylvania); LL.B.
Field of Specialization: Business Organization
- William Richard Chambers.....Ethel, Miss.
 B.S. (Mississippi State University)
Field of Specialization: Business Organization
- William Alfred Christians.....Johnson Creek, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Joseph Cody, Jr.....Clearwater, Fla.
 B.S. (United States Military Academy)
Field of Specialization: Business Organization
- Jackie Lee Copeland.....Columbus
 B.S. (Hardin-Simmons University)
Field of Specialization: Business Organization
- James Lewis Crouch.....Keller, Tex.
 B.A. (North Texas State College, Denton)
Field of Specialization: Business Organization
- Samuel Lee Croucher.....Dayton
 B.S.B.A. (Berea College)
Field of Specialization: Business Organization
- Thomas Paul Drake.....Zanesville
 B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Harris Charles Friedman.....South Euclid
 B.Sc.
Field of Specialization: Business Organization
- John Lewis Funkhauser.....Atchison, Kans.
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- William Howard Glass.....Gervais, Ore.
 B.S. (Oregon State University)
Field of Specialization: Business Organization
- Gordon Dickie Gortler.....Columbia City, Ore.
 B.S. (Brigham Young University)
Field of Specialization: Business Organization
- Eugene Moores Graham.....Bloomfield, Ky.
 B.S. in Com. (University of Kentucky)
Field of Specialization: Business Organization
- Arnold Herbert Haberkorn, Jr.....Camden, Ark.
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Gerald Marshall Hampton.....Coral Gables, Fla.
 B.A. in Bus.Adm. (University of Washington)
Field of Specialization: Business Organization

- Patrick Leigh Hampton.....Akron
 B.S. in B.A. (Miami University)
Field of Specialization: Business Organization
- Joel Barry Haynes.....Cincinnati
 B.I.E.
Field of Specialization: Business Organization
- Larry Lammers Heckman.....East Cleveland
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Ralph Kenneth Henricks.....Jackson, Calif.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Michael Leonard Hinnebusch.....Pittsburgh, Pa.
 B.S. (Bus.Adm.) (Duquesne University)
Field of Specialization: Business Organization
- Marion Billy Hitt.....San Angelo, Tex.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Business Organization
- Paul Francis Hoffmann.....Dayton
 B.I.E. (University of Dayton)
Field of Specialization: Business Organization
- Nicholas Andre Keck.....Clearwater, Fla.
 B.A. (University of Maryland)
Field of Specialization: Business Organization
- Dale Leroy Kellam.....Huntington, Ind.
 B.S. in Ed. (Ball State University)
Field of Specialization: Business Organization
- William Andrew Knapp.....Newton Falls
 B.S. (Florida Southern College, Lakeland)
Field of Specialization: Business Organization
- William Dale Knox.....El Paso, Tex.
 B.A. (East Texas State Teachers College)
Field of Specialization: Business Organization
- Richard Kosmo.....Lorain
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Brenton Lance.....Billings, Mont.
 B.S. in Agr. (Montana State College, Bozeman)
Field of Specialization: Business Organization
- George Nelson Leventen.....Los Angeles, Calif.
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- David Edward Lintzenich.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Harry Ralph Lisk.....Columbus
 B.S. (Ind.Mgt.) (University of Cincinnati)
Field of Specialization: Business Organization
- Raymond Newton Long.....New Braunfels, Tex.
 B.S. in I.A. (Southwest Texas State Teachers College)
Field of Specialization: Business Organization

- Harry Edward Loudenslager**.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Homer Junior Merfeld**.....Cloquet, Minn.
 B.S. (Texas Agricultural and Mechanical University)
Field of Specialization: Business Organization
- Terence Edward Monaghan**.....Dayton
 B.S. in Bus.Adm. (Northwestern University)
Field of Specialization: Business Organization
- Minoru Nakai**.....Tokyo, Japan
 B.Sc. (Keio University)
Field of Specialization: Business Organization
- William Lucas Neal**.....Greenville
 B.S. (Bus.) (Miami University)
Field of Specialization: Business Organization
- William Bowers Norwood**.....New Orleans, La.
 B.A. (Southeastern Louisiana College)
Field of Specialization: Business Organization
- Robert Charles Oaks**.....Provo, Utah
 B.S. (United States Air Force Academy)
Field of Specialization: Business Organization
- Ronald Anthony Oranski**.....Independence
 B.S.M.E. (University of Toledo)
Field of Specialization: Business Organization
- Philip Charles Parker**.....Stow
 B.A.
Field of Specialization: Business Organization
- Robert William Parker**.....Cadyville, N. Y.
 A.B. (Saint Michaels College, Vermont)
Field of Specialization: Business Organization
- Dulin Barrett Perry**.....Martins Ferry
 B.E.E.
Field of Specialization: Business Organization
- Larry Leroy Phelps**.....Middletown
 B.S. (Accountancy) (University of Illinois)
Field of Specialization: Business Organization
- James Laurence Post**.....Medfield, Mass.
 B.A. (University of Colorado)
Field of Specialization: Business Organization
- James Donald Powell**.....Byers, Tex.
 B.B.A. (North Texas State University)
Field of Specialization: Business Organization
- Bobby Jay Ratledge**.....Greensboro, N. C.
 B.S.B.A. (University of North Carolina)
Field of Specialization: Business Organization
- Kenneth Anthony Roberts**.....Baltimore, Md.
 B.A. (University of Maryland)
Field of Specialization: Business Organization
- Herbert Sylvester Schaeffer, Jr.**.....Bellevue
 B.S. (United States Military Academy)
Field of Specialization: Business Organization

- Charles Alfred Snyder.....Dayton
 B.F.A. (University of Georgia)
Field of Specialization: Business Organization
- Ray Stevenson III.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Austin R. Wade.....Franklin, Ky.
 B.S. (Western Kentucky State College, Bowling Green)
Field of Specialization: Business Organization
- James Noel Weider.....Hicksville
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James Patrick Whalen.....Forest Hills, N. Y.
 B.A. (Manhattan College)
Field of Specialization: Business Organization
- David Edward Workman.....Newark
 B.S. (Purdue University)
Field of Specialization: Business Organization
 (Sixty-six candidates)

Master of City Planning

- Michael Alan Calvert.....Columbus
 B.A.
Field of Specialization: Architecture (City Planning)
- Franklin Leroy Elmer.....Sandusky
 B. of Arch. (Kent State University)
Field of Specialization: Architecture (City Planning)
- Alexander Daniel Fittinghoff.....Oakland, Calif.
 B.S. (California State Polytechnic College)
Field of Specialization: Architecture (City Planning)
- Nathaniel Moffitt Griffin.....St. Louis, Mo.
 B.A. (Washington and Lee University)
Field of Specialization: Architecture (City Planning)
- James Clifford Tonn.....Elton, La.
 B.S.L.A. (Louisiana State University)
Field of Specialization: Architecture (City Planning)
 (Five candidates)

Master of Education

- Cleo Wolfe Goldsberry.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
 (One candidate)

Master of Fine Arts

- John Willard Fox.....Columbus
 B.F.A.
Field of Specialization: Fine Arts (Graphics)
 (One candidate)

Master of Medical Science

Arthur Albert Tesi.....Columbus
B.Sc.
Field of Specialization: Surgery
(One candidate)

Master of Music

Erica Elizabeth Smit-Vanrotte.....Columbus
M.A.
Field of Specialization: Music

Dale Roy Sparlin.....Cleveland Heights
B.Mus.
Field of Specialization: Music
(Two candidates)

Master of Science

Syed Afaq Ali.....Karachi, Pakistan
B.Sc. (Hon.), M.Sc. (University of Karachi)
Field of Specialization: Geology

Lynne Musgrave Angerer.....Columbus
B.Sc.
Field of Specialization: Zoology

Dorothy Ayers Augenstein.....Perrysville
B.Sc. in Nurs.
Field of Specialization: Nursing

Robert Britton Auld, Jr.....Cleveland
B.S. (Antioch College)
Field of Specialization: Physics

James Walter Azbell.....Columbus
E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

Richard Craig Bailey.....Indiana, Pa.
B.S. in Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Mathematics

Charles Marvin Baldeck.....Rochester, N. Y.
B.S. (Eastern Nazarene College, Massachusetts)
Field of Specialization: Chemistry

Karl Roy Barnhardt.....Lima
B.Sc.
Field of Specialization: Computer Science

Robert William Batchelor.....Pittsford, N. Y.
B.S. (Saint Francis College, Pennsylvania)
Field of Specialization: Chemistry

Gerald Robert Baughman.....Carey
B.Agr.E.
Field of Specialization: Agricultural Engineering

Robert Bruce Beelman.....Columbus
B.S. (Capital University)
Field of Specialization: Horticulture

- Welden Sommer Benedict.....Columbus
 B.A.A.E., M.Sc.
Field of Specialization: Nuclear Engineering
- James Frederick Berg.....Wapakoneta
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Ronald Stephen Boster.....Columbus
 B.Sc. in Edu.
Field of Specialization: Geology
- John William Bradshaw.....West Milton
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Marianne Joan Carlson.....West Orange, N. J.
 B.S. (Chestnut Hill College, Pennsylvania)
Field of Specialization: Chemistry
- Carl Robert Carnein.....Chillicothe
 B.Sc.
Field of Specialization: Geology
- Sister George Mary Carr.....Nazareth, Ky.
 B.S. (Catherine Spaulding College, Kentucky)
Field of Specialization: Home Economics
- Vinay Dattatraya Chafekar.....Gadag, India
 B.D.S. (University of Bombay)
Field of Specialization: Dentistry
- William Clifton Chard.....Columbus
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- John Vincent Chidley.....Cleveland
 B.S. (Bowling Green State University)
Field of Specialization: Anatomy
- Frances Marie Chmura.....Parma
 B.S. in Nursing (St. John College of Cleveland)
Field of Specialization: Nursing
- Daryl Ray Clark.....Piedmont
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Darral Glen Clarke.....Salt Lake City, Utah
 B.A. (University of Utah)
Field of Specialization: Mathematics
- Adele Ruth Cohn.....Cleveland Heights
 B.S.Ed. (Ohio University)
Field of Specialization: Mathematics
- Alice Lee Congdon.....Spokane, Wash.
 B.S. in Bact. (Washington State University)
Field of Specialization: Microbiology
- James Frederic Corum.....Wilmington, Mass.
 B.S. (E.E.) (Lowell Technological Institute)
Field of Specialization: Electrical Engineering
- Ronald Lee Cunning.....Mansfield
 B.E.E.
Field of Specialization: Electrical Engineering

- James William Davis.....Cambridge
 B.Sc.
Field of Specialization: Geology
- John Henry Davis.....Carrollton
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Kenneth Ray Diller.....Orrville
 B.M.E.
Field of Specialization: Mechanical Engineering
- Stephen James Dina.....Medina
 B.S. (Mount Union College)
Field of Specialization: Botany
- Brian Arthur Dinel.....London, Ont., Canada
 B.Sc. in Pharm. (University of Toronto)
Field of Specialization: Pharmacy
- Carroll Ray Dobbs.....Belleville, Ark.
 B.S. (Arkansas Polytechnic College)
Field of Specialization: Physiological Chemistry
- Sister M. Ellen Francis Duchelle.....Hamden, Conn.
 B.S. (Saint Joseph College, Connecticut)
Field of Specialization: Chemistry
- Jane Elizabeth Dudek.....Petoskey, Mich.
 B.S. (Michigan State University)
Field of Specialization: Mathematics
- William Abel Felton.....Pittsburgh, Pa.
 B.Sc.
Field of Specialization: Computer Science
- Kenneth Thomas Fitzpatrick.....The Bronx, N. Y.
 B.S. (City College, New York)
Field of Specialization: Geology
- Martin Andrew Garcia.....Massillon
 B.Sc.
Field of Specialization: Anatomy
- Sarah Ann Mathews Garrett.....Worthington
 B.S. (O.T.) (University of Wisconsin)
Field of Specialization: Home Economics
- Paul Howard Gault.....Baden, Pa.
 B.S. (Geneva College)
Field of Specialization: Chemistry
- Charles Wayne Geiselman, Jr.....Greenwood, Miss.
 B.S. in Pharmacy (University of Mississippi)
Field of Specialization: Pharmacy
- Marcia Rehmar Gelpe.....Cleveland Heights
 A.B. (Barnard College)
Field of Specialization: Zoology and Entomology
- Rose Marie Gerber.....Kidron
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Margaret Burkley Gill.....Westerville
 B.Sc. in H.E.
Field of Specialization: Home Economics

- Rosa Lee Glee.....Madison, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Home Economics
- Robert Anthony Golobic.....Euclid
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Anne Stubenrauch Goodell.....Columbus
B.S. (University of Wisconsin)
Field of Specialization: Home Economics
- John Douglas Goss.....Columbus
B.Sc. in Phys.
Field of Specialization: Physics
- *Thomas William Greaves.....Cleveland
Field of Specialization: Electrical Engineering
- Radhey Shyam Gupta.....Meerut, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Mathematics
- Sezai Gursel.....Gaziantep, Turkey
M.D. (Ankara University)
Field of Specialization: Pathology
- Tran Trong Ha.....Saigon, Viet Nam
M.D. (University of Saigon)
Field of Specialization: Pathology
- Dhaneshwar Prasad Hajela.....Delhi, India
B.Sc. (Agra University); B.E. (University of Roorkee)
Field of Specialization: Geodetic Science
- Richard Coumains Hall.....Bloomfield Hills, Mich.
B.Sc.
Field of Specialization: Microbiology
- Helen Anita Clark Hazen.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics
- Dale Bryce Henry.....Englewood, Colo.
B.S. (Colorado State University)
Field of Specialization: Zoology
- Robert Wayne Hoskins.....Moundsville, W. Va.
B.S.Sec.Ed. (West Virginia University)
Field of Specialization: Botany and Plant Pathology
- James Arize Howell.....Akron
B.A.
Field of Specialization: Anatomy
- Jane Rogers Hyatt.....Cullowhee, N. C.
B.S. (Western Carolina Teachers College)
Field of Specialization: Home Economics
- Bertha Luise Ihnat.....Fremont
B.Sc. in Soc.Wel.
Field of Specialization: Home Economics
- *Kenneth Charles Johnson.....Youngstown
Field of Specialization: Metallurgical Engineering

* Two degrees

- Lytle Dana Johnson..... Columbus
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Esther Marie Jones..... Circleville
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Judith Stella Karski..... Lewiston, N. Y.
 B.S. (State University of New York at Albany)
Field of Specialization: Mathematics
- Karl Clinton Kauffman..... Waynesville
 B.S. (University of Dayton)
Field of Specialization: Chemistry
- Willis Jack Kishler..... St. Marys
 B.Sc.
Field of Specialization: Botany and Plant Pathology
- Albert Jonathan Klein..... Kettering
 B.Sc.
Field of Specialization: Mathematics
- Janice Kempf Kleinline..... Pandora
 B.S. (Bluffton College)
Field of Specialization: Home Economics
- William Russell Klinger..... Marion, Ind.
 B.S. in Ed. (Taylor University)
Field of Specialization: Mathematics
- Gary Richard Kohler..... Orrville
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Lloyd Dean Konyha..... Columbus
 B.S., D.V.M. (Michigan State University)
Field of Specialization: Veterinary Preventive Medicine
- Gary Alan Kordosky..... Hastings, Minn.
 B.S. (Saint John's University)
Field of Specialization: Chemistry
- Joan Neuhart Krone..... Ada
 B.A. (West Liberty State College)
Field of Specialization: Mathematics
- Jerome Edward Kurent..... Independence
 B.Sc.
Field of Specialization: Microbiology
- Richard Arthur Laitinen..... Jefferson
 B.Sc.
Field of Specialization: Mathematics
- Lars August Laubinger..... Northfield
 B.S. (Math) (Marietta College)
Field of Specialization: Mathematics
- Lester Irvan Leach..... Dayton
 B.S.Ed. (University of Dayton)
Field of Specialization: Zoology
- Edwin Blair Leighton..... New Canaan, Conn.
 A.B. (Earlham College)
Field of Specialization: Mathematics

- Bernard Lenehan**.....Dublin, Ireland
 B.E. (National University of Ireland)
Field of Specialization: Industrial Engineering
- Charles Stephen Locke**.....Murfreesboro, Tenn.
 B.A. (David Lipscomb College)
Field of Specialization: Mathematics
- Richard Lonchar**.....Euclid
 A.B. (Colgate University)
Field of Specialization: Computer Science
- Torrey Clark Lyons**.....Davis, Calif.
 B.S. (University of California, Davis)
Field of Specialization: Agricultural Engineering
- Gerald Edward Mahl**.....Norwalk
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Natalia Brown McAfee**.....Columbus
 B.S. in Nur.Ed. (University of Pittsburgh)
Field of Specialization: Nursing
- Donald Orin McAllister**.....Carrollton
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Bruce Phillip McCoy**.....Dayton
 B.Sc.
Field of Specialization: Microbiology
- Lowell Jerome McEowen**.....Massillon
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Gary Lynn McKee**.....Canton
 B.S. (Kent State University)
Field of Specialization: Mathematics
- Shirley Alice Mealey**.....Gallipolis
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Cynthia Cornell Mickel**.....Mt. Zion, Ill.
 B.A. (Millikin University)
Field of Specialization: Zoology
- Sandra Waggett Miller**.....Akron
 B.Sc. in H.E.
Field of Specialization: Home Economics
- William Butterworth Montano**.....Union City, Ind.
 B.E.E.
Field of Specialization: Electrical Engineering
- Kuk Jin Moon**.....Seoul, Korea
 B.Sc. (Yonsei University)
Field of Specialization: Physics
- Thomas Joseph Mulcahy**.....Dublin, Ireland
 B.Eng. (National University of Ireland)
Field of Specialization: Civil Engineering
- John Alexander Neff**.....Bellaire
 B.S. (Ohio Wesleyan University)
Field of Specialization: Electrical Engineering

- Barbara Feinberg Nehman.....New Brunswick, N. J.
 B.A. (Douglass College, New Jersey)
Field of Specialization: Zoology and Entomology
- Robert Edward Niebuhr.....Cincinnati
 B.S. Met.Eng. (University of Cincinnati)
Field of Specialization: Metallurgical Engineering
- George Worthington Norton III.....Wheeling, W. Va.
 A.B. (Marietta College)
Field of Specialization: Mathematics
- Charles Allen Oprian.....Cleveland
 B.S. (Case Institute of Technology)
Field of Specialization: Mathematics
- Margie Ann Place.....Toledo
 B.S. (Nurs.) (Western Reserve University)
Field of Specialization: Nursing
- Jerry Lou Planchock.....Homeworth
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Bruce Earl Poling.....Marysville
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Alcide Leon Porell.....Dayton
 A.B. (Saint Michaels College)
Field of Specialization: Chemistry
- Susan Payne Porterfield.....Worthington
 B.Sc.
Field of Specialization: Physiology
- Philip Dahl Predmore.....Findlay
 B.Sc.
Field of Specialization: Physiology
- Stanley Virgil Prenger.....Minster
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert Barry Prynne.....Columbus
 B.Sc. in Agr., D.V.M.
Field of Specialization: Veterinary Physiology
- Alexis Mayo Ray.....Houston, Tex.
 B.A. (University of Texas)
Field of Specialization: Industrial Engineering
- George Arthur Richards.....Granville
 B.E.E.
Field of Specialization: Electrical Engineering
- Nelson Andrew Riedel.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Walter Charles Roehrs.....Defiance
 B.C.E.
Field of Specialization: Civil Engineering
- Gerald Frank Root, Jr.....Kennedy, N. Y.
 B.S. (State University College, Cortland, New York)
Field of Specialization: Mathematics

- George Ellsworth Ropp.....Nova
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- John Alan Rudd.....Cedarburg, Wis.
 B.S.E.E. (Southern Methodist University)
Field of Specialization: Electrical Engineering
- James Wilbur Rupnow.....Lakewood
 B.E.E.
Field of Specialization: Electrical Engineering
- Mary Ann Rydell.....Fargo, N. Dak.
 B.A. (Concordia College)
Field of Specialization: Computer Science
- Francisco Jose Samaniego.....Los Angeles, Calif.
 B.S. (Loyola University, California)
Field of Specialization: Mathematics
- Jane Ellen Schallis.....Irvington, N. Y.
 B.S. (Chestnut Hill College, Pennsylvania)
Field of Specialization: Chemistry
- James Allan Scherocman.....Rocky River
 B.C.E.
Field of Specialization: Civil Engineering
- Linda Ann Schmotzer.....Cleveland
 B.S. (Notre Dame College)
Field of Specialization: Biochemistry
- Carl Frederick Scholz.....Ft. Wayne, Ind.
 B.S., M.S. (Purdue University)
Field of Specialization: Mathematics
- James Edward Schultz.....Shorewood, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Mathematics
- George Ludwig Seibert.....Youngsville, N. Y.
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- John William Sij, Jr.....Collinsville, Ill.
 B.S. in Edu. (Eastern Illinois University)
Field of Specialization: Botany
- Dale Lee Stansbury.....New Philadelphia
 B.S. (Muskingum College)
Field of Specialization: Agricultural Economics and Rural Sociology
- Joseph Reese Steiger.....Marysville
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard David Stolk.....Lansing, Mich.
 B.S. (Michigan State University)
Field of Specialization: Chemical Engineering
- James Aubrey Sullivan.....St. Marys
 A.B. (Miami University)
Field of Specialization: Mathematics
- Demetrius Christos Theodorides.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering

- Mary Lou Thomas**.....Radnor
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Mason Lee Thompson**.....Lima
 B.Sc. in Edu.
Field of Specialization: Physics
- Charles Gordon Tindall, Jr.**.....Princeton, N. J.
 B.A. (College of Wooster)
Field of Specialization: Chemistry
- Daryl Andrew Travnicsek**.....Lincoln, Nebr.
 B.S. in M.E. (University of Nebraska)
Field of Specialization: Mathematics
- Edward Louis Tremba**.....Dearborn, Mich.
 B.S. (University of Michigan)
Field of Specialization: Chemistry
- Barbara Carol Troendly**.....Bowling Green
 B.Sc.
Field of Specialization: Microbiology
- *LeRoy Lynn Van Dyke**.....Dousman, Wis.
Field of Specialization: Welding Engineering
- Robert Leo Vecellio**.....Ironton
 B.C.E.
Field of Specialization: Civil Engineering
- Martin Ray Venneman**.....Chardon
 B.Sc.
Field of Specialization: Microbiology
- *Albert Allen Ware**.....Cleveland
Field of Specialization: Welding Engineering
- Paul Dean Warner**.....Pierceton, Ind.
 B.S. (Purdue University)
Field of Specialization: Agricultural Economics and Rural Sociology
- John Dougherty Watson**.....Newcomerstown
 B.Sc. in Agr.
Field of Specialization: Agronomy
- James Grant Watt**.....Waukegan, Ill.
 B.A. (Lake Forest College)
Field of Specialization: Chemistry
- William Charles Watt**.....Bellefontaine
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mary Moore Weaver**.....Wright-Patterson AFB
 B.S. in H.Ec. (George Washington University)
Field of Specialization: Home Economics
- Donald Eugene Weber**.....Akron
 B.E.E. (University of Akron)
Field of Specialization: Electrical Engineering
- Bruce M. Weiss**.....McKeesport, Pa.
 B.S. (University of Wisconsin)
Field of Specialization: Microbiology
- *Gerhardt Grant Wittstock**.....Cleveland
Field of Specialization: Welding Engineering

* Two degrees

- *John Bussey Wood**.....Barberton
Field of Specialization: Chemical Engineering
- Robert Richard Wright**.....Indianapolis, Ind.
 B.A. (Butler University)
Field of Specialization: Astronomy
- David Chi-Fong Wu**.....Cincinnati
 B.E.E.
Field of Specialization: Electrical Engineering
- John Wesley Young III**.....Raleigh, N. C.
 B.S. in Met.Engr. (University of North Carolina)
Field of Specialization: Metallurgical Engineering
- John Edward Zapotosky**.....Linden, N. J.
 B.S. (Wilmington College)
Field of Specialization: Zoology and Entomology
- Gilbert Leroy Zink**.....Clarrington
 B.Sc. in Agr.
Field of Specialization: Dairy Science
 (One hundred and fifty-four candidates)

Master of Science in Public Administration

- Hamlin Caldwell King, Jr.**.....Springfield
 B.A., LL.B.
Field of Specialization: Political Science
 (One candidate)

Master of Social Work

- Mary Esther Ritchey**.....Louisville, Ky.
 A.B. (Miami University)
Field of Specialization: Social Work
 (One candidate)

Candidates for Two Degrees

- John Harvey Bate.....Blanchester
Bachelor of Arts
Bachelor of Science in Education
- Dorie Lee Bulloff.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Linda Sue Frey.....Columbus
Bachelor of Arts (summa cum laude)
Bachelor of Science in Education (summa cum laude)
- Marsha Lee Frey.....Columbus
Bachelor of Arts (summa cum laude)
Bachelor of Science in Education (summa cum laude)
- Thomas William Greaves.....Cleveland
Bachelor of Electrical Engineering
Master of Science
- Michael Francis Hogan.....Garrettsville
Bachelor of Arts
Bachelor of Science in Education
- Kenneth Charles Johnson.....Youngstown
Bachelor of Metallurgical Engineering
Master of Science
- Dianne Howard Katzenmoyer.....Kettering
Bachelor of Arts
Bachelor of Science in Education
- Gary Poling.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- LeRoy Lynn VanDkye.....Dousman, Wis.
Bachelor of Welding Engineering
Master of Science
- Albert Allen Ware.....Cleveland
Bachelor of Welding Engineering (cum laude)
Master of Science
- Gerhardt Grant Wittstock.....Cleveland
Bachelor of Welding Engineering
Master of Science
- John Bussey Wood.....Barberton
Bachelor of Chemical Engineering (cum laude)
Master of Science

(Thirteen candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

David Louis Ballenger.....	Westerville
Dennis Michael Billings.....	Euclid
Wayne Earl Burky.....	New Philadelphia
Michael Allen Burroughs.....	St. Paris
James August Corso.....	Sandusky
Douglas Lynn Dyer.....	Georgetown
Larry Allen Fairchild.....	Marion
Philip John Guss.....	Zanesville
William Carl Huck.....	Columbus
Benny Lee Hunter.....	Lancaster
Carl Christian Jooss.....	Westerville
Larry Lee Karbler.....	Vickery
Robert William Klingensmith.....	Leavittsburg
Thomas Lee Kreager.....	Newark
Dean Earnest LeBeau.....	Canton
Dale Edward Lybarger.....	Shelby
Robert Stephen Lyons.....	Perry
Nancy Arlene Malecki.....	Columbus
Albert Richard Mazzeo.....	Lynchburg
Don Stephen McAuliffe.....	Baltimore
Warren Everett McCulloch.....	North Royalton
Robert John Meyer.....	Clyde
Phillip Eugene Miller.....	Lebanon
James Allan Neikirk.....	Bucyrus
Jan Keith Nestleroad.....	Napoleon
Kenneth David O'Diam.....	Ludlow Falls
William Roy Perry.....	Vickery
Gary Ray Rasor.....	Wadsworth
Ronald David Reed.....	Columbus
Floyd Joseph Reinhart.....	Alvada
Freeman J. Swank, Jr.....	Bellville
Ronald Eugene Tenney.....	Fredericktown
James Vincent Troxel.....	Fremont
Keith Gail Weimer.....	Smethport, Pa.

(Thirty-four candidates)

Bachelor of Science in Food Technology

Martin Robert Okos.....	Sylvania
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(One candidate)

Bachelor of Science in Nutrition

Robert Larry Wagner.....	Bucyrus
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(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Charon Barkley Bauman.....	Marion
Ann Kebker Borland.....	Delaware
Susan Eleanor Bull.....	Xenia
June Karen Cooper.....	Columbus
Rita Anne Davidson.....	Ironton
Deborah Young Edwards.....	Waterville
Constance Elaine Helser.....	Somerset
Marjory Marie Klein.....	Lucasville
Sara Karen Kreusch.....	Dayton
Carolyn Neiswander Livingston.....	Urbana
Julie Anne Long.....	Columbus
Judy Lynne McAfee.....	Columbus
Grace Anne Meteer.....	Carrollton
Linda Joy Nagy.....	Thompson
Cheryl Lynn Noie.....	Columbus
Jo-Ann O'Neill.....	Cleveland
Tena Lloyd St. Pierre.....	Columbus
Alice Karen Smith.....	Alexandria
Martha Rose Varian (cum laude).....	Columbus
Laura Anne Wieder.....	University Heights
Jennifer Hupp Workman.....	Columbus

(Twenty-one candidates)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Richard Edward Altomare.....	Columbiana
Richard Harold Ansley.....	Ridgeway
David Allen Baab.....	Wooster
John Holman Bagley.....	Dublin
David Craig Banker.....	Middletown
Wayne Allen Bare.....	Nevada
William Dale Barker (cum laude).....	Sidney
Homer Ray Baskin.....	Lancaster
*John Harvey Bate.....	Blanchester
Daniel Vaughn Berridge.....	Marion
Richard Joachim Biondo.....	Kettering
Neal Sheldon Birnbaum (cum laude).....	East Liverpool
Barbara Emily Boettcher (cum laude).....	Fairborn
Thomas Ellis Brengelman.....	Cincinnati
Stephen Joseph Brown.....	Tiffin
*Dorie Lee Bulloff.....	Columbus
Jean Ellen Butler.....	Chagrin Falls
Kathleen Antonietta Cagnina.....	Mt. Pleasant
Theodore Nelson Calvert.....	Columbus
James David Cameron.....	Westerville
Suzanne Mary Capek.....	Maple Heights
Mary Louise Cervantes.....	Cincinnati
Edward Joseph Cigolle.....	Barberton
Ronald Anthony Cimaglio.....	Painesville
Richard Henry Clary.....	Columbus
Laura Preston Cleaver.....	Milford
Dennis Allen Cohen.....	Columbus
William Charles Conrad III.....	Toledo
James John Cook.....	Norwalk
Jeffrey Robert Cowan.....	University Heights
Edward John Cruttenden.....	Rochester, N.Y.
Dennis Michael Culler.....	Lucas
Daniel Frederick Davis.....	Canton
Jane Daugherty Davis.....	Canton
Kathleen Anne Dickason.....	Vermilion
Elizabeth Jennifer Dingleline.....	Columbus
Susan Terwilliger Ellis.....	Hamburg, N.Y.
Michael Alan Ellison.....	Dayton
Dorothy Braden Epps, B.Sc.in Edu.....	Stow
Adele Walley Erlandson.....	Columbus
Harold Allen Etling.....	Marshallville
Frederick Leroy Finke (cum laude).....	Columbus
Charles Leslie Fischer.....	Rocky River
Karen Marook Flanigan.....	Steubenville
William Paul Foley.....	Youngstown
Steven Lee Foster.....	North Olmsted
*Linda Sue Frey (summa cum laude).....	Columbus
*Marsha Lee Frey (summa cum laude).....	Columbus
Karen Sopp Garnett.....	Dayton

* Two degrees

Sharon Elizabeth George.....	Columbus
Robert Martin Gerding, Jr.....	Sandusky
Carol Sue Goff.....	Mantua
Mary Jane Gray.....	Schofield Barracks, Oahu, Hawaii
William Martin Greene.....	Lyndhurst
Curtis Griffith, Jr.....	Whitehall
Thomas L. Griffith (cum laude).....	Prospect
Edward Jonathan Griffiths.....	Columbus
John Robert Haaga (cum laude).....	Troy
Marianne Jordan Harrington.....	Wauseon
Bruce Arthur Heller.....	Brooklyn, N.Y.
Edward Byron Heston.....	Akron
*Michael Francis Hogan.....	Garrettsville
William Crawford Holden.....	Columbus
Rebecca Lee Homan.....	Springfield
David Victor House.....	Euclid
Joyce Carol Howe.....	Chippewa Lake
Robert George Huddleston.....	Ada
Susan Fay Hunt.....	Grand Island, N.Y.
Patricia Sue Jacobs.....	Columbus
Allan Douglas Jones.....	Silver Lake
*Dianne Howard Katzenmoyer.....	Kettering
Virginia Lee Kearney.....	Zanesville
David Neil Klooz.....	Cleveland Heights
Allyn Leon Kohlhorst.....	St. Marys
Don Michael Krouskop.....	Lakeview
Thomas Henry Kuhner.....	Cleveland
Carolyn Morris Kurtz.....	Columbus
Donald Martin Lankford.....	Tipton, Ind.
Wellington Lewis Lash II.....	Massillon
Michelle Eichenbaum Lewis.....	Beachwood
Frederic Moore Lloyd.....	Cleveland
Michael Paul Logan.....	Columbus
Christina Kay Love.....	Zanesville
Lorin Jan Malitz.....	Shaker Heights
Bradford Burt Mandell (summa cum laude and with Distinction in Economics).....	Mattapoisett, Mass.
Linda Kotheimer Manley (cum laude).....	Bay Village
Donald James Marion.....	Youngstown
James Frederick Marsico.....	Niles
David Michael Martin.....	Worthington
Michael Stephen Mast.....	Mansfield
Stephen Allan Maxwell.....	Roseville
Michele Duane McBride.....	Uhrichsville
Karel Ann McClellan.....	Lancaster
Judy Elaine McDaniel.....	Worthington
Jerry Ralph McDonald.....	Columbus
Janet Clark McIlroy.....	Oberlin
John Frank Mentzer.....	Barberton
Barbara Ann Mokrzycki.....	Dayton
Roy Stanley Mokrzycki.....	Dayton
Robert Lee Mowls.....	North Canton
William Donald Music, Jr.....	Cincinnati
Frederick William Mussler III.....	Youngstown
Judith Aiken Nagel.....	Columbus

* Two degrees

Joseph Guy Nance.....	Columbus
Larry Ronald Negulesco.....	Cleveland
Mary Kathleen Nicholson.....	Columbus
Paul Lupe Obregon.....	Woodville
Steven Rudolph Olah.....	Cleveland
Phillip Parisi.....	Cleveland Heights
Lynn Kettler Penrod (summa cum laude).....	Piqua
John Wayne Perkins.....	Findlay
*Gary Poling.....	Columbus
Michael Paul Porterfield.....	Brecksville
Philip Martin Primmer.....	Lancaster
John William Redmond.....	Columbus
Karen Wilson Richardson.....	Parma
Lee Keith Riethmiller.....	Clarington
John Joseph Rinehart (cum laude).....	McComb
Sharon Lynn Roberts.....	Gulfport, Miss.
Eugene Blakely Robinson, Jr.....	Cincinnati
Michael Gordon Rosenbaum.....	Brookline, Mass.
Bernard Louis Rosenblum.....	Valley Stream, N.Y.
Michael Terence Rosselot.....	Oxford
Brenda Ann Rouse.....	Columbus
John Chappell Russell.....	Lakewood
James Walter Ryder.....	Lima
Arlene Helen Samuel (cum laude).....	Jefferson
Thomas Barney Schaide.....	Cleveland
Sylvia Schmerler.....	Dayton
Richard Schmidt.....	Catskill, N.Y.
Frederick Arthur Sexton.....	Columbus
Arthur Michael Shack.....	Cleveland
Franklin George Shearer.....	Columbus
Richard Allen Sherriff.....	Willoughby
Juanita Blythe Simpson.....	Cincinnati
Ira Singer.....	Brooklyn, N.Y.
Jane Paula Singer.....	Jersey City, N.J.
Joyce Dorene Slater.....	Cincinnati
Douglas Robert Smith.....	Massillon
Gordon Pfaff Smith.....	Cincinnati
Sylvia Anne Smith.....	Tipp City
Betty Jane Spall.....	Euclid
Herbert Roth Spiers.....	Columbus
Marilyn Chambers Spies.....	Youngstown
Christa Noehring Sposito.....	Mansfield
George Alexander Staley.....	Lakewood
Richard Ulen Stephens.....	Hillsboro
Richard William Stoecklein.....	Dayton
Edward Francis Sullivan.....	Norwalk
Martha George Sweterlitsch.....	Canton
Frederick William Taylor.....	Geneva
Nancy Lou Thomas, B.Sc. in Edu.....	Columbus
Mary York Tiktin.....	Lucasville
Charles Alexander Turner.....	Columbus
Melinda Anne Wagstaff.....	Binghamton, N.Y.
Ralph Emerson Waldo III.....	Columbus
Ronald Wayman Walker.....	Columbus
Nancy Ann Ward.....	Columbus

* Two degrees

Ralph Edward Weber.....Lakewood
 Barbara Ann Wedding.....North Olmsted
 Bruce Richard Weiner.....Shaker Heights
 Thomas Brian Wilchek.....Berea
 Dinah Dee Williams.....Fremont
 Margaret Rose Winkeljohn.....Findlay
 Roger Dale Winland.....Pleasant City
 Bruce Myron Wolf.....Youngstown
 Linda Marlene Yujuico.....Huntington, N.Y.
 Crystal Petty Zinkiewicz.....East Fultonham
 Janice Maria Zorman.....Euclid

(One hundred and sixty-nine candidates)

Bachelor of Science

Gebrehiwot Admassu.....Addis Ababa, Ethiopia
 Charles Leland Bennett, Jr.....Barnesville
 Lorraine Biros.....Cleveland
 Alan Herbert Breckstein.....Columbus
 Stephen Douglas Brown.....Columbus
 Kimm Wissler Crawford.....Columbus
 Carol Ann Margaret Danko.....Cleveland
 James John Eck.....Cleveland
 Howard Ray Freeland.....Maineville
 Kenneth Leon Gortz.....Euclid
 Frederick Wayne Hall.....Columbus
 Janice Elaine Hawkins.....East Chicago, Ind.
 James Bernard Hohman, Jr.....Xenia
 Frances Ann Hoyda (cum laude and with Distinction in Chemistry)
 Columbus
 Edward David Huber.....Cleveland
 Barbara Ellen Hulse.....Fredericktown
 Joshua Ellis Josephson.....Toronto, Ont. Canada
 John Charles Kaufmann.....Steubenville
 Charles Daniel Kennedy.....Charleston, W.Va.
 Bruce Bryson Kern.....Olmsted Falls
 Roy Allen Kershaw.....Massillon
 Kent Richard Kluth.....North Olmsted
 Allen Richard Kraska.....Maple Heights
 Jerry Joseph Leyden.....Akron
 James Wilfred Martin.....Blacklick
 Bruce Duane McCrillis.....Norwalk
 Eugene Otis McLean.....Columbus
 Ronald Lynn Mesnick.....Shaker Heights
 DeVon Lew Meyer.....Celina
 Virginia Grace Miles.....New Tripoli, Pa.
 Charles Austin Norris.....Smithville
 Ralph Preston Paisley.....Loudonville
 Samuel Charles Palumbo, Jr.....Columbus
 Ronald Warren Peach.....Oregon
 William Charles Philbrick.....Flint, Mich.
 Timothy Lee Runion.....Orrville
 Robert Wesley Safford.....Columbus
 Ronald Emerson Saurer.....Barberton
 Gerald Joseph Schacht.....Columbus
 Virgil Thomas Tucker.....Columbus
 Galynn Dee Zitnik.....Cleveland

(Forty-one candidates)

School of Journalism

Bachelor of Arts

Susan Ellen Brendel.....	Buffalo, N.Y.
Sharon Gertrude Byers.....	Gahanna
Victor David Chase.....	Yonkers, N.Y.
Robert Lee Gerbig.....	Columbus
David Harvey Greenfield.....	Dayton
Howard Earl Guenther.....	Cleveland
Gary Michael Henkaline.....	Strongsville
Roberta Martha Hess.....	Tiffin
Richard Marvin Kerger.....	Ashtabula
Vicki Charlene Morelock.....	Columbus
Edmund Walter Moser.....	Cleveland
Janet Sue Shepherd.....	Hamilton
Linda Claire Wheeler.....	Boston, Mass.
Robert Leslie Whitman.....	Columbus

(Fourteen candidates)

College of Biological Sciences

Dean: Ralph M. Johnson

Bachelor of Science

Janice Lynn Bartram.....	Poland
Susan Robin Bieler.....	West Orange, N.J.
Richard Lee Bomersbach.....	Shaw AFB, S.C.
George Grant Brown.....	Bryan
Peter Julian Ewald.....	Cleveland Heights
Lynn Eugene Foster.....	Venedocia
John Franklin Fox.....	Logan
Thomas John Glover.....	Sidney
William Hubert Grieshop.....	Sidney
Michael Lewis Griffith (with Distinction in Zoology).....	New Concord
Hector Erwin Guzman.....	Toledo
Henry Frederic Hansberger III.....	Columbus
James Richard Heiby (cum laude).....	Sulphur Springs
Larry Allan Hoover.....	Toledo
Robert Stephen Horbaly.....	Brecksville
Sandra Lee Hoyer.....	Livonia, Mich.
William Charles Husum.....	Toledo
Carol Ann Johnson (summa cum laude).....	Washington, D. C.
Wilfred Fredrick Keating, Jr.....	Huron
Robert Zenn Maigetter.....	Youngstown
Stanley Foster Myers.....	Beach City
Alvin Ninomoto.....	Hanalei, Kauai, Hawaii
Rebecca Mataka Olenzak.....	Massillon
Jerry Dean Paul.....	Westerville
Ray Von Pryor.....	Hamilton
David Carter Purviance.....	Westerville
Gary Everett Reister.....	Upper Montclair, N.J.
Gwyn Frederick Riddick.....	High Point, N.C.
Daryl Joel Saferstein.....	University Heights
Richard Martin Salzgeber.....	Cleveland
Bart Segall.....	Rockville Centre, N.Y.
Gilbert Arthur Victor.....	Paterson, N.J.
Terry Vernon Zenser.....	Oak Harbor
Eugene Zimet.....	Cleveland

(Thirty-four candidates)

College of Commerce and Administration

Dean: *James R. McCoy*

Bachelor of Science in Business Administration

Noel C. Bair.....	Fairborn
Richard Shoemaker Baker.....	Worthington
James Gordon Barrett, Jr.....	Muskegon, Mich.
Robert Leigh Bernhart, Jr.....	Flushing
Edward Alan Bigony.....	Delaware
Richard Paul Brooks.....	Cincinnati
Christopher James Brown.....	Elyria
Donald Jefferson Carrico.....	Blacklick
Joseph David Chernek, Jr.....	Springfield
Benjamin Thomas Chinni.....	Galion
Stephen Emmerick Cisar.....	Medina
William Olin Cleverley (cum laude).....	Warners, N.Y.
George Dean Colburn.....	Columbus
Ralph Rickey Copp.....	Lucasville
Harry Joseph Curran.....	Aliquippa, Pa.
Richard Earl DeBow.....	Cleveland
David Martin Dunn.....	Dover
Daniel Leonard Emerson.....	Galion
Barry Wesley Epstein.....	Lima
Howell David Evans, Jr.....	Columbus
David Francis Everard.....	Sheffield Lake
Roy Arthur Evers.....	Cincinnati
Edward Wesley Foulke.....	Columbus
Kenneth Calvin Fry.....	Bellbrook
Lynden Milford Gamble.....	Winona
Thomas Dale Gray.....	Crestline
William Thompson Groeber.....	Springfield
Patrick Otis Hand.....	Covington
Werner Paul Henderson.....	Columbus
James Leslie Herrnstein.....	Chillicothe
Douglas Allan Hill.....	Akron
Robert Edwin Hinklin.....	Marion
Gary Lee Hivnor.....	Malta
Vaughn William Hovey, Jr.....	Columbus
John Jay Jenkins.....	Tarleton
David Johnson.....	Cuyahoga Falls
James Everett Kelly.....	Columbus
James Edward Knight.....	Birmingham, Ala.
Mark Melvin Koslen.....	Cleveland Heights
Edwin Peter Kuhn.....	Rye, N.Y.
Richard Leland Long.....	Newark
Vincent Anthony Mabert.....	Garfield Heights
Timothy Frank Macklin.....	Columbus
Irving Barry Marks.....	University Heights
Robert Clark Marshall.....	Columbus
Glenn Arthur Martin.....	Columbus
Richard Woodson McCall.....	Pittsburgh, Pa.
Christy Anne McCann.....	Springfield
Michael Burke McClintic.....	Columbus
Orville Eugene McDonald.....	New Lebanon

Carl Andrew Nelson, Jr. (cum laude)	Kettering
Stephen Gabriel Nelson (summa cum laude)	Columbus
John Charles O'Connor	Columbus
Edward James Poling	Wellsville
Larry Gordon Rice	Mansfield
Harold Ray Riffe	Columbus
Karen Sue Robinson	Cleveland
James David Rolls	Montgomery
Joyce Ellen Rupert	New Waterford
Edward Joseph Russ	Grafton
Joseph Frank Satava, Jr.	South Euclid
William Thomas Scamahorn	Rayland
Sam Garrison Sharron	Dayton
Leslie Stephen Siegal	Pittsburgh, Pa.
Steven Lee Solis	Columbus
Thomas Robert Sprow	Bryan
Lennart Scott Swedberg	Columbus
Douglas Myron Swisher, Jr.	Centerville
Volker Thorey	Columbus
Kalman George Tinka III	Dayton
Stephan Kent Todd	Columbus
John Bernard Travers	Lima
Kenneth Roberts Vogt	Sewell, N.J.
Keith Lionel Volz	Cincinnati
David Henry Wagner	Lorain
William Alven Walker	Akron
Howard Dale Weiss	Beachwood
Bruce Edwin Wells	Shiloh
Lonny Roy Wesley	Cincinnati
Roland Carl Windmiller	Columbus
Allan James Wood	Payne

(Eighty-one candidates)

School of Social Work

Bachelor of Science in Social Welfare

Sharon Faye Berman	University Heights
Mary Kathleen Bidlack	Columbus
Leona Holt Blakemore	Toledo
Merle Harlene Brody	Chicago, Ill.
Ina Selma Cheloff	Youngstown
Suzanne Theresa Corbett	Cleveland Heights
Rosiland Milligan Dennis	Crooksville
Joel Robert Erenberg	New York, N.Y.
Linda Susan Evans	Columbus
Gonzalo de Jesus Garcia	Medellin, Colombia
Linda Jane Goheen	Alliance
Patricia Gail Gunnell	Urbana
Jane Hope Hammond (summa cum laude)	Cincinnati
Judith Poling Hauser	Marysville
Janet Stelle Johnpoll	Delmar, N.Y.
Leslie Rae Korsh	Minneapolis, Minn.
Gary Ronald Kushner	Cincinnati
Joan Margaret Ladeau	Findlay

Sharon Lapine.....Shaker Heights
 Katherine Ann Larson.....Fairborn
 Charles Lauricella.....Parma
 Gerald Maynerd Lott.....St. Louis Park, Minn.
 Cathy Patricia Lusson.....Long Beach, N.Y.
 Ellen Loretta McCarthy.....Columbus
 George Henry McLaurin, Jr.....Lima
 Donna Lynn Meigs.....Troy
 Claudia McCloskey Mynark.....Columbus
 Jeffrey Alan Novak.....University Heights
 Geno Joseph Persichetti.....Columbus
 Mary Warden Pupala.....Mansfield
 Rita Ball Scott.....Lewis Center
 Sarah Pennell Sherman.....Columbus
 Margaret Carol Spotts.....Lakewood
 Mary Ann Tye.....Toronto
 Sandra Leigh Vaprin.....Mansfield
 Mary Elizabeth Wilson.....Buffalo, N.Y.
 Sandra Lea Woodin.....Dublin

(Thirty-seven candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Leo Patrick Boston, B.Sc.....	Martins Ferry
Robert Allan Burns.....	Piqua
Lee Everett Johanson, B.Sc. in Edu.....	Kenton
Roger Howard Koslen, B.S. (Ohio University).....	Cleveland
Leland Ewen MacDonald, B.S. (Hillsdale College).....	Toledo
James Andrew Mitchell, B.S. (Muskingum College).....	Cambridge
Harold Joseph Orthmeyer, Jr., B.S. (University of Notre Dame).....	Washington, C. H.
Paul Alan Preston, B.S. (Xavier University).....	Shaker Heights
Richard Anthony Pryatel.....	Lorain
Richard Alan Reveley, B.A.....	Kent
Charles Cecil Smith, B.A.....	Tipp City
Steffen Robert Wellstein, B.S. (University of Notre Dame).....	Fostoria
Glenn Edward Willis, A.B. (Miami University).....	Hamilton

(Thirteen candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Elinor Coe Adams.....	Woodstock
Elizabeth Anne Ainsworth.....	Columbus
Richard Dale Allwood.....	Lucasville
Joseph Michael Antonelli.....	Warren
James Stephan Arisman.....	Columbus
Anthony Wayne Arnold.....	Bellbrook
Paula Faye Bagby.....	Bethel
*John Harvey Bate.....	Blanchester
Evelyn Whitlock Beidel.....	Grove City
Evelyn Elaine Walker Bell.....	Cincinnati
Sandra Rose Bergmann.....	Columbus
Thomas Emmitt Berridge.....	Columbus
Diane Kay Berryman.....	Grover Hill
Diane Greenbaum Bisdorf.....	Marion
David James Blakley.....	Mansfield
Carol Brown Blaney.....	Morristown
Shirley Ann Boes.....	Tiffin
Edward William Bohlander, Jr.....	Cincinnati
William Eugene Booher.....	Newark
Penny Lou Boyle.....	Chesterland
Jean Ellen Brenneman.....	Springfield
Barbara Ann Brollier.....	Mansfield
Linda Sue Brooks.....	Urbana
Richard Allen Brown.....	Louisville
Shirley Miller Brown.....	Racine
Margaret Kennedy Buchanan.....	Mendon
Sandra Lynne Buchsbaum.....	Columbus
*Dorie Lee Bulloff.....	Columbus
Roswitha Oelsner Burkey.....	Euclid
Judith Ann Burkovics.....	Cleveland
Carnetta Jean Burroughs.....	Columbus
Forest Duane Butler.....	Jefferson
Edmund Charles Byers.....	Lewisville
Neva Jacqueline Capparell.....	Windham
Bonnie Jean Carlisle.....	Worthington
David Lee Caygill.....	Cambridge
Judy Bayer Chrzan.....	Mt. Gilead
Gail Lawson Clarkson.....	Columbus
Sheila Barry Coffman.....	Columbus
Darcie Lynn Cohen.....	Shaker Heights
Karen Fran Comora.....	Elberon, N.J.
Myra Ann Conley.....	Columbus
John Herbert Cooley.....	Richwood
Paul Steven Cosner.....	Columbus
Anne Logan Cotton.....	Mt. Gilead
Frank Clark Cozze.....	Columbus
Rita Paige Craft.....	Columbus
Frances Wherry Cress.....	Cincinnati
James Robert Cromwell, B.A.....	Columbus

*Two degrees

Connie Ruth Crook.....Ostrander
 Paul Walter Crumrine, Jr.....Lima
 Bonnee Henry Cullinan.....Freeport
 Gary William Davis.....Sarahsville
 James Rudolph Davis.....Payne
 Milton Lewis Deemer.....Mentor
 Carolyn Anne DeVito.....Newark
 Felicia Ladd Dixon, B.A.....Middlefield
 Sarah Virginia Dodd.....Columbus
 Carol Lynn Doeck.....Brooklyn, N.Y.
 Larry Lee Doll.....Lucasville
 Mary Linda Downey.....Dayton
 Ruth Miller Doyle.....Morrisville, Pa.
 Sandra Nelson Dressel.....Columbus
 Clayton Arthur Dusek.....Bay Village
 Patricia Diane Duty.....Portsmouth
 Wendy Marcia Dworkin.....Columbus
 Beverly Patricia Dye.....Dayton
 Dennis Broderick Ehrie, Jr.....London
 Mary Becker Estep.....Wadsworth
 Nondas Griffith Faber.....North Baltimore
 Lawrence S. Falter.....Huron
 Thomas Martin Farbizo.....New Philadelphia
 Roger Curtis Faust.....Solon
 Joseph William Feth.....Salineville
 Joan Carol Fink.....Shaker Heights
 Edward Richard Fitzsimmons.....Steubenville
 Maureen Ann Flanagan.....Columbus
 Anita Binkert Flanigan (cum laude).....Dayton
 Belinda Gullett Fluty.....Portsmouth
 Sharon Applebaum Frankel.....Toledo
 Donna Lee Franks.....Dayton
 *Linda Sue Frey (summa cum laude).....Columbus
 *Marsha Lee Frey (summa cum laude).....Columbus
 Dale Eugene Fullerton.....Wooster
 Karen Black Gaw, B.A.....Worthington
 Marilyn Anne Gersman.....Parkersburg, W. Va.
 Andrea Gean Gilmore.....Gallipolis
 Geraldine Dorothy Glazer.....Bloomfield Hills, Mich.
 Judith Glicksberg (summa cum laude).....Shaker Heights
 Ronald Jaye Golden.....Columbus
 Judith Warenoff Greene.....Buffalo, N.Y.
 Terry Ann Greenstein.....Beachwood
 Marian Sue Griffith.....Columbus
 Shirley Saunders Griggs.....Mt. Vernon
 Claudia Kay Grossman.....Zanesville
 Philip Gary Grossman.....Columbus
 Brenda Suzanne Grotts (cum laude).....Creve Couer, Mo.
 Raymond Robert Hammack.....Columbus
 Richard Terry Hammons.....Columbus
 Sue Ann Hanson.....Canal Winchester
 Marilynne Deckerd Harmatz.....Canton
 Clyde Eugene Harrison.....Columbus
 Carolyn Frances Hatfield.....Columbus
 Sallie Bonita Hayes.....Huntsville
 Thomas Carl Hayward.....Tiffin

*Two degrees

Cheryl Lee Hehr.....	Euclid
Cynthia Bledsoe Heine.....	Hartville
Lynda Louise Hicks.....	Fairborn
Cynthia Jean Higgins.....	Cleveland
Kathleen Marie Hogan.....	Columbus
*Michael Francis Hogan.....	Garrettsville
Christian Dale Hogg.....	Lyndhurst
Judith Alene Hogue.....	Worthington
Elizabeth Jean Honigford.....	Cloverdale
Margaret Neal Hooge.....	Columbus
Marilyn Kline Hoppman.....	Columbus
Malinda Joyce Horn.....	Worthington
John Patrick Howard.....	S. Charleston, W. Va.
Vicki Jane Howe.....	Columbus
Donald Edward Hower.....	Annville, Pa.
Charlene Gibson Howison.....	Delaware
Linda Lee Howland.....	Portsmouth
Christina Mabry Hudson.....	Canton
Elaine Marie Hutzelman.....	Circleville
Saundra Rhodes Jacob.....	Columbus
Rose Lynn Jarrell.....	Jackson
Nancy Gaskill Jewell.....	Columbus
Martin George Johnston.....	Cleveland
Cheryl Spencer Jordan.....	Laurelville
Nora Short Jordan.....	Columbus
Kathleen Ann Kagy.....	Tiffin
Magdalene Kaniaris.....	Lorain
Arlene Reva Katz.....	Cleveland Heights
*Dianne Howard Katzenmoyer.....	Kettering
Patricia Peeling Kavage.....	Columbus
Philip Vaughn Kegg.....	Loudonville
Martha Jeanne Keller.....	Toledo
Patricia Ann Kelley.....	Columbus
Sara Weaver Kenney.....	Mt. Vernon
Robert Harvey Kershaw.....	Massillon
Lois Florence Kessler.....	Woodbine, N.J.
Terry Franklin King.....	Roseville
Charman Ann Kinzelman.....	Columbus
Linda Kay Korsgaard (summa cum laude).....	Bay Village
Larry William Kraus.....	Medina
Thomas William Kreuzmann.....	Cincinnati
Carolyn Landers.....	Columbus
Thomas Keith Lang.....	Wintersville
Marilynn Lawrie.....	Norwalk
Sara-Jo Annette LeFevre.....	Maumee
Janice Ann LeValley.....	Dayton
Adele Levine.....	Akron
Miriam Betty Lindeck.....	Columbus
Margaret Spratt Little.....	Columbus
Diana Louise Lowry.....	Warren
Judy Louise Maddox.....	Marion
Elizabeth Britt Marlora.....	Westerville
Lois Jean Martin.....	Willowick
Susan Jane Mason.....	Hubbard
Sandra Elaine Maupin.....	Columbus

* Two degrees

Barbara Jean McCoy.....	Van Wert
James Edward McElmurray.....	Columbus
Sandra Lee McGinnis.....	Newark
Joyce Cotterman McGuire.....	West Liberty
William David Meyer.....	Cleveland
Barbara Miller.....	Cleveland
Freeman J. Miller.....	Plain City
Naomi Peachey Miller.....	Irwin
Dolores Ann Milligan.....	Shelby
Mary Jane Mills.....	Columbus
Judith Janosik Moore.....	Elyria
Paul Norton Moore.....	Orient
Paul Richard Morehart.....	Mt. Sterling
Janice Kay Newell.....	Lima
Carol Lynette Noecker.....	Ashville
Sandra Guthrie Nusbaum.....	Columbus
Roberta Kathleen O'Friel.....	Middletown
Joe Lynn Oliver.....	Columbus
Teri Duane Osborne.....	Orrville
Jolie Jan Pariser.....	Scarsdale, N.Y.
Ada Davis Pearlstein.....	Youngstown
Jeffrey Michael Pearson.....	Columbus
John Bateman Pecsok.....	Whitehouse
Loren James Peterson.....	Memphis, N.Y.
Goldie Woodyard Plank.....	Columbus
James Edward Plessinger (summa cum laude).....	Dayton
Rita Barbara Pokol.....	Lorain
*Gary Poling.....	Columbus
Marilyn King Pope.....	Dayton
Juliana Charci Powers.....	Bay Village
Cynthia Swaby Ropp.....	South Charleston
Ann Myra Rudoy.....	Evanston, Ill.
Anne Swoger Runion.....	Canal Fulton
Thomas Lowrey Rybolt.....	Chillicothe
Eugene Franklin Saad.....	Tiffin
David Bradley Schafer, B.Sc.....	Newark
Suzanne Hoops Schmid.....	Newark
Karen Sue Schockey.....	Bellaire
Jeannette Ann Schultz.....	Wapakoneta
Daniel Dean Scott.....	Walhonding
Karen Neff Seckel.....	Caledonia
Constance Lee Seibert.....	Coshocton
Shirley Ann Seiter.....	New Bloomington
Kathleen Marie Shea.....	Columbus
David Floyd Shearer.....	Toledo
June Love Shepherd.....	Gahanna
Larry Clinton Sherer.....	Bucyrus
Mary Elizabeth Silcox.....	Norwalk
Sally Miller Sines.....	Groveport
Elizabeth Zachman Slack.....	Marion
Carmen Goldstaub Slominski.....	Lakewood
Nancy Binning Smith.....	Columbus
Roxanne Kathleen Smith.....	Willard
Thomas Albert Smith, Jr.....	Georgetown
Carole Adrienne Smoler.....	Columbus
Leslie Ridenour Snyder.....	Dayton

* Two degrees

Anita Louise Spencer.....	Huntsville
Patricia Ann Stanceu.....	North Canton
Cheryl Diane Stiefel.....	Bucyrus
Paula Rinehart Strayer, B.Sc. in Nurs.....	Fostoria
Robert Louis Strayer, B. Sc. in Agr.....	Sidney
Dana Lynn Stutzman.....	Smithville
Karen Ruth Summer.....	Chicago, Ill.
Sandra Diane Sykes.....	Lima
Phyllis Ellifritt Taylor.....	Columbus
Amber Michelle Terry.....	London
Barbara McBride Traver.....	Chillicothe
Cheryl Lee Troy.....	Toledo
Michael Dennis Truka.....	Marion
Susan Storts Tuller.....	Columbus
Emily Uncapher.....	Sidney
Rebecca Niuman Unverferth.....	New Philadelphia
William Gary Vanderson.....	Columbus
Pamela Gruden Venneman.....	Chardon
Connie Clark Voss.....	Alexandria
Odell Blake Walters.....	Columbus
Robert Hartman Wander, A.B. (John Carroll University).....	Columbus
Carolyn Ann Watters.....	Columbus
Alfred Mark Webber.....	Cleveland
Jane Weil.....	Youngstown
Frances Jean Weinberg.....	Akron
Alberta Kathryn Weingart, B.S. in Nurs. (Loyola University).....	Dayton
Sheryl Diane Weisberg.....	Toledo
Sharyn Perelman Weiss.....	University Heights
Wesley Ogle Welling.....	Tiffin
Lucetta Joyce Wetterhahn.....	Columbus
Judith Jay Wheeler.....	Dayton
Josephine Butts White.....	Columbus
Deborah Katharine Whitson.....	London
Stephen Eugene Williams.....	Columbus
Pamela Mulbarger Workman.....	Columbus
Cynthia M. Wright.....	Marion
Paul Joseph Wright.....	Marion
Barbara Nell Wrigley.....	Columbus
Rosemary Catherine Wrobel.....	Barberton
Judith Elaine Young.....	Chillicothe
Robert Dale Zeller (cum laude).....	McComb
Carole Gay Zibert.....	Port Clinton
Joanne Lorraine Zinser.....	London
Juanita Myers Zuck.....	Columbus

(Two hundred and sixty candidates)

Bachelor of Fine Arts

Elizabeth Cecile Baird.....	Hilliard
Carol Suzanne Brush.....	Columbus
Kathleen Eades.....	London
Barbara Jane Ehrlich.....	Perth Amboy, N.J.
Barbara Mary Feldhake.....	Coldwater
Suzanne Godfrey.....	Kent
Jack Russell Haller.....	Columbus
William Horner Hamilton III.....	Columbus
Judith Louise Hopkins.....	Mentor

Judith Lucado Judd.....Columbus
Ruth Newell Kersteter.....Columbus
Stephen John Kravec.....Youngstown
Dennis Lee Lowe.....Miami Beach, Fla.
Van Michael Oxley.....Newark
Gayle Kranz Philleo.....Bay Village
Robert Kay Pickering.....Newark
Karen Sue Poling.....Logan
Marsha Lee Shultz.....Dayton
Philip Sheridan Sweeterman.....Dayton
Susan Jo Willis.....Columbus
Cynthia Jeanne Wolf.....Springfield

(Twenty-one candidates)

Bachelor of Music

Elizabeth Stanley Grobsmith.....Shaker Heights
Jan Thomas Lust.....Columbus

(Two candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

David Eugene Arthur.....Springfield
John Charles Brenan.....Lakewood
Ronald Gordon Burnett.....Cincinnati
John Paul Cress.....Cincinnati
Edward Kenneth Fader.....Ashtabula
Thomas David Hargreaves.....Alexandria, Va.
Ronald Earl Heise.....Columbus

(Seven candidates)

Bachelor of Agricultural Engineering

Edwin Lee Whisler.....Laurelville

(One candidate)

Bachelor of Ceramic Engineering

Robert Paul Johnston, Jr.....Cambridge
Alfred Hugh McKinney.....Cleveland

(Two candidates)

Bachelor of Chemical Engineering

Wilma Ann Marie Diskant.....Cleveland
John Leitwein Guy.....Columbus
Robert Ray Richards.....Worthington
Lawrence Cloyd Wagner.....Akron
*John Bussey Wood (cum laude).....Barberton

(Five candidates)

Bachelor of Civil Engineering

Jack Edward Callender, Jr. (cum laude).....Galion
Richard Bradley Funk.....Waynesburg, Pa.
Jeffrey Alan Myers (summa cum laude).....Columbus
Norman Baker Teaford.....Palestine

(Four candidates)

Bachelor of Electrical Engineering

Duane Glen Fox.....Ashland
*Thomas William Greaves.....Cleveland
Douglas Dwight McCann.....Nashport
David Bruce Morgan.....Canton
Lawrence Alan Zurcher.....North Canton

(Five candidates)

*Two degrees

Bachelor of Industrial Engineering

Thomas Reed Bailey.....	Mansfield
Richard Lee Baughman.....	Columbus
Donald Marion Earhart.....	Columbus
William David Evans.....	Columbus
George Walter Popel.....	Cleveland
Ronald Werner Rudolph.....	Columbus

(Six candidates)

Bachelor of Mechanical Engineering

John Morgan Farris, Jr.....	Cincinnati
Philip Sheets Musser.....	Columbus
Donald Richard Rhodehamel.....	Cleveland
Thomas Vinton Snider.....	Columbus
Michael Paul Thompson (summa cum laude).....	Orient
Craig Allen Wolf.....	Wadsworth

(Six candidates)

Bachelor of Metallurgical Engineering

*Kenneth Charles Johnson.....	Youngstown
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(One candidate)

Bachelor of Welding Engineering

John Duane Ewald.....	Monclova
*LeRoy Lynn VanDyke.....	Dousman, Wis.
*Albert Allen Ware (cum laude).....	Cleveland
*Gerhardt Grant Wittstock.....	Cleveland

(Four candidates)

School of Architecture

Bachelor of Architecture

David Neil Bowman	Fostoria
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(One candidate)

* Two degrees

College of Medicine

Dean: *Richard L. Meiling*

Doctor of Medicine

Donald Bruce Campbell, B.A. (Ohio Wesleyan University) Mansfield
Vincent Dovico, B.Sc. Cleveland
Oliver Herschel Drabkin, B.Sc. Youngstown
Peter Klaus Hacker, B.Sc. East Liverpool

(Four candidates)

School of Allied Medical Services

Bachelor of Science in Medical Technology

Carole Sue Amweg Kenton
Joyce Mallery Fetzek Salem
Jean Elizabeth Gossman Dayton
Patricia Ann Groleau (cum laude) Columbus
Mary Louise Heichel Loudonville
Melvin Harvey Lawrence University Heights
Diane Jean Parlette Martin
Karen Sue Pever Wharton
Paula Jane Reeme Toledo
Earlene Mace Rhodes Spencerville
Mary Catherine Schanz Richmond
Gretchen Skeaton Smith Fremont
Susan Carol Spoerl Perrysburg
Shirley Jean Walker New Philadelphia

(Fourteen candidates)

Certificate of Graduate Medical Technologist

Thomas Arthur Johnson, B.Sc. Madison

(One candidate)

Certificate of Nurse Anesthetist

Judith Gall Beck Dayton
Sarah Lucinda Byer Quincy
Carol Ann Byrley Pearisburg, Va.
Shirley Ann Chromik Albion, Pa.

(Four candidates)

Bachelor of Science in Occupational Therapy

Loretta M. Hoerth Kenilworth, N.J.
Nancy Karen O'Shanick Akron
Betty Schwartz Shaker Heights
Ronald Lee Tupps Bucyrus

(Four candidates)

Bachelor of Science in Physical Therapy

Joseph Jay Tod.....Hubbard
(One candidate)

Certificate of Graduate Physical Therapist

Roger Kent Alford, B.S. (West Virginia University).....Wintersville
David Sheldon Duerler, B.S. (Ball State University, Indiana)....Columbus
William Charles Eick, B.Sc. in Edu.....Brewster
Susan Erossy Esper, B.Sc.....Lakewood
Melvin Leroy Harvey, B.S. (University of Southern Mississippi)
Knoxville, Ia.

Mary Herron, A.B. (University of Cincinnati).....Cincinnati
William Elwood Kyle, B.A. (Washington and Jefferson College)
St. Clairsville

Brent Homer Russell, B.A. (Montana State University)..Missoula, Mont.
Richard Morris Tibbles, B.S. (University of Oregon).....Salem, Ore.
Christine Ann Wiley, B.S. (Ohio University).....Wadsworth

(Ten candidates)

School of Nursing

Bachelor of Science in Nursing

Phyllis Noon Alder.....Parma Heights
Pamela An Ames.....Elmore
Barbara Baker.....Cleveland
Janet Ann Black.....Dover
Charlotte Ann Bucklew.....Warsaw
Mary Ellen Cassidy.....Worthington
Helen Elizabeth Duffy.....Columbus
Sara Ellen Eisenhooth.....Wilkes Barre, Pa.
Gloria Valentina Ferkenhoff.....Batesville, Ind.
Cathie Jean Ford.....Columbus
Judy Anne Grasslin.....Lakewood
Sandra Lee Hamper.....Parma
Karen DuBois Heusel (cum laude).....Bethesda
Thelma Irwin Holmes.....Columbus
Barbara Jeanne Lewis.....Palos Park, Ill.
Nancy Ellen Manges.....Lima
Barbara Louise Martin.....Barberton
Elizabeth Ann May (summa cum laude).....Mansfield
Camille Louise McComb.....Chillicothe
Mary Louise Norris (cum laude).....North Vernon, Ind.
Carolyn Jean Oiler.....Sylvania
Kathy Jane Petersen.....Sandusky
Barbara Pillar.....Fairport Harbor
Jeanne Marie Santomieri.....Botkins
Shirley Faye Smith.....Reynoldsburg
Phyllis Jean Turner.....Toledo
Jerilyn Kay Whitaker.....London
Carol Anita Yoder.....Wauseon

(Twenty-eight candidates)

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

Wooster, Ohio, September 14, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, September 14, 1967, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Supplemental Action on the Budgets for the 1967-68 Fiscal Year

At the June 8, 1967, meeting of this Board of Trustees, budgets in the amount of \$130,780,576 were approved, subject to the passage of House Bill 537. In this action the Board recognized that revenue in the amount of \$136,917,720 would be required to guarantee a continuation of our present programs. The Board recognized further that \$6,137,144 would need to be funded through additional legislative actions in the form of a supplemental appropriation or by such adjustments in student fees and programs as might be required.

Since that original action was taken, the General Assembly passed House Bill 537 and Amended Senate Bill 350 known as the Supplemental Appropriation Act. To bring the budget for the 1967-68 fiscal year into balance at a continuation level requires additional revenue beyond the amount provided in House Bill 537 in the amount of \$6,137,144. Our studies lead us to conclude that the funds required to bring us into balance can be provided best as follows:

1.	From Amended Senate Bill 350	\$2,687,000
2.	(a) From an amount allocated to the Board of Regents in support of research and to be allocated by the Board of Regents to Ohio State	1,400,000
	(b) From same source after January 1, 1968	100,000
3.	From an amount allocated to the Board of Regents and to be transferred to Ohio State for Regents' Professorships	250,000
4.	From a fee increase of \$15.00 per quarter for Ohio resident students and \$29.00 per quarter for out-of-state (nonresident) students, effective Winter Quarter, 1968	850,000
5.	From a combination of a \$15.00 resident-fee increase per quarter at University Branches and Academic Center and a subsidy at the Marion Branch of \$350.00 per FTE	439,000
6.	From a \$1,000,000 sum budgeted in the first year of the biennium to cover built-in increases in costs for the second year of the biennium to be reduced	411,144

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Supplemental Action on the Budgets for the 1967-68 Fiscal Year (continued)

SUMMARY

Deficit Position \$6,137,144

Offset by:

Amended S. B. 350	\$2,687,000
Regents' Research	1,500,000
Regents' Professors	250,000
Fee Increase	850,000
Branch Increase	439,000
Reduction to Carry Forward	<u>411,144</u>
	\$6,137,144

Fee increases for four quarters should produce in the 1968-69 academic year \$1,510,000 and the carry forward from 1967-68 should be about \$588,846 to meet an anticipated deficit for 1968-69 of \$2,096,400.

President Fawcett made the following recommendations:

1. That, effective Winter Quarter, 1968, the instructional and general fee for The Ohio State University be increased \$15.00 per quarter.
2. That, effective Winter Quarter, 1968, the tuition fee (out-of-state student surcharge) be increased \$14.00 per quarter.
3. That, in addition to the above-proposed fee increase, effective Winter Quarter, 1968, the instructional and general fee for students enrolled in the Doctor of Medicine program in the College of Medicine be increased in the amount of \$60.00 annually to reflect the rising costs of special laboratory equipment and supplies.

These recommended fee increases are interpreted in the attached New Schedule of Student Fees, effective Winter Quarter, 1968. (See Appendix II, page 267.)

Mr. France moved that the foregoing recommendations be approved and that a "Continuation Budget" in the amount of \$136,917,720 for fiscal year 1967-68 be adopted, subject to the approval of the Ohio Board of Regents.

Mr. Safford seconded the above motion, and it was passed unanimously by roll call vote.

Mr. Shocknessy commented to the effect that a member of The Ohio State University faculty contributed significantly to the development of support for the Supplemental Appropriation Act passed by the General Assembly; and President Fawcett responded with the statement, "Yes, Dr. John C. Ullery, Professor and Chairman of the Department of Obstetrics and Gynecology, served as Chairman of the State-Supported Education Review Committee."

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff

The Retirement and Insurance Committee of the Board of Trustees has consulted with the members of the University administration in a further effort to improve the benefits in the employee group insurance coverages with no additional out-of-pocket cost to either the University or the faculty, administrative staff, or classified and hourly employees. As the result of these deliberations and counsel with the insurance consultants to the Board, Carlin-Black Company, and with the full agreement of the insurance carrier, President Fawcett recommended that the following resolutions be adopted:

BE IT RESOLVED THEREFORE, by the Board of Trustees of The Ohio State University, that the following improvements in the University's insurance program under the John Hancock Mutual Life Insurance Company Contract No. 1035-G and No. 58175-GTC as amended, for faculty and staff be enacted, effective September 1, 1967, except that Section 1(c) be made retroactive to July 1, 1967:

1. Unclassified Employees

- a) Group Life Insurance Program - the amounts of life insurance for active unclassified employees be increased from 2 times salary to 2-1/2 times salary. All other elements of the schedule to remain unchanged so that the new life schedule would be as follows:

2-1/2 times regular annual salary with a minimum of \$7,500.00, reduced 3% at age 55 and by an additional 3% each year thereafter subject to a maximum reduction of \$13,500.00.

Life insurance and accidental death and dismemberment insurance to be continued during retirement years to age 70 on a basis of an amount equal to 2 times salary for both present and future retirees, subject to appropriate deductions as in the current life insurance schedule.

- b) Accidental Death and Dismemberment Insurance - the amount of accidental death and dismemberment insurance to be equal to the amount of life insurance by increasing the accidental death and dismemberment schedule for active unclassified employees from 2 to 2-1/2 times salary. All other elements of the accidental death and dismemberment schedule to remain unchanged so that the new schedule would be identical to the new life schedule.
- c) Major Medical Insurance - the maximum coverage for hospital private room and board charges shall be changed from \$25.00 per day to the hospital's average semi-private room and board rate plus \$3.00.

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

- (1) The period of disability shall be increased from 2 years to 3 years requiring a period of 3 years to elapse rather than 2 years currently after the deductible is first satisfied before a new deductible charge would be applicable.
- d) Under the major medical coverage, an automatic \$1,000.00 annual reinstatement revision to be adopted which would gradually restore the \$15,000.00 maximum major benefit but not over \$15,000.00.
- e) Extend major medical coverage, after satisfaction of the normal deduction provision, to dependent, newborn children, immediately from birth, including coverage for nursery services and circumcision.

2. Classified and Hourly Employees

- a) Group Life Insurance - the following benefit improvements in the classified and hourly employees life insurance schedule to be enacted as follows:

Classification	Amount of Life Insurance	
	Present Schedule	Suggested Schedule
Under age 40	\$5,000	\$8,000
Age 40 to 50	3,800	8,000
Age 50 to 55	2,500	8,000
Age 55 to 60	2,500	4,000
Age 60 to 65	1,300	4,000
Age over 65	1,000	2,000

- b) Accidental Death and Dismemberment Insurance - the amount of accidental death and dismemberment insurance to be exactly equal to the amount of life insurance.
- c) Major Medical Insurance - major medical benefit improvements for classified and hourly employees to be identical to the suggested major medical improvements for unclassified employees.

BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the following amendments to the above-referred to contracts of the University's insurance plan be enacted for the purpose of clarification:

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

1. That the "actively at work" provision contained in Amendment No. 23 to said Policy shall not be applicable to retired employees.
2. That the first sentence in Part V of Amendment No. 25, which cancels the Schedules of Insurance contained in Amendments Nos. 16 and 17, is modified to the extent that such cancellation of Schedules shall not be applicable to those employees who retired prior to July 1, 1965. Accordingly, the Schedule of Insurance described as Schedule II in Amendment No. 17, as further modified by Amendment No. 23, shall remain in effect as a basis for the amounts of insurance available to those employees on the Unclassified Payroll who retired prior to July 1, 1965.
3. The following is added to Part IV - INSURANCE AFTER RETIREMENT - contained in Amendment No. 25 to said Policy:

The amount of Life Insurance applicable to an eligible unclassified employee at the time of his retirement shall be the same amount for which he was insured under the Policy immediately preceding the date of such retirement, with successive annual reductions for retirees prior to July 1, 1965 as specified in Schedule II contained in Amendment No. 17 to said Policy; and for retirees on and after July 1, 1965 as specified in Schedule I contained in Amendment No. 25 to said Policy.

4. The monthly premium rates per \$1,000 of Life Insurance currently applicable under said Policy for those employees described as "Unclassified" shall be further reduced 10%, effective October 1, 1966.
5. That effective as of April 1, 1967, the provision entitled "Waiver of Premium in the Event of Permanent and Total Disability" contained in Amendment No. 25 to said Policy is hereby amended to provide that wherever in subdivision (d) the phrase which reads

(d) the employee furnishes the Company at its Home Office, after nine months following the date the employee ceased active work but within twelve months following the date of termination of his employment, . . .

appears, such phrase is changed to read

(d) the employee furnishes the Company at its Home Office, after nine months following the date the employee ceased active work, or as of the date, if earlier, on which he filed a claim for disability with the State Teachers or Public Employees Retirement Systems, but within twelve months following the date of termination of his employment, . . .

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

6. That effective as of October 1, 1966 said Policy is hereby amended to provide that the provision entitled "Conversion Privilege" contained in page 2 to said Policy is cancelled and annulled and the following provision substituted therefor:

CONVERSION PRIVILEGE.

- a) Any employee, upon written application made to the Company within thirty-one days after the earlier of the following dates:
- (1) the date of termination of his employment, as hereinbefore defined, for any reason whatsoever; or
 - (2) the date of termination of his membership in the class or classes of employees insured hereunder, or
 - (3) within thirty-one days after the date of cessation of his rights under the provision entitled "Waiver of Premium Benefit in the Event of Permanent and Total Disability"; or
 - (4) within the period following cessation of insurance as stated in the provision entitled "Extension of Death Benefits in Event of Total Disability" during which period death would have resulted in a valid claim under this Policy.

shall be entitled to have issued to him by the Company, without evidence of insurability, an individual policy of life insurance subject to the following conditions and provisions:

- (1) such individual policy shall be in any one of the forms then customarily issued by the Company, except term insurance;
- (2) the premium for such individual policy shall be the premium applicable to the class of risk to which the employee belongs and to the form and amount of the policy at the employee's attained age (nearest birthday) at the date of issue of such individual policy;

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

- (3) the amount of such individual policy shall be equal to (or at the option of the employee, less than) the amount of the employee's Life Insurance hereunder which was discontinued on whichever of the dates specified in the preceding paragraphs (1), (2), (3), and (4) is applicable;
- (4) the first premium payment on such individual policy of life insurance so issued shall be made to the Company within the applicable period specified supra during which application for such individual policy may be made.

b) Any employee, upon

- (1) termination of the Life Insurance of the class of employees of which he is a member, or
- (2) termination of the Life Insurance under this Policy, or
- (3) termination of this policy by either the Employer or the Company,

shall be entitled to the rights and benefits set forth in subdivision A of this provision, in accordance with its terms and conditions, provided his Life Insurance has been continuously in force for at least five years immediately preceding such termination; except that the amount of such individual policy shall not exceed the lesser of

- (1) the amount of such employee's Life Insurance under this Policy at the date of such termination, less any amount of life insurance for which he may be or may become eligible under any Group Policy issued by the Company or by any other insurer within thirty-one days after such termination, and
 - (2) \$2,000.
- c) Insurance under any individual policy issued in accordance with this provision shall become effective at the end of the applicable period during which application for such individual policy may be made.

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

7. Said Policy is amended by the addition of the following provision:

EXTENSION OF DEATH BENEFIT DURING CONVERSION PERIOD.

In the event of the death of the employee during any aforescribed thirty-one-day period, the Company shall pay to the beneficiary as a death benefit the maximum amount of Life Insurance for which an individual policy could have been issued under this provision whether or not the employee shall have made written application for conversion.

8. The provision entitled "Waiver of Premium Benefit in the Event of Permanent and Total Disability" contained in subdivision (1), Part III, Amendment No. 25 to said Policy is amended by the addition of the following subdivision.

- (g) no death benefit is payable within thirty-one days following the date of termination of employment, or the date of termination of the Life Insurance under this Policy, or the date of termination of this Policy as provided in the provision entitled "Conversion Privilege".

Except as stated in the above amendments, nothing contained herein shall be held to alter or affect any of the provisions of said Policy including any prior amendments.

AND BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the following changes in the above-referred-to University's group insurance contracts be enacted and be made effective October 1, 1966, (the last anniversary date of the contract):

1. That separate group insurance contracts be issued by the carrier to insure classified and hourly employees. The new contracts will provide classified and hourly employees with the same benefits as under the existing group insurance contracts, (No. 1035-G and No. 58175-GTC) as amended.
2. The in-force group insurance contracts covering various classifications of University employees be amended to exclude classified and hourly employees from coverage thereunder.

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

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the July 13, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Change in Administrative Responsibilities, Promotion, Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibilities

Robert A. Oetjen, Associate Dean of the College of Arts and Sciences, appointed Acting Dean of the College of Arts and Sciences, effective October 1, 1967 through December 31, 1967, at a salary of \$6,693.00 for this period.

B. Promotion

William Edward Hurley promoted to Assistant Dean for Continuing Education in the College of Commerce and Administration, effective October 1, 1967, at a salary of \$22,668.00 per annum. He will continue as a Professor in the Division of Continuing Education in the College of Commerce and Administration and Director of the Defense Management Center.

C. Appointments

Jack Erskine Douglas, Professor, Department of Speech, effective September 27, 1967, at a salary of \$16,068.00 per annum.

William Peterson, Professor (Robert Lazarus Professorship of Population Studies), Department of Sociology, effective September 27, 1967, at a salary of \$25,068.00 per annum.

Ralph Emerson Lynn, Jr., Associate Professor (ALCOA Professorship in Chemical Engineering), Department of Chemical Engineering, effective September 27, 1967, at a salary of \$17,868.00 per annum.

D. Leaves of Absence Without Salary

Henry J. Barre, Professor (part time - 70%), Department of Agricultural Engineering, effective September 1, 1967 through November 30, 1967, to serve as a member of the Agricultural Engineering Ford Foundation Project in Punjab, India.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Lewis C. Branscomb, Professor and Director of Libraries, effective September 13, 1967 through September 30, 1967, to serve as a consultant at Punjab University in India.

Ruth E. Deacon, Professor (part time - 27%), School of Home Economics, effective September 1, 1967 through February 29, 1968, to conduct an independent study in her field.

Jerome Joseph Hausman, Professor and Director, School of Art, effective July 17, 1967 through August 20, 1967, to serve on the staff of the Arts and Humanities Institute, National Gallery of Art, Washington, D. C.

Salomon Rettig, Professor (part time - 75%), Department of Psychiatry, effective September 1, 1967 through May 31, 1968, to be a Visiting Professor at Hunter College of the City University of New York.

Lewis C. Saboe, Professor (Extension Agronomist), Cooperative Extension Service, effective August 16, 1967 through November 15, 1967, to follow up on soybean research project initiated in 1966 with the International Executive Service Corps.

Samuel P. Daykin, Associate Professor, School of Social Work, effective October 1, 1967 through June 30, 1968, for study and research on the French probation system in Paris, France, and SOS Children's Village in Austria.

Nason E. Hall, Associate Professor, Department of Sociology, effective July 1, 1967 through July 31, 1967, to participate in Institute on Research Methods at the University of Alberta, Edmonton, Canada.

George Parker Hanna, Jr., Associate Professor, Department of Civil Engineering, effective July 1, 1967 through August 31, 1967, to continue work on his Ph.D. degree.

Robert M. Reeser, Associate Professor (part time - 45%), Department of Agricultural Economics and Rural Sociology, effective September 15, 1967 through December 31, 1967, to serve with the Stanford Research Institute on a US/AID contract in Vietnam.

Peter Hans Schonemann, Associate Professor, Department of Psychology, effective October 1, 1967 through September 30, 1968, to act as consultant at the Educational Testing Service, Princeton, New Jersey.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

John T. Demos, Assistant Professor, Library, effective October 5, 1967, to study for the Ph. D. degree.

Carol J. Fair, Assistant Professor, School of Nursing, effective August 21, 1967 through September 24, 1967, for personal reasons.

Ronald B. Gold, Assistant Professor, Department of Economics, effective October 1, 1967 through December 31, 1967, to do research at Harvard University under an AID project.

D. Terence Langendoen, Assistant Professor, Department of Linguistics, effective October 1, 1967 through December 31, 1967, to teach at the University of Pennsylvania.

William C. Maddox, Assistant Professor (part time - 30%), College of Dentistry, effective October 1, 1967 through June 30, 1968, due to ill health.

Richard M. Rau, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to do research in Operations Research for the United States Marine Corps.

Harold Schneiderman, Assistant Professor, School of Social Work, effective November 1, 1967 through June 30, 1968, to pursue doctoral studies at Western Reserve University.

Sandra Jane Sorensen, Assistant Professor, School of Nursing, effective July 1, 1967 through September 24, 1967, for personal reasons.

Elsie Lee Williams, Assistant Professor, School of Nursing, effective September 14, 1967 through September 24, 1967, for travel.

Burton O. Witthuhn, Assistant Professor, Department of Geography, effective October 1, 1967 through December 31, 1967, to complete research and writing of dissertation.

Gloria D. Cleland, Instructor (County Extension Agent, Home Economics) Erie County, Cooperative Extension Service, effective November 16, 1967 through June 30, 1968, to participate in a program of professional improvement at the University of Maryland.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Marion LaVerne Cremer, Instructor (part time - 51%), School of Home Economics, effective July 1, 1967 through September 30, 1967, for the purpose of advanced study.

Richard P. Dickey, Instructor, Department of Obstetrics and Gynecology, effective July 1, 1967 through June 30, 1968. (Military Leave)

Raymond E. Dumett, Instructor, Department of History, effective October 1, 1967 through December 31, 1967, to accept a grant from Stanford University for research at the Hoover Institute.

Joseph A. Levey, Instructor, School of Music, effective October 1, 1967 through December 31, 1967, to complete his doctoral study at the University of Oklahoma.

Janice M. Martin, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective August 16, 1967 through June 30, 1968, to participate in a program of professional improvement at Michigan State University.

Ronald L. Overmyer, Instructor (County Extension Agent, 4-H) Ottawa County, Cooperative Extension Service, effective August 16, 1967. (Military Leave)

Barbara J. Thomson, Instructor, School of Education, effective October 1, 1967 through September 30, 1968, to finish her Ph. D. work.

Alice P. Wiren, Instructor, Library, effective October 3, 1967, to participate in a program of professional improvement.

E. Emeritus Titles

Lewis C. Chadwick, Department of Horticulture and Forestry, with the title Professor Emeritus, effective October 1, 1967.

Leona J. Calvin, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics), effective September 1, 1967.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Change in Administrative Responsibilities, Promotion, Appointments, 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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September 14, 1967 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 September 5, 1950, 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. 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. #32 - Engineering Experiment Station).
Gross Value - \$99,000.00.
- a2. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Revised - Department of Obstetrics and Gynecology).
Gross Value - \$35,150.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Initiation of Basic Research on the Processes of Crystal Growth and Dissolution (to be known as Office of Naval Research Project No. 1386 - Amend. #9 - Department of Metallurgical Engineering).
Gross Value - \$20,000.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Tumor Necrotizing Activity of Tuberosus Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #6 - College of Pharmacy).
Gross Value - \$8,337.00.
- a5. 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 U. S. Department of Interior Project No. 1442 - Ext. #5 - Department of Chemical Engineering).
Gross Value - \$24,674.00.
- a6. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Ext. #5 - Department of Psychology).
Gross Value - \$28,274.00.

September 14, 1967 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. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600-C - Sup. #17 - College of Commerce and Administration - Continuing Education).
Gross Value - \$12,700.00.
- a8. Department of Health, Education, and Welfare, Bureau of State Services, Arlington, Virginia, The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Rev. 6/12/67 - Department of Business Organization).
Gross Value - \$6,336.00.
- a9. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Rev. 6/21/67 - College of Dentistry).
Gross Value - \$4,767.00.
- a10. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance (to be known as National Institutes of Health Project No. 1789 - Ext. #4 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a11. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881-C - Ext. #3 - School of Optometry).
Gross Value - \$11,613.00.
- a12. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - C. O. #7 - Department of Electrical Engineering).
Gross Value - \$250,000.00.
- a13. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Influence of Structure on Verbal Behavior (to be known as National Institutes of Health Project No. 2016 - Ext. #2 - Department of Psychology).
Gross Value - \$19,070.00.

September 14, 1967 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, National Institutes of Health, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058 - Ext. #2 - Department of Veterinary Physiology).
Gross Value - \$226,388.00.
- a15. Department of Health, Education, and Welfare, Bureau of State Services, Arlington, Virginia, Sublethal Levels of DDT and Rabbit Adrenal Function (to be known as Bureau of State Services Project No. 2117 - Rev. 6/25/67 - Department of Zoology and Entomology).
Gross Value - \$792.00.
- a16. 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. #3 - Department of Electrical Engineering).
Gross Value - \$90,000.00.
- a17. 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. 2152 - Ltr. 6/29/67 - Department of Chemistry).
Gross Value - \$43,100.00.
- a18. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2162 - C. O. #4 - Department of Electrical Engineering).
Gross Value - \$29,568.00.
- a19. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Definitive Study of the Characteristics of Toughness of Engineering Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2188 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$11,000.00.
- a20. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research of Eutectoid Reactions in Metal Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - C. O. #4 - Department of Metallurgical Engineering).
Gross Value - \$34,383.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a21. Department of Health, Education, and Welfare, Solid Wastes Program, Bethesda, Maryland, Engineering Properties of Farm Wastes (to be known as Solid Wastes Program Project No. 2216 - Ext. #1 - Department of Agricultural Engineering). Gross Value - \$22,581.00.
- a22. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Corrosion Cracking of Metallic Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2223 - Sup. #3 - Department of Metallurgical Engineering). Gross Value - \$225,000.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control, Washington, D. C., Graduate Training Program in Medical Technology (to be known as Bureau of Disease Prevention and Environmental Control Project No. 2230 - Sup. #1 - Department of Pathology). Gross Value - \$12,960.00.
- a24. Headquarters, U. S. Air Force, Pentagon, Washington, D. C., High Frequency Aircraft Antennas (to be known as U. S. Air Force Project No. 2235 - Amend. #2 - Department of Electrical Engineering). Gross Value - \$35,000.00.
- a25. 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. 2253 - Amend. #1 - Department of Astronomy). Gross Value - \$38,500.00.
- a26. National Science Foundation, Washington, D. C., Incomplete Frequency Redistribution of Line Radiation (to be known as National Science Foundation Project No. 2255 - Amend. #1 - Department of Astronomy). Gross Value - \$36,600.00.
- a27. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Endocrine and Behavioral Changes After Septal Damage (to be known as National Institutes of Health Project No. 2281 - Ext. #1 - Department of Psychiatry). Gross Value - \$40,125.00.

September 14, 1967 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. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2301 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$979,000.
- a29. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310-A - Ext. #1 - Department of Pharmacology).
Gross Value - \$14,921,000.
- a30. 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 Project No. 2332 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$30,000,000.
- a31. Rome Air Development Center, Griffiss Air Force Base, New York, High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 2358 - Mod. #2 and #3 - Department of Electrical Engineering).
Gross Value - \$199,979,000.
- a32. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum (to be known as Office of Education Project No. 2361 - Rev. #1 - School of Education).
Gross Value - \$349,970,000.
- a33. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Utilization of the Point Matching Techniques for Structural Shell Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2364 - Amend. #1 - Department of Engineering Mechanics).
Gross Value - \$25,000,000.
- a34. U. S. Department of Agriculture, Animal Husbandry Research Division, Beltsville, Maryland, Animal Science Computer Analysis (to be known as U. S. Department of Agriculture Project No. 2367 - Ltr. 7/10/67 - Department of Animal Science).
Gross Value - \$5,000,000.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a35. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390 - Rev. #1, 6/21/67 - College of Pharmacy).
Gross Value - \$4,028.00.
- a36. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group Project No. 2414 - Amend. #2 - Research Foundation Internal Supervision).
Gross Value - \$150,000.00.
- a37. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Science (to be known as Systems Engineering Group, Research and Technology Division Project No. 2443 - Amend. #2 - Research Foundation Internal Supervision).
Gross Value - \$181,778.00.
- a38. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mercaptocyclopropylamine Radiation - Protection Agents (to be known as National Institutes of Health Project No. 2460 - New - College of Pharmacy).
Gross Value - \$10,010.00.
- a39. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Discrimination Learning in Schizophrenics (to be known as National Institutes of Health Project No. 2468 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a40. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Infrared Temperature Sounding-S043 (to be known as Manned Spacecraft Center Project No. 2469 - New - Department of Physics).
Gross Value - \$35,000.00.
- a41. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research, Development, and Teaching of Weapon Systems Management for the DWSMC, AFIT (to be known as Air Force Institute of Technology Project No. 2471 - New - Defense Management Center).
Gross Value - \$177,106.00.

September 14, 1967 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. U. S. Army Medical Research and Development Command, Washington, D. C., Analysis of Visual and Pupillary Functioning (to be known as U. S. Army Medical Research and Development Command Project No. 2474 - New - Department of Ophthalmology). Gross Value - \$14,338.00.
- a43. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Propagation of Essentially Monochromatic Illumination for Reconnaissance Applications (to be known as Air Force Systems Command Project No. 2476 - New - Department of Electrical Engineering). Gross Value - \$49,998.00.
- a44. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Two Possible Applications of a Least Squares Solution (to be known as National Institutes of Health Project No. 2477 - New - Department of Psychology). Gross Value - \$4,172.00.
- a45. Department of Army, Defense Supply Service, Pentagon, Washington, D. C., Cytological Studies (to be known as Defense Supply Service Project No. 2478 - New - Department of Pathology). Gross Value - \$250,000.00.
- a46. Federal Aviation Administration, Installation and Material Services, Washington, D. C., Study to Determine the Flight Profile and Mission of the Certified Private Pilot (to be known as Federal Aviation Administration Project No. 2479 - New - Department of Aviation). Gross Value - \$16,587.00.
- a47. National Science Foundation, Washington, D. C., Interaction of High Energy Particles with Interstellar Dust (to be known as National Science Foundation Project No. 2482 - New - Department of Astronomy). Gross Value - \$37,200.00.
- a48. National Science Foundation, Washington, D. C., Ergodic Theory and Probability (to be known as National Science Foundation Project No. 2483 - New - Department of Mathematics). Gross Value - \$40,200.00.
- a49. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as National Institutes of Health Project No. 2484 - New - Department of Surgery). Gross Value - \$12,612.00.

September 14, 1967 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)

- a50. Department of the Navy, U. S. Naval Air Development Center, Warminster, Pennsylvania, The Exact Analysis of Radome Bore-sight Errors (to be known as U. S. Naval Air Development Center Project No. 2485 - New - Department of Electrical Engineering).
Gross Value - \$45,000.00.
- a51. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ohio Medlars Center (to be known as National Institutes of Health Project No. 2487 - New - Department of Medicine).
Gross Value - \$50,585.00.
- a52. National Science Foundation, Washington, D. C., Glaciological Work on Queen Maud Land Traverse III from Plateau Station to New Schwabenland (to be known as National Science Foundation Project No. 2488 - New - Institute of Polar Studies).
Gross Value - \$57,500.00.
- a53. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics in the Civil Engineering Center, AFIT (to be known as Air Force Institute of Technology Project No. 2489 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$887,000.00.
- a54. National Aeronautics and Space Administration, Washington, D. C., Program of Instruction in Applications of Nomographics for Structuring and Administration of Incentive Contracts (to be known as National Aeronautics and Space Administration Project No. 2490 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$25,666.00.
- a55. Federal Aviation Administration, Washington, D. C., Experimental Training Program Utilizing an Integrated VFR-IFR Curriculum (to be known as Federal Aviation Administration Project No. 2492 - New - Department of Aviation).
Gross Value - \$40,749.00.
- a56. Federal Aviation Administration, Washington, D. C., Training of Students to Private Pilot Certification Using the Angle of Attach Instrumentation (to be known as Federal Aviation Administration Project No. 2493 - New - Department of Aviation).
Gross Value - \$18,328.00.

September 14, 1967 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)

- a57. National Science Foundation, Washington, D. C., Geologic Study of the Central Transantarctic Mountains, Antarctica (to be known as National Science Foundation Project No. 2494 - New - Institute of Polar Studies).
Gross Value - \$37,000.00.
- a58. National Science Foundation, Washington, D. C., Electronic Structure of Carbanions (to be known as National Science Foundation Project No. 2495 - New - Department of Chemistry).
Gross Value - \$31,000.00.
- a59. National Science Foundation, Washington, D. C., Photochemistry of Non-Conjugated Dienes (to be known as National Science Foundation Project No. 2496 - New - Department of Chemistry).
Gross Value - \$39,500.00.
- a60. National Science Foundation, Washington, D. C., Boren Heterocycles and Derivatives (to be known as National Science Foundation Project No. 2497 - New - Department of Chemistry).
Gross Value - \$55,000.00.
- a61. National Science Foundation, Washington, D. C., Natural Particulate Fallout by Air Sampling in Antarctica (to be known as National Science Foundation Project No. 2498 - New - Institute of Polar Studies).
Gross Value - \$9,300.00.
- a62. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as National Science Foundation Project No. 2499 - New - Department of Chemistry).
Gross Value - \$50,500.00.
- a63. National Science Foundation, Washington, D. C., Geophysical and Glaciological Studies Along the Byrd Strain Net (to be known as National Science Foundation Project No. 2500 - New - Institute of Polar Studies).
Gross Value - \$42,500.00.
- a64. U. S. Army Engineer, Research and Development Command, Fort Belvoir, Virginia, Establishment of an Ideal World Geodetic System (to be known as U. S. Army Engineer, Research and Development Command Project No. 2501 - New - Department of Geodetic Science).
Gross Value - \$26,108.00.

September 14, 1967 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)

- a65. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Motivational Effects in Early Discrimination Learning (to be known as National Institutes of Health Project No. 2502 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a66. National Science Foundation, Washington, D. C., Pedological Study in the Wright Valley, Southern Victoria Land, Antarctica (to be known as National Science Foundation Project No. 2503 - New - Institute of Polar Studies).
Gross Value - \$20,600.00.
- a67. 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 - New - Departments of Chemical Engineering and Civil Engineering).
Gross Value - \$40,301.00.
- a68. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Evaluation of Aircraft Passenger Oxygen Masks (to be known as Air Force Systems Command Project No. 2505 - New - Department of Preventive Medicine).
Gross Value - \$10,551.00.
- a69. U. S. Army Engineer, Research and Development Command, Research and Development Procurement Office, Fort Belvoir, Virginia, Development of Mathematical Insurgence Resources Models (to be known as U. S. Army Engineer, Research and Development Command Project No. 2506 - New - Department of Electrical Engineering).
Gross Value - \$45,027.00.
- a70. Department of Health, Education, and Welfare, National Institutes of Health, Washington, D. C., A Core Facility for a Cardiovascular Research Program (to be known as National Institutes of Health Project No. 2507 - New - Department of Medicine).
Gross Value - \$293,152.00.
- a71. Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological Disease and Blindness, Bethesda, Maryland, Neural Coding in the Marsupial Visual Pathways (to be known as National Institute of Neurological Disease and Blindness Project No. 2510 - New - School of Optometry).
Gross Value - \$32,247.00.

September 14, 1967 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)

- a72. Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological Disease and Blindness, Bethesda, Maryland, A Comparative Study of the Extrapyrarnidal System (to be known as National Institute of Neurological Disease and Blindness Project No. 2512 - New - Department of Anatomy). Gross Value - \$12,349.00.

TOTAL - Government Contracts - Federal \$4,854,159.00

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 - Ext. #2 - Department of Pediatrics). Gross Value - \$60,000.00.

3. Industrial and Other Contracts

- a1. Ohio Tuberculosis and Health Association, Columbus, Ohio, Intracellular Parasitism of the Tubercle Bacillus (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #10 - Department of Microbiology). Gross Value - \$5,901.00.
- a2. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - 4 Checks Received 7/26/67 - Department of Surgery). Gross Value - \$4,089.80.
- a3. Petroleum Research Fund, Washington, D. C., Sulfinyl and Sulfur Dioxide Complexes (to be known as Petroleum Research Fund Project No. 1954 - Ext. #1 - Department of Chemistry). Gross Value - \$24,250.00.
- a4. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #2 - Department of Chemical Engineering). Gross Value - \$10,000.00.
- 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 - Ext. #2 - Department of Pediatrics). Gross Value - \$28,676.00.

September 14, 1967 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. National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Treatment Center (to be known as National Foundation - March of Dimes Project No. 2054-A - Ext. #2 - Department of Pediatrics).
Gross Value - \$1,434.00.
- a7. Marine Colloids, Inc., Springfield, New Jersey, Investigation in the Fields of Polysaccharides (to be known as Marine Colloids, Inc. Project No. 2236 - Ext. #1 - Department of Dairy Technology).
Gross Value - \$4,969.00.
- a8. Andrew Corporation, Chicago, Illinois, New Transmission Line Techniques (to be known as Andrew Corporation Project No. 2294 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$19,483.00.
- a9. Kent State University, Kent, Ohio, Research and Continuing Education on Community Growth and Fiscal Problems (to be known as Kent State University Project No. 2299 - Letter 6/27/67 - College of Commerce and Administration - Continuing Education).
Gross Value - \$921.60.
- a10. A. H. Robins Co., Inc., Research Laboratories, Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Co., Inc. Project No. 2327 - Ext. #1 - College of Pharmacy).
Gross Value - \$6,421.00.
- a11. University of Alabama, Huntsville Campus, Huntsville, Alabama, Development and Presentation of Logistics Seminar for Space Systems (to be known as University of Alabama Project No. 2465 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$8,135.00.
- a12. American Historical Association, Washington, D. C., Conferences on the Problems of Oral History (to be known as American Historical Association Project No. 2470 - New - Department of History).
Gross Value - \$2,500.00.
- a13. American Association on Mental Deficiency, Columbus, Ohio, Description and Determinants of Institutional Quality (to be known as American Association on Mental Deficiency Project No. 2473 - New - Department of Psychology).
Gross Value - \$18,000.00.

September 14, 1967 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)

- a14. National Municipal League, New York, New York, The Effects of Reapportionment in Ohio (to be known as National Municipal League Project No. 2480 - New - Department of Political Science). Gross Value - \$5,000.00.
- a15. Warner-Lambert Research Institute, Medical Division, Morris Plains, New Jersey, Oxolinic Acid (W4565) Study in Treatment of Acute and Chronic Urinary Tract Infections (to be known as Warner-Lambert Research Institute Project No. 2481 - New - Department of Surgery). Gross Value - \$6,000.00.
- a16. Northwestern Ohio Heart Association, Toledo, Ohio, Histological Study of the Human Cardiac Conduction System (to be known as Northwestern Ohio Heart Association Project No. 2486 - New - Department of Anatomy). Gross Value - \$3,326.65.
- a17. American Heart Association, New York, New York, Intra-Hepatic Control of Arterial and Portal Inflow to the Liver (to be known as American Heart Association Project No. 2491 - New - Department of Physiology). Gross Value - \$13,530.00.

TOTAL - Industrial and Other Contracts \$162,637.05

The foregoing ninety contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$5,076,796.05.

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 voice vote.

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

During the period from June 27, 1967 through August 24, 1967, 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 263X A Study of Highway Lighting, Ohio Department of
Ext. #4 Highways, Columbus, Ohio.
Gross Value - \$20,040.00.

September 14, 1967 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)

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|---------------------|--|
| EES 274X
Ext. #1 | The Development of New Intersection Techniques, Ohio
Department of Highways, Columbus, Ohio.
Gross Value - \$9,000.00. |
| EES 304X | Preparation of Final Draft for Ohio Motor Vehicle
Accident Cost Study, Ohio Department of Highways,
Columbus, Ohio.
Gross Value - \$4,920.00. |
| W110 | The Influence of Suspended Microscopic Substances on
the Metabolic Activities of Microorganisms Responsible
for Biological Enrichment of Water, U. S. Department
of Interior, Washington, D. C.
Gross Value - \$17,506.00. |
| W111 | Cladophora as Related to Pollution in Western Lake Erie,
U. S. Department of Interior, Washington, D. C.
Gross Value - \$4,950.00. |
| W112 | Relationship Between Phosphate and Other Chemicals
at the Water-Substrate Interface in Lake Erie, U. S.
Department of Interior, Washington, D. C.
Gross Value - \$10,900.00. |
| W113 | Public Investment Criteria for Water-Oriented Recreation
in the Lake Erie Basin, U. S. Department of Interior,
Washington, D. C.
Gross Value - \$14,700.00. |
| W114 | Pollution Taxes and the Costs of Water Quality
Management, U. S. Department of Interior, Washington,
D. C.
Gross Value - \$5,994.00. |
| W115 | Precipitation of Phosphates from Water with Ferrous
Salts, U. S. Department of Interior, Washington, D. C.
Gross Value - \$8,100.00. |
| W117 | A Study of Biological Systems in the Scioto River as
Indices to Water Quality, U. S. Department of Interior,
Washington, D. C.
Gross Value - \$67,800.00. |

September 14, 1967 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)

W118	Community Reactions to Water Resources Problems in Relation to Planning, U. S. Department of Interior, Washington, D. C. Gross Value - \$13,111.00.
W119	Interactions Among Aquatic Contaminants and Activity of Microorganisms on the Ecology and Productivity in Lake Erie, U. S. Department of Interior, Washington, D. C. Gross Value - \$97,850.00.
SC 48 Ext. #2	University Civil Defense Extension Program, Office of Civil Defense, Department of the Army, Washington, D. C. Gross Value - \$72,508.00.

TOTAL - Government Research Contracts \$347,379.00

2. Industrial Research Contracts

EES 250X Ext. #7	Thin Film Hall Effect Devices, F. W. Bell, Inc., Columbus, Ohio. Gross Value - \$1,000.00.
EES 282X Ext. #2	Investigation of Vibration Aids to Bulk Handling of Resins, Union Carbide Corporation, Plastics Division, New York, New York. Gross Value - \$12,000.00.
EES 284X Ext. #1	Evaluation of Lift Coefficients and Pressure Gradients on Rotor Blades, Boeing Company, Vertol Division, Morton, Pennsylvania. Gross Value - \$1,217.00.
EES 302X	Study of Fluid Flow and Force Generation Through Safety Relief Valve Passages, National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio. Gross Value - \$7,712.00.
EES 303X	Sonic Tool for Anchoring Bolts and Studs Into Refractory Materials, The Black and Decker Company, Towson, Maryland. Gross Value - \$51,900.00.

September 14, 1967 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)

SC 70	Water and Wastewater Plant Operators Training Program for Fiscal Year 1968, Operator Training Committee of Ohio, Inc., Columbus, Ohio. Gross Value - \$16,404.00.
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TOTAL - Industrial and Other Contracts \$90,233.00

The foregoing nineteen contracts for research in the Engineering Experiment Station represent a gross income of \$437,612.00.

C. 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 1967-68 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. Hilliker, seconded by Mr. France, the above recommendations were approved by unanimous roll call vote.

D. Agreement Between The Ohio State University and the National Council on Schoolhouse Construction

Experience with other educational groups such as Chemical Abstracts of the American Chemical Society and the National Council on Educational Administration has demonstrated the willingness of The Ohio State University to cooperate with national agencies and the significant value of such cooperation to the University as well as the affiliated groups.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Agreement Between The Ohio State University and the National Council on Schoolhouse Construction (continued)

It was therefore recommended that the President of The Ohio State University be authorized to sign an agreement between The Ohio State University and the National Council on Schoolhouse Construction with the understanding that the University will assist the Council during its redevelopment period until such time as it can become and remain completely self sustaining.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement between The Ohio State University and the National Council on Schoolhouse Construction.

E. Agreement for Preliminary Studies - Campus Loop Road

The proposal to enter into an agreement with the engineering firm of E. S. Preston & Associates, Ltd., Columbus, Ohio, for the purpose of making preliminary engineering studies to assist in protecting the interests of the University in the later implementation of its master plan, particularly related to that portion of the proposed Campus Loop Road paralleling the Olentangy Freeway, of adjoining segments of the Loop Road, and of connections to other related campus and non-campus streets, was reviewed with the Board of Trustees on July 13, 1967, and the President was authorized to proceed with the negotiation of such an agreement with the total cost not to exceed \$10,000.00.

An agreement between The Ohio State University and E. S. Preston & Associates has now been executed with the understanding that the University will reimburse the E. S. Preston & Associates for "Actual payroll cost . . . plus actual other direct costs plus overhead at 80 per cent of actual payroll cost plus a fixed fee of \$1,500.00; the combined total of which shall not exceed \$10,000.00."

President Fawcett recommended that the Board of Trustees formally ratify this agreement and authorize payment upon satisfactory completion of the work.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was 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 13, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$727,253.00 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 a portion of the Biological Sciences Building. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Project No. Ohio 4-1765)
2. \$723,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a project entitled "Laboratory Animal Center." This grant is made under Title VII (A) of the Public Health Service Act, as amended. (Grant No. 1 C01 FR-03443-01)
3. \$219,859.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 151-T-68)
4. \$135,963.00 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, 1967 through August 31, 1968. (Grant No. NT-29-C11)
5. \$80,280.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for construction of a Classroom - Library Building on the Marion Campus. This grant is made under Title I of the Higher Education Facilities Act of 1963. This grant is in addition to the one reported at the July 13, 1967 meeting, making the total \$704,030.00. (Project No. Ohio 3-2372)
6. \$62,770.00 granted by Department of Health, Education, and Welfare, Public Health Service, 4040 North Fairfax Drive, Arlington, Virginia 22203, to the University for a "Mental Retardation Training Program," under the direction of the Department of Pediatrics, for the period August 1, 1967 through July 31, 1968. (Grant No. MR3713A67)
7. \$61,728.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of the Department of Speech, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 222-T-68)
8. \$54,294.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Training Grant in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T01 AM05518-11)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$52,291.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Planning Study to Determine the Feasibility of Developing a New Business and Office Education Curriculum," under the direction of the Center for Vocational and Technical Education, for the period June 29, 1967 through October 28, 1967. (Grant No. OEG-1-7-071223-5134)
10. \$48,513.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 T12 HE05686-01)
11. \$39,731.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships," under the direction of the Department of Sociology, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 473-T-68)
12. \$38,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Slavic and East European Language and Area Center," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1967 through June 30, 1968. (Contract No. OEC 4-7-000097-3675)
13. \$33,774.00 granted by Department of Health, Education, and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Services, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010(A))
14. \$30,410.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Secondary Science Training Program," under the direction of the Department of Mathematics. This grant terminates on September 30, 1968. (GW-2259)
15. \$27,673.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Nursing," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant Nos. 5 T02 MH06375-11 and 5 T02 MH06375-11S1)
16. \$26,772.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Services, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 209-T-68)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

17. \$25,000.00 from Battelle Memorial Institute for the Battelle Professorship of Metallurgy in the Department of Metallurgical Engineering.
18. \$18,187.00 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, 1967 through June 30, 1968. (Grant No. 5 T01 MH06748-10)
19. \$15,485.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Neocortical and Subcortical Interaction," under the direction of the Department of Psychology, for the period September 1, 1967 through August 31, 1968. (Grant No. 1 K03-MH-12,747-01)
20. \$15,120.00 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, 1967 through June 30, 1968. (Grant No. 1 T01 MH10778-01)
21. \$15,091.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for the project entitled, "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1967 through July 31, 1968. (Grant No. VRA RD-2292-G-68-C1)
22. \$14,280.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Nursing Traineeship and Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1967 through June 30, 1968. (Grant No. N-537-68C)
23. \$12,741.00 granted by Agency for International Development, Washington, D. C., to the University for "Analytical Study of AID/ University Projects in Agricultural Education and Research," under the direction of the Department of Agricultural Economics and Rural Sociology, for the period July 1, 1967 through December 31, 1967. (Contract No. AID/csd-840-OSU)
24. \$11,990.00 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, 1967 through August 31, 1968. (Grant No. R13 DH 00129-04)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

25. \$6,180.00 granted by The Ford Foundation, 477 Madison Avenue, New York, New York 10022, to the University for a doctoral fellowship in business organization for the academic year 1967-1968. (Grant No. 67-330)
26. \$5,000.00 granted under the Trust of Max H. Rieser to the University to establish the Max and Eugenie Rieser Fellowships. This sum is to be used for the purchase of five \$1,000.00 Government Bonds with one to be awarded each year as a fellowship to the most efficient, industrious, and deserving student in the College of Commerce and Administration of The Ohio State University.

TOTAL - Through the Office of Business and Finance \$2,501,385.00

B. Received Through the Development Fund

1. \$43,690.75 in securities from the Estate of Miner Barcus for the establishment of the Caroline Miner, James Henry Barcus, Ebenezer Barcus, and Miner Barcus Memorial Fund.

Caroline Miner, James Henry Barcus, Ebenezer Barcus,
and Miner Barcus Memorial Fund

The Caroline Miner, James Henry Barcus, Ebenezer Barcus, and Miner Barcus Memorial Fund was established by a bequest under the will of Miner Barcus, ME-EE '97, in memory of his mother, Caroline Miner; his father, James Henry Barcus; and his uncle, Ebenezer Barcus.

The principal is to be invested in accordance with 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 at the discretion of said Board of Trustees of The Ohio State University as recommended by the Board of Directors of The Ohio State University Development Fund, with first preference to be given to a student loan fund, if the need for such exists.

2. \$37,000.00 from the Estate of Miss Helen C. Kennedy for the Institute for Research in Vision.
3. \$30,000.00 from the American Playwrights Theatre, Columbus, Ohio, for the American Playwrights Theatre Fund.

American Playwrights Theatre Fund

The American Playwrights Theatre Fund was established July 24, 1967, through a gift by the American Playwrights Theatre, Columbus, Ohio, to The Ohio State University Development Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. American Playwrights Theatre Fund (continued)

The principal is to be invested under the rules and regulations of the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

Interest is to be added to the principal as it accrues. Expenditures are to be made only for purposes of the American Playwrights Theatre and may be made from either principal or interest, as determined by the authorized officers of the American Playwrights Theatre, which must include those members of The Ohio State University faculty or staff who are then officers.

4. \$24,250.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
5. \$12,445.19 from the American Medical Association for the National Fund for Medical Education.
6. \$10,000.00 from The Danforth Foundation for the Cooperative School Board Project in the College of Education.
7. \$8,400.00 from The International Nickel Company, Inc., for the International Nickel Company Fellowship Fund.
8. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Fund for Research in Medicine.
9. \$7,000.00 from Beecham Research Laboratories, Inc., New York, New York, for the Infectious Disease Research Fund.
10. \$7,000.00 from General Foods Fund, Inc., New York, New York, for the General Foods Fund Fellowship in Home Economics.
11. \$6,819.21 from Ullery, Vorys, Teteris, Neri & Associates, Inc. - Research--\$5,000.00 for the G. D. Searle & Company Fund for Research in Medicine and \$1,819.21 for Medical Research Consultants Fund.
12. \$6,000.00 from The John and Mary R. Markle Foundation, New York, New York, for The John and Mary R. Markle Fund.
13. \$6,000.00 from Parke, Davis & Company, Detroit, Michigan, for the Parke, Davis & Company Fellowship Fund.
14. \$6,000.00 from American Iron and Steel Institute, New York, New York, for the American Iron and Steel Institute Fellowship Fund in Civil Engineering.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. \$5,750.00 from Ohio Lions Club, Jackson, Ohio, for Ohio Lions Optometry Faculty Research Fund.
16. \$5,750.00 from Ohio Lions Research Foundation, Jackson, Ohio, for the Institute for Research in Vision.
17. \$5,640.00 from the Montgomery Foundation, Coshocton, Ohio, (E. E. Montgomery) for support of the Stadium Dormitory General Scholarship and Development Fund.
18. \$5,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.
19. \$5,000.00 from Charles Pfizer & Company, Inc., New York, New York, for the Infectious Disease Research Fund.
20. \$5,000.00 from Warren-Teed Pharmaceuticals, Inc., for the Warren-Teed Pharmaceuticals, Inc., Research Fund in the College of Pharmacy.
21. \$5,000.00 from Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Research Grant in Education for the academic year 1967-1968.
22. \$4,408.00 from International Business Machines Corporation for the International Business Machines Corporation Fellowship Fund.
23. \$4,369.00 from Nite Out Committee for Nite Out Student Loan Fund in the Health Center Area.
24. \$4,035.00 from Procter & Gamble Company for the Procter & Gamble Fellowship Fund in Chemical Engineering.
25. \$3,500.00 from The Joyce Products Company (Henry M. O'Neill, Sr. and Henry M. O'Neill, Jr.) for the Student Athlete Grant-in-Aid Fund.
26. \$3,350.00 from G. D. Searle and Company for the G. D. Searle and Company Research in Medicine Fund.
27. \$3,300.00 from The Stauffer Chemical Company Foundation for the Stauffer Chemical Company Chemistry Fellowship.
28. \$3,000.00 from Alcoa Foundation for the Alcoa Foundation Scholarship Fund.
29. \$3,000.00 from E. I. duPont deNemours and Company for the duPont Fund for Research in Chemistry.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. \$2,400.00 from Mansfield O. S. U. Scholarship Foundation for the Mansfield Branch Scholarship Fund.
31. \$2,383.00 from Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
32. \$2,375.75 from the Columbus Foundation (Everett D. Reese) for the Presidents Club Fund.
33. \$2,000.00 from William T. Morris Foundation, Inc., for the William T. Morris Foundation Scholarship in Welding Engineering.
34. \$2,000.00 from Obrig Laboratories, Inc., for the Obrig Laboratories, Inc., Fund for the School of Optometry.
35. \$1,783.13 from Ralph L. Boyer for the Ralph L. Boyer Fund for Engineering.
36. \$1,700.00 from Air Reduction Company, Incorporated, for Airco Scholarship in Welding Engineering.
37. \$1,520.00 from The Trane Company Foundation, Inc., for the Trane Company Fund in Mechanical Engineering.
38. \$1,500.00 from The Hildreth Foundation, Inc. (Gordon Hildreth), for the Student Athlete Grant-in-Aid Fund.
39. \$1,500.00 from Touche, Ross, Bailey & Smart for unrestricted use of the Department of Accounting.
40. \$1,184.04 from the Estate of Jeanette G. Murphy for the Jeanette G. Murphy Memorial Fund.
41. \$1,050.00 from the National Society for the Prevention of Blindness, Incorporated, for the National Society for the Prevention of Blindness Fund.
42. \$1,000.00 from Allied-Rentals (Edmond H. Deibel), for the Class of 1917 Fiftieth Anniversary Fund.
43. \$1,000.00 from Olin Mathieson Charitable Trust for Olin Mathieson Summer Project in Mechanical Engineering.
44. \$1,000.00 from Rohm and Haas Company for the Rohm & Haas Company Scholarship Fund.
45. \$1,000.00 from Melvin D. Ross--\$500.00 for the Melvin D. Ross Student Loan Fund and \$500.00 for the Melvin D. Ross Library Fund.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

46. \$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.

TOTAL - Through the Development Fund \$305,103.07

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Edward S. Drake and Student Leader Award Fund Merged

President Fawcett recommended, with the concurrence of the allocation boards of the Ohio State University Student Leader Award Fund and the Edward S. Drake Scholarship Fund, that they be joined together to form the "Edward S. 'Beanie' Drake Student Leader Endowment Fund" with the description as follows:

Edward S. "Beanie" Drake Student Leader Endowment Fund

The Edward S. "Beanie" Drake Student Leader Endowment Fund was created June 30, 1967, through a merger of the Ohio State University Student Leader Award Fund, originally established April 5, 1951, and the Edward S. Drake Scholarship Fund, originally established December 11, 1963. These funds were established through gifts to The Ohio State University through the Development Fund from campus student organizations and from friends of Edward S. "Beanie" Drake, in his honor.

Income is to be used to make awards to outstanding students whose need for financial assistance would otherwise prevent them from engaging in campus activities.

Awards are to be made by the University Scholarship Committee upon the recommendation of the Board of Directors of the Ohio State University Student Leader Endowment Fund.

Should the need for these awards cease to exist or so diminish as to leave unused income, the Board of Trustees may use the income for any purpose directly benefitting the student body.

The amount transferred to the newly identified Fund is \$19,300.00.

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

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. June, 1967

In June, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,948	\$175,806.06
Individuals other than alumni	196	3,005.14
Nonprofit organizations	35	82,429.72
Business concerns	25	51,281.29
	<u>2,204</u>	<u>\$312,522.21</u>

Of these gifts, 1,595, totaling \$15,992.52 were undesignated and 609 totaling \$296,529.69 were designated.

2. July, 1967

In July, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	696	\$ 49,106.40
Individuals other than alumni	85	1,997.89
Nonprofit organizations	47	130,276.45
Business concerns	19	70,134.79
	<u>847</u>	<u>\$251,515.53</u>

Of these gifts, 481 totaling \$6,208.37 were undesignated and 366 totaling \$245,307.16 were designated.

E. Funds Received for Newly Established Royalties Account

\$30,000.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the special fund identified as Royalties Account No. 179027. which account is to be used for the purpose of defraying duly authorized expenses incurred in obtaining patents and the balance for other purposes in accordance with established budgeting procedures as recommended by the President and approved by the Board of Trustees.

Upon motion of Mr. Jones, seconded by Mr. Safford, the Board of Trustees approved the acceptance of the above-identified \$30,000.00 by unanimous roll call vote.

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September 14, 1967 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. Parking Ramp - Ohio Union Site

This project is a parking ramp located between the Ohio Union and the Museum and will accommodate 627 automobiles.

Funds will be provided from Budget Account 801111.

B. Student Health Facility

This project is a four-story building which will house complete outpatient health services for all students.

Funds will be provided from Budget Account 801066.

Upon motion of Mr. Safford, 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 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 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. Medical Center Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sanitary and Storm Sewer Contract</u>		
(2 bids received 8-23-67)		
C. W. Pike & Sons (Columbus)		
Base Bid	\$ 294,187.85	\$ 220,800.00
Alt. AA-2 (Tree Protection)	1,200.00	5,600.00
Alt. AA-3 (Seeding and Mulching)	1,520.00	950.00
Alt. AA-4 (Inlets Belmont and 10th)	2,200.00	1,000.00
Total	<u>\$ 299,107.85</u>	<u>\$ 228,350.00</u>

Water Lines Contract

(1 bid received 8-23-67)

The Fishel Co. (Columbus)

Base Bid	<u>\$ 325,465.00</u>	<u>\$ 268,800.00</u>
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September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Medical Center Utilities (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u>		
(2 bids received 8-23-67)		
The Fishel Co. (Columbus)		
Base Bid	\$ 145,635.00	\$ 131,400.00
Alt. CA-2 (Primary Cable)	8,910.00	6,435.00
Total	<u>\$ 154,545.00</u>	<u>\$ 137,835.00</u>
<u>Gas and Steam Contract</u>		
(2 bids received 8-23-67)		
Lieb-Jackson Co. (Columbus)		
Base Bid	\$ 136,473.30	\$ 142,800.00
Alt. DA-1 (Steam Lines University Hospital)	500.00	1,000.00
Alt. DA-2 (Increase Size of Return Line)	3,000.00	5,000.00
Alt. DA-3 (Steam Lines - Nursing)	9,988.00	20,000.00
Total	<u>\$ 149,961.30</u>	<u>\$ 168,800.00</u>
<u>Total All Contracts</u>	<u>\$ 929,079.15</u>	<u>\$ 803,785.00</u>

All bids were in excess of the estimates of cost. Nonetheless, the Director of Public Works recommends proceeding since in his opinion no better bids will be developed by readvertising. Contracts, therefore, will be awarded to the respective low bidders.

Funds for this project are provided from Item 048, H. B. 886.

B. Medical Basic Science Building

It was hereby recommended that all previous Board actions (February 9, 1967, March 9, 1967, and April 13, 1967) relating to the award of contracts for this project be rescinded and that the following listed award of contracts be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 8-25-67)		
Garwick & Ross (Columbus)		
Base Bid	\$4,168,700.00	\$ 5,600,000.00
Alt. G-1 Terrazzo for Basement Floor	28,000.00	22,000.00
Total	<u>\$4,196,700.00</u>	<u>\$ 5,622,000.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Medical Basic Science Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(4 bids received 8-25-67)		
Sauer, Inc. (Pittsburgh)		
Base Bid	\$ 890,000.00	\$ 900,000.00
Alt. P-3 Vacuum Cleaning System	32,000.00	30,000.00
Total	<u>\$ 922,000.00</u>	<u>\$ 930,000.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(2 bids received 8-25-67)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$1,842,000.00	\$ 2,050,000.00
Alt. H-1 Temperature Control	53,000.00	35,000.00
Total	<u>\$1,895,000.00</u>	<u>\$ 2,085,000.00</u>
<u>Electrical Contract</u>		
(2 bids received 8-25-67)		
States Electric Co. (Columbus)		
Base Bid	\$1,032,600.00	\$ 1,200,000.00
Alt. E-1 Circuit Identification	1,350.00	2,500.00
Alt. E-2 Vacuum Cleaning System	1,720.00	1,000.00
Alt. E-3 Holophane Lens	50,500.00	-
Total	<u>\$1,086,170.00</u>	<u>\$ 1,203,500.00</u>
<u>Equipment Contract</u>		
(2 bids received 8-25-67)		
Hamilton Equipment Co.		
(Two Rivers, Wisconsin)		
Base Bid	\$ 557,000.00	\$ 750,000.00
Alt. LC-1 Corrocast Table Tops	21,500.00	13,000.00
Total	<u>\$ 578,500.00</u>	<u>\$ 763,000.00</u>
<u>Total All Contracts</u>	<u>\$8,678,370.00</u>	<u>\$10,603,500.00</u>

Funds for this project are provided from Item 315-043, H. B. 202, and a Public Health Service Grant.

C. Goss Laboratory - Manifold System Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(3 bids received 8-29-67)		
Julian Speer Company (Columbus)		
Base Bid	\$ 74,000.00	\$ 80,000.00
Alt. H-1 Emergency Generator	1,500.00	3,000.00
Total	<u>\$ 75,500.00</u>	<u>\$ 83,000.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Goss Laboratory - Manifold System Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 4-13-67)		
S & S Electric Company (Columbus)		
Base Bid	\$ 13,870.00	\$ 27,000.00
Alt. E-1B Emergency Generator	17,620.00	18,000.00
Total	<u>\$ 31,490.00</u>	<u>\$ 45,000.00</u>
<u>Total All Contracts</u>	<u>\$ 106,990.00</u>	<u>\$ 128,000.00</u>

Funds for this project will be provided from Budget Account 121658.

D. Humanities Center - Foreign Language Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 8-30-67)		
Sheaf Construction Co. (Columbus)		
Base Bid	\$1,054,000.00	\$ 1,020,500.00
Alt. G-3 Sandblast Exterior Concrete Walls	2,500.00	2,500.00
Total	<u>\$1,056,500.00</u>	<u>\$ 1,023,000.00</u>
<u>Plumbing Contract</u>		
(3 bids received 8-30-67)		
Piping Contractors Company (Columbus)		
Base Bid	\$ 83,404.00	\$ 78,800.00
Alt. P-1 Vacuum Cleaning System	5,349.00	6,000.00
Total	<u>\$ 88,753.00</u>	<u>\$ 84,800.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(2 bids received 8-30-67)		
Limbach Company (Columbus)		
Base Bid	<u>\$ 440,000.00</u>	<u>\$ 328,000.00</u>
<u>Electrical Contract</u>		
(5 bids received 8-30-67)		
McCarty Brothers Electric Co. (Columbus)		
Base Bid	\$ 291,000.00	\$ 272,600.00
Alt. E-3 Conduit for Vacuum Cleaning System	810.00	1,500.00
Total	<u>\$ 291,810.00</u>	<u>\$ 274,100.00</u>
<u>Total All Contracts</u>	<u>\$1,877,063.00</u>	<u>\$ 1,709,900.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Humanities Center - Foreign Language Building (continued)

Funds for this project are provided from Item 044, H. B. 886, and a Title II Federal Grant.

All bids received are in excess of the estimates of cost and have been recommended for award subject to the approval of the State Controlling Board and the Director of Public Works whose opinion is that no better bids would be received if the project was readvertised.

Upon motion of Mr. Jones, 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 was ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD REQUESTS

Each numbered request accomplishes the following purpose:

- 26 Approves the transfer and release of \$39,475.00 from Item 016 Medical Complex to Item 052 Mental Retardation Center, H. B. 202, to provide funds for Stage II preliminary plans.
- 27 Authorizes the release of \$885,050.00 from Item 018, H. B. 202, to provide funds for contracts for the project "Lima Campus - Phase II."
- 28 Approves the amendment of previous request to provide funds for contracts for the project "Printing Facilities."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Employment of Architects

On December 8, 1966, the Board of Trustees authorized the employment of Urban, Calabretta & Lewis to prepare schematic studies and drawings for this project to accompany an application for a Federal Grant.

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

The fee for this work will be calculated at 6 per cent of the first \$1,000,000.00 and 5 1/2 per cent of all over the first \$1,000,000.00. This is an estimated fee of \$76,665.00 less the prior payment for schematics. Funds will be provided from B/A 801021.

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

September 14, 1967 meeting, Board of Trustees

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

B. Purchase of Buildings and Property, 199-203 West Tenth Avenue

Upon recommendation of the Finance and Investment Committee, the Vice President for Business and Finance has negotiated for the purchase of the following property from Leo Yassenoff at a price of \$42,500.00:

Property known as 199-203 West Tenth Avenue being Lots 38 and 39, Elizabeth J. McMillen's University Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in the Investment Portfolio for this purchase, and President Fawcett recommended that the action of the Vice President for Business and Finance be ratified and the purchase completed.

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

C. McCracken Power Plant - Additional Boiler and Remodeling of Existing Boilers - Employment of Engineers

President Fawcett recommended that with the concurrence of the Director of Public Works the engineering firm of Moulenbelt and Seifert be employed to provide engineering services involved in the design and supervision of a new gas-fired package boiler and conversion of two existing powdered coal boilers to gas fuel with oil standby.

The fee for this service will be calculated at the rate of 6 3/4 per cent for the new boiler and 8 per cent for the remodeling work. Funds will be provided from Budget Account 801143.

Upon motion of Mr. Jones, seconded by Mr. France, 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 David Rollin Dodd, Professor Emeritus in the Department of Agronomy. 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. David Rollin Dodd

The Board of Trustees expresses its sorrow at the death on July 23, 1967, of David Rollin Dodd, Professor Emeritus in the Department of Agronomy.

Dr. Dodd was a native of Berkeley County, West Virginia. He was a graduate of Shepherd College and received his Bachelor of Science degree from West Virginia University and his Doctor of Philosophy degree from Cornell University.

September 14, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. David Rollin Dodd (continued)

From 1914 to 1919, he served as County Agricultural Extension Agent, first of Clay County and later of Mason County, West Virginia. In 1919, he joined the faculty of West Virginia University, and except for two years at Cornell University, served there until 1930 when he joined the faculty at The Ohio State University. He was also associated with the U. S. Department of Agriculture and was widely known as an authority on grasses and pastures. In 1952, he was named Deputy Economics Administrator for the Marshall Plan with headquarters in Paris, France. In this capacity, he assisted nineteen European countries on programs designed to increase their agricultural productivity. After returning to the United States and retiring from The Ohio State University in 1954, he devoted his principal attention to the development of Potomac Riverside Farm at Little Georgetown, West Virginia.

In 1958, he was named Director of Agricultural and Forestry Resources and Professor of Agriculture at Berry College, Mt. Berry, Georgia. After retiring from Berry College in 1960, he served as Technical Director of Darby Dan Farms, Columbus, Ohio. He returned to his permanent residence at Little Georgetown, West Virginia, late last year and at the time of his death was active as an agricultural consultant and President of Potomac Riverside Farms, Inc., the old Dodd home- stead at Little Georgetown, West Virginia.

Dr. Dodd was a Fellow of the American Society for the Advancement of Science and the American Society of Agronomy. He was a thirty-second degree Scottish Rite Mason and a member of Berkeley Lodge 37, A. F. A. M.

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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X. REPORTS

A. Reports from the Finance and Investment Committee

1. Investment Counsel - Termination of Services

Mr. Mervin France, Chairman of the Finance and Investment Committee, reported that the Committee unanimously recommends that the services of the firm of Scudder, Stevens and Clark, as investment counsel to the Board of Trustees, be terminated in accordance with the arrangement as approved by the Board of Trustees on February 11, 1965.

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

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

2. Report on the University's Investment Portfolio

The reports on the University's Investment Portfolio dated July 31, 1967 and August 31, 1967, 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.

3. Appropriations for University Administrative Officials

Mr. France 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 1967-68 be on the same basis as the appropriations for 1966-67: (1) to the President, \$7,500.00; (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 Research; Vice President for Educational Services; Executive Dean for Student Relations; Executive Dean for Admissions and Registrations; Executive Director for University Relations; 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. Jones and approved by unanimous roll call vote.

B. Distribution of Annual Reports

The following University annual reports were distributed to each member of the Board of Trustees, and the Secretary was instructed to file a copy of each report with the official records of the Board of Trustees.

1. Report of the President for 1966-67, entitled A Dynamic Existence.
2. The Financial Report of The Ohio State University and the Financial Report of The Ohio State University Endowment Funds for the fiscal year ending June 30, 1967.

C. Administrative Reports to the Board of Trustees by President Fawcett

1. Highlights of University Activities

President Fawcett reported to the Board of Trustees on some of the significant activities of the University since the last meeting of the Board. Some references included in the report, which is filed with the official records of the Board, were as follows:

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Administrative Reports to the Board of Trustees by President Fawcett
(continued)

1. Highlights of University Activities (continued)

- a. The University will begin its 95th year of instruction September 27, 1967, with an anticipated grand total enrollment of 43,084. This includes estimates of 39,049 at the Columbus campus and 4,035 at branches and off-campus centers. Last autumn the grand total enrollment was 41,207, with 37,486 on the main campus and 3,721 at branches and centers.
- b. Ohio State ranked sixth in the nation in the production of teachers newly certified in 1966, according to the report of the American Association of Colleges for Teacher Education. The University produced 1,396 new teachers, to rank behind Indiana, which led with 1,959; Michigan State, Fresno State, Western Michigan, and the University of Puerto Rico.
- c. The University will replace its principal research and instructional computer during the next year. On order is a new and more powerful third-generation system, an IBM 360, to be installed in place of its present IBM 7094. Dr. Roy Reeves, Director of the Computer Center, indicates that the advantages of the new system would include higher-speed computing for long-running problems, use of more modern computer languages, larger storage capacity, and greater accessibility by students and faculty.
- d. The College of Medicine has concluded a contract with the U. S. Public Health Service's National Library of Medicine for initial support of \$50,585.00 for a computer-based medical information retrieval program. According to Dean Richard L. Meiling, the new facility will enable the College to serve as a resource for the State of Ohio for the growing amount of information in the health fields. The present volume of published scientific material creates an urgent need for more efficient retrieval of health information.
- e. Some 1,715 law alumni of the University now have received new juris doctor diplomas in place of the LL. B. degrees previously awarded.
- f. The Department of Aviation is conducting three research studies for the Federal Aviation Agency under contracts totaling over \$75,000.00. Mr. Jack J. Eggspuehler, Chairman of the Department, said the University won the contracts in competition with certified flying schools and other universities throughout the country.
- g. Scientists, engineers, and social scientists from a battery of Midwestern institutions, including Ohio State, have banded together to build a plan for attacking water-resource problems in the Great Lakes area.

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Administrative Reports to the Board of Trustees by President Fawcett
(continued)

1. Highlights of University Activities (continued)

h. Frederick G. Kilgour, Associate Librarian for Research and Development at Yale University, has been named Director of the new Ohio College Library Center based at Ohio State. The appointment was announced by A. Blair Knapp, President of Denison University and Chairman of a Committee of the Ohio College Association assigned the job of getting the Center under way.

2. Administrative Report

In a report to the Board, President Fawcett discussed administrative policy matters dealing with the following four principal categories:

- (a) The efficient management of existing resources
- (b) The need to achieve an increase in State appropriations
- (c) An enlarged effort to capture Ohio's share of Federal funds
- (d) The inevitable need for increased private, corporation, and foundation support.

The Secretary was instructed to file a copy of the above statement by the President with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Wednesday, October 11, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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APPENDIX II

SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1968

Adopted by Board of Trustees September 14, 1967
(See page 218)

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September 14, 1967 meeting, Board of Trustees

Schedule of Student Fees, Effective Winter Quarter, 1968

College or School	Instructional and General	Student Services	Resident Total	Out-of-State Tuition	Non- Resident Total
Agriculture and Home Economics	\$145	\$20	\$165	\$200	\$365
Arts and Sciences	145	20	165	200	365
Biological Sciences	145	20	165	200	365
Commerce and Administration	145	20	165	200	365
Education	145	20	165	200	365
Engineering	145	20	165	200	365
Graduate School	145	20	165	200	365
Dentistry	265	20	285	200	485
Dental Hygiene and Dental Laboratory Technology	193	20	213	200	413
Law	173	20	193	200	393
Medicine*	285	20	305	200	505
School of Allied Medical Services	145	20	165	200	365
School of Nursing	145	20	165	200	365
School of Optometry	183	20	203	200	403
Pharmacy	151	20	171	200	371
Veterinary Medicine	185	20	205	200	405
University Branches and Academic Center	145	20	165	200	365

*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 1967-68 academic year shall be \$915.00 for resident students and \$1,515.00 for nonresident 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 to the next even dollar amount; i. e., \$83.00 for Ohio residents enrolled in undergraduate college programs and \$183.00 for nonresident students enrolled in undergraduate programs.

All other fees previously approved by the Board of Trustees shall remain unchanged.

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

Columbus, Ohio, October 11, 1967

The Board of Trustees met at its regular monthly meeting on Wednesday, October 11, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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October 11, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Academic Reorganization of the University

While the structure of an institution guarantees neither success nor failure, it should facilitate success. With this in mind, the academic structure of the University has been studied with some regularity over the past twenty years. These studies have now resulted in an academic reorganization plan which was approved by the Faculty Council on October 3, 1967, following recommendations submitted to the Council by Vice President Corbally on behalf of the faculty Council on Academic Affairs:

The proposal is designed to meet several objectives:

1. the development of college units which can react with some consistency and rapidity to changing academic needs and requirements;
2. the grouping of academic departments into college units on the basis of academic relationships;
3. the provision of an effective faculty base for the design and implementation of academic programs in the broad arts and sciences area; and
4. the development of coordinating mechanisms to assist colleges and departments in the planning and offering of multidisciplinary academic programs.

The major elements of the reorganization plan are:

1. the creation of a unit to be known as the Colleges of the Arts and Sciences to include the existing College of Biological Sciences and University College and the following new colleges--the College of the Arts, the College of Humanities, the College of Mathematics and Physical Sciences, and the College of Social and Behavioral Sciences;
2. the creation of a College of Administrative Science and a College of Optometry to design and coordinate specialized professional academic programs;

October 11, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATION (continued)

A. Academic Reorganization of the University (continued)

3. the creation of a Faculty of the Arts and Sciences to have jurisdiction over academic programs leading to the "untagged" baccalaureate degrees and over basic education programs for the Colleges of the Arts and Sciences;
4. the creation of a position--Dean for Undergraduate Programs in the Colleges of the Arts and Sciences-- to coordinate certain specified activities of the Colleges;
5. the redefinition of a School to clarify the distinctions between a School and a Department; and
6. the assignment of existing Departments and Schools to Colleges within the new structure.

President Fawcett recommended that this plan of academic reorganization be approved, effective January 1, 1968; and that the Secretary of the Board be directed to correct and reprint the Rules for the University Faculty and the By-Laws of the Board of Trustees to include the specific changes as approved by the Faculty Council, recorded in the document identified as "Changes in Rules for the University Faculty Resulting from Academic Reorganization," and filed with the official records 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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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 14, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Appointments, Leaves of Absence Without Salary, and Emeritus Title:

A. Appointments

Frank Batley, Professor, Department of Radiology, effective September 25, 1967, at a salary of \$25,368.00 per annum.

David Herman Boyne, Professor and Chairman (part time - 51%), Department of Agricultural Economics and Rural Sociology, and Professor (part time - 18%), Cooperative Extension Service, effective November 1, 1967, at a salary of \$13,968.00 per annum. Dr. Boyne will hold a joint appointment for the remaining 31% time with the Ohio Agricultural Research and Development Center.

October 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Ira W. Deep, Professor and Chairman (part time - 48%), Department of Plant Pathology, and Professor (part time - 16%), Cooperative Extension Service, effective January 1, 1968, at a salary of \$12,168.00 per annum. Dr. Deep will hold a joint appointment for the remaining 36% time with the Ohio Agricultural Research and Development Center.

B. Leaves of Absence Without Salary

Bernard Mehl, Professor, School of Education, effective October 1, 1967 through June 30, 1968, to serve as a Visiting Professor at the University of Hawaii.

Mohammed Yaqub, Associate Professor, Department of Physics, effective October 1, 1967 through September 30, 1968, to engage in research and teach at Stevens Institute of Technology, Hoboken, New Jersey.

Jacoba C. deNeef, Assistant Professor, Department of Obstetrics and Gynecology, effective July 1, 1967 through September 30, 1967, to continue teaching and research in Rotterdam, The Netherlands.

Mohammad Haseeb Rizvi, Assistant Professor, Department of Mathematics, effective January 1, 1968 through June 30, 1968, to engage in research at Stanford University.

John A. Shaddock, Assistant Professor, Department of Veterinary Pathology, effective October 1, 1967 through June 30, 1968, to pursue an educational program in Germany.

Ethelrine Shaw, Assistant Professor, School of Nursing, effective September 10, 1967 through September 16, 1967, for personal reasons.

G. Wayne Burkhart, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through June 30, 1968, to participate in a program of professional improvement at The Ohio State University.

October 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Title

Charles W. Pavey, Department of Obstetrics and Gynecology, with the title Clinical Professor Emeritus, effective September 1, 1967.

Upon motion of Mr. France, seconded by Dr. Thomas, the Appointments, 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-I - Ext. #9 - Department of Physiology).
Gross Value - \$16,705.00.
- 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. #15 - College of Commerce and Administration, Continuing Education).
Gross Value - \$90,745.00.
- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346-F - Ext. #6 - Department of Surgery).
Gross Value - \$10,003.00.

October 11, 1967 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)

- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ligand Reactions and Homogeneous Groups (to be known as National Institutes of Health Project No. 1501-E - Ext. #5 - Department of Chemistry).
Gross Value - \$90,824.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575-D - Sup. #3 - Division of Biophysics).
Gross Value - \$3,332.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640-D - Ext. #4 - Department of Chemistry).
Gross Value - \$22,430.00.
- a7. National Aeronautics and Space Administration, Washington, D. C., Spacecraft Antenna Problems (to be known as National Aeronautics and Space Administration Project No. 1691 - Sup. #4 - Department of Electrical Engineering).
Gross Value - \$45,000.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors Controlling Testicular Tissue (to be known as National Institutes of Health Project No. 1786-D - Ext. #4 - Department of Dairy Science).
Gross Value - \$32,548.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806-D - Ext. #4 - Department of Surgery).
Gross Value - \$29,469.00.
- a10. 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. #2 - Department of Engineering Mechanics).
Gross Value - \$58,865.00.

October 11, 1967 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)

- a11. National Aeronautics and Space Administration, Washington, D. C., Cardiovascular Responses to Environmental Vibrations (to be known as National Aeronautics and Space Administration Project No. 2045 - Sup. #2 - Department of Preventive Medicine). Gross Value - \$20,000.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polyfunctional Catalysis (to be known as National Institutes of Health Project No. 2078-B - Ext. #2 - Department of Chemistry). Gross Value - \$31,758.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-A - Ext. #1 - Department of Pharmacology). Gross Value - \$1,312.00.
- a14. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-B - Ext. #2 - Department of Pharmacology). Gross Value - \$29,556.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Diffusion Coefficients on Drug Absorption (to be known as National Institutes of Health Project No. 2089-B - Ext. #2 - College of Pharmacy). Gross Value - \$7,130.00.
- a16. 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. #4 Department of Engineering Mechanics). Gross Value - \$17,000.00.
- a17. Department of Navy, Office of Naval Research, Washington, D. C., In vivo Effects of Oxygen (and Varying Mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - Amend. #2 - Department of Medicine). Gross Value - \$17,307.00.

October 11, 1967 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)

- a18. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Air Force Systems Command Project No. 2146 - C. O. #2 - Department of Electrical Engineering).
Gross Value - \$99,960.00.
- a19. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Planning (to be known as Agency for International Development Project No. 2176-A - Amend. #2 - Department of Economics).
Gross Value - \$218,019.00.
- a20. 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. #1 - Department of Mathematics).
Gross Value - \$11,711.00.
- a21. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Training Seminar for AID Human Resources Officers (to be known as Agency for International Development Project No. 2268 - Amend. #1 - Department of Economics).
Gross Value - \$36,813.00.
- a22. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2297 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Gas Solubilities in Selected Solvents and Solutions (to be known as National Institutes of Health Project No. 2298-A - Ext. #1 - Department of Chemistry).
Gross Value - \$28,497.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305-A - Ext. #1 - Department of Physical Medicine).
Gross Value - \$26,784.00.

October 11, 1967 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)

- a25. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Low Profile Antenna (to be known as Air Force Systems Command Project No. 2341 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$35,000.00.
- a26. U. S. Department of Transportation, Federal Highway Administration, Washington, D. C., Vehicle Rear Lighting Systems (to be known as U. S. Department of Transportation Project No. 2475 - New - Engineering Experiment Station).
Gross Value - \$64,553.00.
- a27. Department of Health, Education, and Welfare, Public Health Service, National Center for Chronic Disease Control, Arlington, Virginia, Primary Prevention of Coronary Heart Disease (to be known as National Center for Chronic Disease Control Project No. 2511 - New - Department of Preventive Medicine).
Gross Value - \$71,795.00.
- a28. 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 - New - Department of Geodetic Science).
Gross Value - \$64,000.00.
- a29. U. S. Army Medical Research and Development Command, Washington, D. C., Factors Affecting Erythrocyte Destruction in Malaria (to be known as U. S. Army Medical Research and Development Command Project No. 2515 - New - Department of Microbiology).
Gross Value - \$13,603.00.
- a30. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516 - New - Department of Chemistry).
Gross Value - \$21,678.00.
- a31. Air Force Office of Scientific Research, Arlington, Virginia, Allocation of Resources in a Multiman-Machine System Simulation (to be known as Air Force Office of Scientific Research Project No. 2517 - New - Department of Psychology).
Gross Value - \$40,007.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a32. Department of Health, Education, and Welfare, Public Health Service, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Heart Institute Project No. 2518 - New - Department of Physiology).
Gross Value - \$500.00.
- a33. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2519 - New - Department of Surgery).
Gross Value - \$1,000.00.
- a34. Department of Navy, Naval Air Systems Command, Washington, D. C., Reactive-Wall Reflector for 9 mm Microwave Operation (to be known as Naval Air Systems Command Project No. 2521 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a35. Department of Health, Education, and Welfare, 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 Home-Maker and Wage Earner, Part C (to be known as Office of Education Project No. 2522 - New - School of Home Economics).
Gross Value - \$15,000.00.
- a36. Department of Health, Education, and Welfare, Public Health Service, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Heart Institute Project No. 2523 - New - College of Pharmacy).
Gross Value - \$6,957.00.
- a37. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, S-A Ventricular Conduction (to be known as National Institutes of Health Project No. 2524 - New - Department of Veterinary Physiology).
Gross Value - \$10,358.00.
- a38. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525 - New - Department of Pathology).
Gross Value - \$18,890.00.

October 11, 1967 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)

- a39. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies of Erythropoiesis (to be known as National Institutes of Health Project No. 2527 - New - Department of Medicine).
Gross Value - \$43,348.00.
- a40. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography (to be known as National Science Foundation Project No. 2528 - New - Department of Geography).
Gross Value - \$1,200.00.
- a41. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies in Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529 - New - Department of Medicine).
Gross Value - \$18,528.00.
- a42. National Science Foundation, Washington, D. C., Physiological Studies of Antarctic Mosses (to be known as National Science Foundation Project No. 2530 - New - Institute of Polar Studies).
Gross Value - \$53,000.00.
- a43. National Science Foundation, Washington, D. C., Imperfections and Properties of Single Crystal Beryllium (to be known as National Science Foundation Project No. 2531 - New - Department of Mechanical Engineering).
Gross Value - \$29,400.00.

TOTAL - Government Contracts - Federal \$1,475,585.00

2. Industrial and Other Contracts

- a1. Alloy Casting Institute, New York, New York, Investigation of Cast Corrosion (to be known as Alloy Casting Institute Project No. 350 - Amend. #19 - Engineering Experiment Station).
Gross Value - \$22,000.00.
- a2. American Heart Association, New York, New York, Heart Research (to be known as American Heart Association Project No. 1898 - Renewal - Department of Physiological Chemistry).
Gross Value - \$1,000.00.

October 11, 1967 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)

- a3. National Education Association, Washington, D. C. , Language Instruction for the Deaf (to be known as National Education Association Project No. 2096-B - Ext. #2 - Department of Speech).
Gross Value - \$54,545.00.
- a4. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, A Short Range Study of Spiking in Electron Beam Welding of Depleted Uranium (to be known as Union Carbide Corporation Project No. 2199 - Amend. #3 - Department of Welding Engineering).
Gross Value - \$13,720.00.
- a5. University of Alabama, Huntsville Campus, Huntsville, Alabama, Seminar for Space Systems (to be known as University of Alabama Project No. 2465 - Renewal - Defense Management Center).
Gross Value - \$2,180.00.
- a6. Battelle Memorial Institute, Columbus, Ohio, Freshwater Ecology of Amchitka (to be known as Battelle Memorial Institute Project No. 2509 - New - Institute of Polar Studies).
Gross Value - \$23,177.00.
- a7. Northwestern Ohio Heart Association, Inc. , Toledo, Ohio, Behavior of Arterial Vessels in vivo (to be known as Northwestern Ohio Heart Association, Inc. , Project No. 2513 - New - Department of Surgery).
Gross Value - \$5,500.00.
- a8. Petroleum Research Fund, American Chemical Society, Washington, D. C. , Fast Reaction Studies of Elementary Reactions in Organic Liquids (to be known as Petroleum Research Fund Project No. 2520 - New - Department of Chemistry).
Gross Value - \$40,000.00.

TOTAL - Industrial and Other Contracts \$162,122.00

The foregoing fifty-one contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,637,707.00.

Upon motion of Mr. Hilliker, seconded by Mr. France, 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.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from August 25, 1967 through September 25, 1967, 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 record:

1. Industrial Research Contract

EES 305X Foundry Use of Sonic Power, Sonic Motors, Inc.,
Columbus, Ohio.
Gross Value - \$20,700.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since September 14, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors:

A. Received Through the Development Fund

1. \$23,000.00 from the Ohio Lions Club for the Ohio Lions Club Blindness Research Fund.
2. \$15,000.00 from the International Brotherhood of Electrical Workers for the Industrial Arts Visual Aids Fund.
3. \$14,000.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
4. \$7,800.00 from the United States Steel Foundation, Inc., 71 Broadway, New York, New York, for the United States Steel Foundation Fellowship Fund.
5. \$7,000.00 from The Rockefeller Foundation, New York, New York, for support of the Rockefeller Foundation Fellows and Scholars.
6. \$6,000.00--\$5,000.00 from Mrs. William H. Havener and \$1,000.00 from Dr. Robert H. Magnuson for the establishment of The Ohio State University College of Medicine Ophthalmologic Center.

The Ohio State University College of
Medicine Ophthalmologic Center

For the purpose of the establishment, construction, and maintenance of a facility to be known as "The Ohio State University College of Medicine Ophthalmologic Center," a fund has been established through The Ohio State University Development Fund to receive gifts, bequests, grants, etc., from interested individuals.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

6. The Ohio State University College of Medicine Ophthalmologic Center (continued)

The principal and all gifts are to be invested under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the occasion dictates. The purpose of this fund is to provide all or a portion thereof, of the costs of developing, building, equipping, and maintaining a complete ophthalmologic center at the College of Medicine of The Ohio State University. This center is intended to be a teaching facility for medical personnel and students at all levels, to further the effective advancement of knowledge through applied and basic research, and to provide the necessary clinical facilities for the teaching and improvement of methods of eye care. It is anticipated that these facilities will be comparable to the best in the country.

Accrued interest is to be added to the principal until such time as expenditures are required to fulfill the purposes for which this fund is established. At this time, both accrued interest and principal may be used. Expenditures from this fund are to be made following normal University procedures, but must be approved by a committee appointed by the Dean of the College of Medicine and consisting of the Chairman of the Department of Ophthalmology and three ophthalmologists recommended by the Chairman of the Department of Ophthalmology from the faculty of that Department. Appointment to the committee will be by the Dean of the College of Medicine and the committee will report to the Dean. The recommendations of this committee will be subject to the approval of the Dean of the College of Medicine.

7. \$5,300.00 from American Oil Foundation for the American Oil Foundation Fellowship in the Department of Chemistry.
8. \$5,000.00 from Bethlehem Steel Corporation for the Bethlehem Steel Corporation Research Fund in Metallurgical Engineering.
9. \$5,000.00 from Union Carbide Corporation for the Department of Metallurgical Engineering Equipment and Travel Fund.
10. \$4,000.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
11. \$3,000.00 from Miss Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
12. \$3,000.00 from The Upjohn Company for the Upjohn Fellowship in Pharmaceutical Chemistry.
13. \$2,912.83 from Rochdale Student Cooperative, Inc., for the Pinedale-Rochdale Student Fund.

October 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

14. \$2,200.00 from the Charles Y. and Frances N. Lazarus Foundation-- \$1,700.00 for the Graduate Business Programs Fund and \$500.00 for the Charles Y. Lazarus Tuition Fund.
15. \$2,076.17 from Ullery, Vorys, Teteris, Neri & Associates, Inc., for the Medical Research Consultants Fund.
16. \$1,505.00 from Mrs. A. B. (Dolly) Cohen for furnishings in a regular guest room in the Center for Tomorrow.
17. \$1,500.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
18. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.
19. \$1,000.00 from The Scripps-Howard Foundation for the Scripps-Howard Foundation Scholarship Fund.
20. \$1,000.00 from Herbert W. Salter, Sr., M.D., for the Herbert W. Salter Fund for Family Medical Care.

TOTAL - Received Through the Development Fund \$111,294.00

B. Gift-in-Kind

1. A self-propelled irrigation system from Valmont North Central, Inc., for use in the College of Agriculture and Home Economics.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the acceptance of the above gifts and the establishment of The Ohio State University College of Medicine Ophthalmologic Center Fund were approved by unanimous roll call 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 August, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	430	\$ 35,460.46
Individuals other than alumni	107	13,712.36
Nonprofit organizations	28	62,439.22
Business concerns	<u>18</u>	<u>34,633.81</u>
	583	\$146,245.85

October 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund (continued)

Of these gifts, 294 totaling \$4,155.50 were undesignated and 289 totaling \$142,090.35 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. Upham Hall Remodeling (Child Psychiatry Clinic)

This project will provide a child psychiatry out-patient clinic in Upham Hall by remodeling the present in-patient area.

Funds will be provided from Budget Account 801116.

Upon motion of Dr. Thomas, 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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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 contracts were recommended for award. The action reported to the Board was as follows:

A. McCracken Power Plant - Conversion of No. 5 Boiler to Gas

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 9-20-67)		
The Gurina Company (Columbus)	\$ 52,485.00	\$ 63,600.00

Funds for this project are provided from Budget Account 801084 and Budget Account 121658.

October 11, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Fuel Oil System Remodeling - McCracken Power Plant

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 9-29-67)		
Pence Electric Company (Columbus)	\$ 23,942.00	\$ 30,085.00
<u>Mechanical Contract</u>		
(4 bids received 9-29-67)		
Pence Electric Company (Columbus)	49,000.00	49,835.00
<u>Electrical Contract</u>		
(3 bids received 9-29-67)		
American Electric Works, Inc. (Columbus)	8,800.00	12,050.00
<hr/>		
<u>Total All Contracts</u>	<u>\$ 81,742.00</u>	<u>\$ 91,970.00</u>

Funds for this project will be provided from Budget Account 801103.

C. Dodd Hall Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 9-12-67)		
Wagenbrenner Construction Co. (Columbus)	\$ 979,500.00	\$ 796,613.00
<u>Plumbing Contract</u>		
(2 bids received 9-12-67)		
Bruner Corporation (Columbus)	133,569.00	125,000.00
<u>Mechanical Contract</u>		
(2 bids received 9-12-67)		
Limbach Co. (Columbus)	428,000.00	350,497.00
<u>Electrical Contract</u>		
(4 bids received 9-12-67)		
S & S Electric Co. (Columbus)	136,570.00	144,390.00

October 11, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Dodd Hall Addition (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Food Service Equipment Contract</u> (3 bids received 9-12-67)		
Louis R. Polster Co. (Columbus)	\$ 14,709.00	\$ 24,500.00
<u>Total All Contracts</u>	<u>\$1,692,348.00</u>	<u>\$1,441,000.00</u>

Funds will be provided from Item 054, H. B. 886, and a Public Health Service Grant.

Upon motion of Mr. France, 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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VII. CONTROLLING BOARD APPROVALS

Each numbered request accomplishes the following purpose:

University Requests

- 29 Approves the transfer of \$3,385,600.00 from Item 034 Special Research Facilities to Item 046 Horticulture, Forestry, and Food Technology Facility, H. B. 949, so that funds will be available for construction and further approves the award of those contracts where bids were higher than the estimates of cost.
- 1 Approves the expenditure of \$107,419.00 from Item 015 College of Medicine - Land, H. B. 886.
- 2 Approves the release of \$90,231.00 from Item 018 Lima Branch, H. B. 886, for road improvements.
- 3 Approves the release of \$1,794.00 from Item 019, H. B. 886, Mansfield Branch for equipment and contingencies.
- 4 Approves the release of \$3,481.00 from Item 028, Veterinary Clinic and Hospital, H. B. 886, to provide funds for planning.
- 5 Approves the release of \$42,260.00 from Item 031 Biological Sciences, H. B. 886, to provide funds for planning.
- 6 Approves the transfer and release of \$63,627.00 from Item 033 Improvements, Equipment, and Contingencies to Item 007 Engineering Classrooms and Laboratories, H. B. 886, for movable equipment and contingency funds.
- 7 Transfers and releases \$8,474.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 010 Chemistry Research Facilities, H. B. 886.

October 11, 1967 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS (continued)

- 8 Transfers and releases \$81,157.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 011 Electronics Laboratories, H. B. 886.
- 9 Transfers and releases \$153,736.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 012 Systems Engineering Building, H. B. 886.
- 10 Transfers and releases \$6,404.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 014 Pharmacy Building, H. B. 886.
- 11 Transfers and releases \$70,000.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 041 School of Nursing, H. B. 886.
- 12 Transfers \$376,916.00 from Item 003 Improvements, Equipment, and Contingencies, to Item 048 Medical Center Utilities, H. B. 886.
- 13 Transfers and releases \$70,000.00 from Item 033 Improvements, Equipment, and Contingencies to Item 053 Roadway, River Dormitories to King Avenue, H. B. 886, to provide funds for this project.
- 14 Approves the release of \$609,650.00 from Item 034 Special Research Facilities, H. B. 886, for the purchase of land for the Transportation Research Center.
- 15 Transfers and releases \$554.00 from Item 034, H. B. 886, to Item 046 Horticultural and Forestry Building, H. B. 886, to correct an error in the appropriation bill.
- 16 Approves the release of \$420,367.00 from Item 037 General (University) College, Building #1, H. B. 886, for equipment and contingencies.
- 17 Releases \$3,629.00 from Item 039 Newark Branch, H. B. 886, for equipment and contingencies.
- 18 Releases \$34,586.00 from Item 044 Humanities - Language Building, H. B. 886, for fees, contingencies, and miscellaneous charges.
- 19 Releases \$16,556.00 from Item 045 Humanities - Speech Building, H. B. 886, for fees, contingencies, and miscellaneous charges.
- 20 Releases \$271,894.00 from Item 046 Horticultural and Forestry Building, H. B. 886, for equipment and contingencies.
- 21 Releases \$745.00 from Item 054 Dodd Hall Addition, H. B. 886, for fees and miscellaneous charges.
- 22 Transfers and releases \$25,131.00 from Item 005 Wright State University Improvements, Equipment, and Contingencies, to Item 017 The Ohio State University Dayton Branch, Phase II, H. B. 886.

October 11, 1967 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS (continued)

- 23 Approves the award of contracts without further competitive bidding for Medical Center Utilities; transfers \$298,633.00 from Item 016 Medical Complex and \$336,367.00 from Item 043 Basic Science Medical to Item 048 Medical Center Utilities, H. B. 886; and releases \$1,011,916.00 to provide funds for contracts.
- 24 Approves the release of \$5,445,753.00 from Item 043 Basic Science - Medical, H. B. 886, to provide funds for contracts.

Ohio Board of Regents Requests

- 47 Transfers and releases \$144,662.00 from Item 004 Technical Institutes to Item 051 The Ohio State University - General (University) College Building #2, to provide funds for architectural services.
- 49 Approves the transfer and release of \$3,441,530.00 from Item 004 Technical Institutes to Item 037 The Ohio State University - General (University) College, H. B. 949, and approves the award of contracts without further competitive bidding.
- 1 Approves the transfer and release of \$65,806.00 from Item 008 Ohio Board of Regents to Item 039 Ohio State University - Newark Branch, H. B. 886.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Transportation Research Center Management

President Fawcett presented the following resolution:

WHEREAS, the Board of Trustees has authorized the acquisition of property for the Transportation Research Center at its meeting of November 10, 1966; and

WHEREAS, sufficient land has been purchased to require management prior to and after construction of research facilities;

NOW, THEREFORE, BE IT RESOLVED that the Engineering Experiment Station is hereby authorized to manage the acreage, under the advice and direction of the University's Office of Business and Finance. Funds resulting from the land operation are to be deposited in the University Treasurer Operating Fund to be used in the development of the Transportation Research Center.

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

October 11, 1967 meeting, Board of Trustees

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

B. Transportation Research Center, Property Acquisition

President Fawcett presented the following resolution:

WHEREAS, the Board of Trustees has authorized the acquisition of property for the Transportation Research Center at its meeting of November 10, 1966; and

WHEREAS, sixty-eight per cent (68%) of the acreage within the Transportation Research Center has been negotiated, petitioned for appropriation, or purchased;

NOW, THEREFORE, BE IT RESOLVED that the Office of Business and Finance will proceed to complete those property transactions which would result in acquiring properties in the center section and in the northwest triangle to complete a contiguous land area functionally usable for Transportation Research purposes by the Engineering Experiment Station, within the limits of the \$2,000,000 budget; and

BE IT FURTHER RESOLVED that the Office of Business and Finance will proceed to negotiate, if possible, within the \$2,000,000 budget, two-year options with an additional two-year renewal right on all properties located in the upper northeast corner, east of the line running north to south along the east line of the Barrett, No. 39, Moore, No. 40, Devault, No. 41, Johnston, No. 51, and Comstock, No. 55, properties, plus the remaining properties located in the extreme southeastern portion, all of these being within the area of the Transportation Research Center.

Upon motion of Mr. France, seconded by Dr. Thomas, the above resolution was adopted by unanimous roll call vote.

C. Marion Campus, Easement for Ohio Edison Company

The Ohio Edison Company has requested a pole line easement on State of Ohio lands that have been designated for the use of The Ohio State University Marion Branch. The pole line will provide electricity to the Marion Campus.

President Fawcett recommended that a pole line easement, within the existing 10' easement previously granted to the General Telephone Company, be granted to the Ohio Edison 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 electric service to the Marion Campus.

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

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October 11, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Charles E. Dryden, Professor in the Department of Chemical Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Charles E. Dryden

The Board of Trustees expresses its sorrow at the death on September 23, 1967, of Charles E. Dryden, Professor in the Department of Chemical Engineering.

Dr. Dryden was born in Hagerstown, Maryland, on October 15, 1917. He received his B. Ch. E. degree from Drexel Institute of Technology in 1939, his M.Sc. degree from Princeton University in 1942, and his Ph.D. degree from The Ohio State University in 1951. After he received his degree from Princeton, he worked as a chemical engineer at the Silmo Corporation, M. W. Kellogg Co., Nopco Chemical Corporation, General Electric Nuclear Division, E. I. DuPont deNemours, and Battelle Memorial Institute.

Dr. Dryden had a very colorful career as a chemical engineer in industry and as a teacher. He joined the faculty at The Ohio State University in the Department of Chemical Engineering in 1955.

Dr. Dryden was a member of the American Institute of Chemical Engineers, American Society of Engineering Education - Nuclear Division, and American Chemical Society. He served on many important national committees of the American Institute of Chemical Engineers.

The Distinguished Alumni Award was presented to Dr. Dryden by Drexel Institute at their 75th Anniversary. He was elected to all the honorary societies involving chemical engineering and chemistry. He was chosen to give the A. S. Mudlair Lectures at the University of Madras, India. In competition with over 100 engineers from the State of Ohio, he received the highest grade for chemical engineering in the professional engineer's examination in 1950.

Dr. Dryden was chosen to head the chemical engineering department at the Indian Institute of Technology, Kanpur, India. This appointment was in connection with the Kanpur Indo-American program which is a group effort of a consortium of nine universities. The Ohio State University is one of the nine. During his stay in India he authored the book, Outline of Chemical Technology, in 1964. This book was revised and finally published in hard back cover form. The book was adopted by many schools in India and it is now in its second printing. The royalties from this book were donated to the University for undergraduate scholarships and a design award which is awarded to the two best design solutions for students in the fifth year. The award is now known as the "Dr. Dryden Design Award."

October 11, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Charles E. Dryden (continued)

Dr. Dryden was one of the country's outstanding engineers and as a teacher he did a magnanimous job. He enjoyed a close personal relationship with all of his students and left an imprint on all of them. He has over fifty publications including four books. He has been granted four patents.

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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X. REPORTS

A. Report from the President

President Fawcett presented the following statement relating to the labor relations problem with the American Federation of State, County and Municipal Employees, Local 138:

As members of the Board know, The American Federation of State, County and Municipal Employees, Local 138, struck the University on Thursday morning, October 5, 1967. The strike ended on Monday, October 9, 1967.

Prior to, during and following the strike the University received full and complete support from the Office of the Attorney General, through its Special Legal Counsel, Mr. Huntington Carlile, who sat with representatives of the University and representatives of the Union in a long series of discussions that were designed to avert the kind of disruption the University experienced during the period indicated above.

In a final effort to avert the strike, the University invited the Union on September 28, to discuss further those matters which appeared to be critical in the minds of Union leadership which was representing about 1,600 or 1,700 University employees out of 6,760 classified and equivalent people.

While the Union first declined our invitation, it was agreed later that the two groups would convene on Wednesday, October 4, with the understanding that our representatives would be accompanied by Vice Presidents Corbally and Carson, who would be available to explain in depth University budgeting procedures and such other matters as might lead to resolution of those problems that the Union felt were unresolved. On the morning of October 4, the University representatives proceeded in good faith to explain University budgeting procedures and expressed a willingness to

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

continue these discussions as long as needed. The meeting recessed until 2:00 o'clock in the afternoon, during which period University representatives put together the substance of a proposal that it intended to develop in the interest of all University employees. When the group reconvened in the afternoon, Union representatives indicated that the settlement achieved at Ohio University represented their minimum demands and that these demands were not subject to any further modification. Briefly stated, these demands consisted of a one-step salary increase, effective January 1, 1968, free parking, free meals for food service employees, Blue Cross-Blue Shield benefits effective January 1, 1968, and final and binding arbitration as a part of a grievance procedure. If the University had granted this request, the cost for classified and equivalent employees on the one-step basis would have been approximately \$3.9 million, an amount of money not available within the context of this institution's resources during the 1967-68 fiscal year.

University representatives reported that they had returned to the discussion table with a proposal that was permissible within the limits of the Attorney General's Opinion 67-087 and limited available resources.

Union representatives listened to the University proposal which included group life insurance, accidental death and dismemberment and major medical insurance, a revision in the University's grievance procedures to accommodate some of the requests made by the Union but which were within the context of the meaning of the Attorney General's Opinion and an opportunity to conduct a wage and salary study that could lead to the elimination of certain inequities and that could be funded within the limits of available resources.

The Union representatives refused to discuss our proposal, left the room and announced that the strike would begin at 12:01 A. M. on October 5 as planned.

On the morning of October 5, 1967, the University, upon the advice of legal counsel, proceeded to take such legal steps as necessary and did indeed get a mandatory injunction directing the Union to terminate the strike and ordering the employees to return to work. The Union decided to defy the Court Order and appealed the decision to the Franklin County Court of Appeals whereupon the Attorney General's Office of Ohio secured a Writ of Prohibition on Saturday, October 7, and plans were made to press in the Common Pleas Court contempt charges at 1:30 P. M. on Monday, October 9.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

For reasons that are too long to enumerate here, the University decided on Saturday, October 7, to explore the possibilities of having its representatives meet again with the representatives of the Union to examine in greater depth the nature of the proposal that University representatives had hoped could be discussed on Wednesday, October 4, when the Union broke off the discussions. The invitation was accepted and University representatives met again with Union representatives on Sunday evening, October 8, out of which discussions evolved the termination of the strike.

Let me summarize the discussions:

The University will amend the University grievance procedure that applies to all employees so that union employees and all employees can have representation at all levels. Arbitration of an advisory nature is to be a fifth step in the six-step procedure for resolving grievances, but arbitration is not binding nor can a union speak for anyone other than the members of its organization. Additionally, the University will, under reasonable rules and limitations for the number of people and the hours spent, pay for the time spent in processing and handling grievances.

There is to be no change in fees charged for parking, but the University will discuss with the Union and other groups on this campus, as it always does, any proposed increase in parking fees.

In accordance with HB 470 that has been effective since September 15, 1967, the University is pledged to extend its group life insurance, accidental death and dismemberment insurance and major medical insurance to all employees along the same lines as it has provided for its professional staff in the past. This change should be effective at the earliest possible date and will be funded this year through a reduction in University wide equipment allocations.

Since major medical insurance does not always provide adequate protection for employees in the lowest salary and wage classifications, the University will provide Blue Cross and Blue Shield for all employees of the University, including members of the Union, if the rate of pay of the employee is less than \$5,000 per year. This change will be effective July 1, 1968, when resources are available to cover it.

The nominal charge for meals to food service employees who have been getting this concession has been set at 15¢ per meal.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

The University, representing all employees, and the Union, representing its members, will conduct scientific internal and external job evaluation wage and salary studies to determine such inequities as may exist for individuals and groups. The University will request the State Compensation Board to approve, effective January 1, 1968, such adjustments as may need to be made and can be made within available University resources and within the confines of Ohio law.

The checkoff of Union dues will continue in accordance with existing procedures.

The above points represented substantially the University's position prior to the strike, and have application to all employees.

I want to commend the students for the calmness they maintained during the course of the strike and for the services they rendered. I want, particularly, to commend all of those employees who loyally stood with the University during this interruption of work and kept this institution in operation in support of the educational programs that we are providing for our students.

Finally, I would commend, particularly, Mr. Robert E. Walsh, Director of Employee Relations, Vice Presidents Corbally and Carson and Mr. Huntington Carlile, who represented the University so effectively in resolving this dispute.

Trustee James W. Shocknessy commented as follows regarding the above report by President Fawcett:

It should be emphasized that this Board which serves as the governing board of this University has not recognized any group as an exclusive bargaining agent for the employees of The Ohio State University. In the President's remarks he spoke of action taken by the University. It should be understood that the President was speaking for himself and other officers of the University and that whatever action those officers have taken was in good faith and has been generally well received. I want it understood that this Board of Trustees has not recognized any exclusive bargaining agency. The law applicable to employment and to organizations of employees has been illuminated by the Attorney General of Ohio in an opinion which the President cited in his statement. This Board does not understand and would not understand that any person employed by the University would be required to belong to any organization.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

Further, I want it understood that as a member of this Board I do not construe anything that has taken place to mean that any person or organization speaks for all of the employees of the University. The group referred to in the President's report speaks only for those employees which it actually represents. The University, as the President used the term, has not bargained for the Board of Trustees. This Board was not provided with a copy of the so-called "Joint Statement" that was issued under the name of Ohio State University News and Information Service on October 9, 1967. I would not want our acceptance of the President's report to indicate our approval of the so-called "Joint Statement" which this Board did not see before it was issued.

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting on September 15, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on September 15, 1967:

- (1) Awarded to The Ohio State University ten Regents' Professorships for 1967-68 on behalf of the following members of the faculty:
 - (a) Dr. Melvin S. Newman, Professor of Chemistry
 - (b) Dr. Melville L. Wolfrom, Professor of Chemistry
 - (c) Dr. Robert M. Zollinger, Professor of Surgery
 - (d) Dr. Morgan L. Allison, Professor of Dental Surgery
 - (e) Dr. John W. Black, Professor of Speech
 - (f) Dr. Glenn A. Fry, Professor of Optometry
 - (g) Dr. Oskar Seidlin, Professor of German
 - (h) Dr. Clarence R. Cole, Professor of Veterinary Pathology
 - (i) Dr. Mars G. Fontana, Professor of Metallurgical Engineering
 - (j) Dr. Robert C. McMaster, Professor of Welding Engineering and of Electrical Engineering

The first eight Regents' Professors named above are renewals from 1966-67. Pursuant to the above action, The Ohio State University will receive a supplemental appropriation of State funds in the amount of \$250,000.00 to support the above Regents' Professorships.

- (2) Approved a special purpose appropriation to The Ohio State University in the amount of \$1,400,000.00 for the fiscal year 1967-68 for research and public service whereby The Ohio State University will support the following activities in the amount indicated and will provide appropriate arrangements for the participation of other state universities in these activities:

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting on September 15, 1967 (continued)

(a) Teacher Education Improvement Program	\$250,000.00
(b) State-Wide Business Research Program, including publication of a periodic business review	250,000.00
(c) Support and Development of the Hydro- biology Laboratory	300,000.00
(d) Establishment of an Office of Instructional Development and publication of the <u>Journal of Higher Education</u>	250,000.00
(e) Development of a High Energy Physics Laboratory and Program	150,000.00
(f) Development of a Central Library Services Program	100,000.00
(g) Development of a Central Time-Sharing Computer Program	100,000.00

Upon motion of Mr. France, seconded by Dr. Thomas, the above report was accepted by unanimous voice vote.

C. Highlights of University Activities

Among the highlights of University activities, a copy of which is placed on file with the records of the University, President Fawcett advised the Board of Trustees:

1. That as of October 11, 1967, 42,893 students have paid fees for the Autumn Quarter--an increase of 1,686 over the 41,207 final enrollment for the Autumn Quarter, 1966. A breakdown of the total enrollment is as follows:

Columbus Campus Enrollment	39,040
(An increase of 1,556 over last year)	
Columbus Campus Undergraduate Enrollment	29,452
(An increase of 877 over last year)	
Graduate Student Enrollment	6,669
(An increase of 301 over last year)	
Professional Student Enrollment	3,288
Branch Campuses Enrollment	3,361
(An increase of 270 over last year)	
New Freshmen on Columbus Campus	6,940
New Freshmen on Branch Campuses	1,554

On the Columbus Campus, 25.2 per cent of the enrollment is graduate and professional students.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Highlights of University Activities (continued)

2. That the University ranked 10th among all of the nation's universities and third among Big Ten institutions in the amount of federal support received during the 1966 fiscal year.

According to a new National Science Foundation report compiled for the Federal Council for Science and Technology's Committee on Academic Science and Engineering, Ohio State received \$39,025,000 from various federal agencies during 1966.

Ohio State moved to the 10th place ranking from a position of 19th nationally which it held in each of the fiscal years, 1963 through 1965.

D. Introduction of the Director of Alumni Affairs

President Fawcett introduced Dr. Richard M. Mall, the newly appointed Director of Alumni Affairs for The Ohio State University Association. Dr. Mall expressed his appreciation for the opportunity to meet the Board of Trustees and to let them know that there is a new regime in the Alumni Association--one that is committed to carrying on programs which are in the best interests of the University. He indicated that the Alumni Association wanted to have a good working relationship--one that is thoroughly integrated with the total effort of the University. He stated further that although the Association is a separate and autonomous group, which autonomy it will preserve, it is our commitment to work as closely as we can with the administration and the Board of Trustees of the University. We of the Alumni Association invite you to ask questions of us directly or through any channels and to give us the opportunity from time to time to ask questions of you.

The Vice Chairman, Mr. Bricker, expressed appreciation to Dr. Mall for his gracious comments and extended to him best wishes on behalf of the Board of Trustees.

E. Reports from the Finance and Investment Committee

1. Insurance Program for Faculty, Staff, and All Regular Employees

Mr. Mervin B. France, Chairman of the Finance and Investment Committee, presented on behalf of the Committee the following resolutions amending the insurance program for the Faculty, Staff, and All Regular Employees of The Ohio State University and moved that they be adopted:

BE IT RESOLVED, by the Board of Trustees of The Ohio State University, that the action taken by the Board on September 14, 1967 regarding the insurance program for faculty, staff and all regular employees be amended, effective for all purposes as of November 1, 1967, to include the following changes:

X. REPORTS (continued)

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

1. Insurance Program for Faculty, Staff, and All Regular Employees
(continued)

Classified and Hourly Employees

- (a) Group Life Insurance Program - The amounts of life insurance for active regular classified and hourly employees be increased, provided the employee is on the effective date actively at work, otherwise on the date of his return to active work, to 2-1/2 times regular annual compensation to the nearest dollar, or \$7,500, whichever is greater. The amount of life insurance of an insured active classified or hourly employee who has attained age 55 shall be reduced in accordance with the following formula, except in no event shall the insurance of an insured active person be reduced because of age by an amount greater than \$13,500.

The reduction in the amount of life insurance (to the nearest dollar) equals 3% times the number of September 30ths coincident with or since the active employee's 55th birthday times the amount of insurance which would be effective under the plan without the required reduction. The initial reduction in amount of insurance shall be effective at midnight on the September 30th coincident with or next following the attainment of age 55 and the amount of insurance will be further reduced at midnight on each September 30th thereafter.

"Annual Compensation" shall be determined once each year as of October 1 and shall mean the employee's regular hourly wage rate or salary on such October 1, multiplied by the number of hours worked by the employee during the twelve months preceding such October 1, not in any case to exceed 2080 hours. For employees hired on or after October 1 each year or for employees with less than twelve full months of service as of October 1 of each year, "Annual Compensation" shall be determined by multiplying said employee's average weekly wage during the partial year worked, as determined by the University, times 52 weeks.

- (b) Accidental Death and Dismemberment Insurance - The amount of accidental death and dismemberment insurance to be equal to the amount of life insurance by increasing the accidental death and dismemberment schedule for active regular classified and hourly employees to 2-1/2 times annual compensation. The new schedule would be identical to the new life schedule including reductions after age 55.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Insurance Program for Faculty, Staff, and All Regular Employees (continued)

- (c) Contributions - The Ohio State University shall provide and pay the full cost of the group life insurance, accidental death and dismemberment insurance and major medical insurance under the University's group insurance program as amended for all active regular classified and hourly employees provided the employee is, on November 1, 1967, actively at work, otherwise on the date of his return to active work.

With respect to the major medical insurance, the University shall pay the cost of such insurance for the active employee and also the cost of said major medical benefits for the eligible dependents of such active employee.

AND BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the action of the Board on September 14, 1967 regarding the issuance of separate group insurance contracts by the carrier to insure classified and hourly employees and the amending of the in-force group insurance contracts covering various classifications of University employees to exclude classified and hourly employees from coverage thereunder be hereby amended to be effective November 1, 1967.

Mr. William Safford seconded the motion that the above resolutions be adopted.

Before voting, Mr. Shocknessy stated that "It should be understood that the resolutions which have been recommended by the Finance and Investment Committee of the Board of Trustees of which I am a member are presented on behalf of this Board pursuant to State law (H. B. 470) which law became effective September 15, 1967, and that the action proposed in the resolutions could not have been taken by this Board at any previous regular meeting and further the adoption of these resolutions is not in any way related to recent events."

Upon a roll call, the above resolutions amending the insurance program for faculty, staff, and all regular employees were adopted by a unanimous affirmative vote.

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated September 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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October 11, 1967 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, November 9, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 9, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, November 9, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Bertram D. Thomas, Acting Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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November 9, 1967 meeting, Board of Trustees

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, and a unanimous vote of the Board of Trustees, Dr. Bertram D. Thomas was designated to serve as Acting Chairman of the Board of Trustees during the disability of the Chairman, Mr. Stanley C. Allyn, and the Vice Chairman, Mr. John W. Bricker; and Dr. Thomas was authorized to take such action as is necessary with respect to the minutes of the last meeting of said Board.

In the interest of clarification and pursuant to the adoption of the resolution by the Board of Trustees that the new academic units--the Colleges of the Arts and Sciences and the College of Administrative Science--be created effective January 1, 1968, the minutes of the October 11, 1967 meeting were corrected to record that the now existing College of Arts and Sciences and the College of Commerce and Administration be dissolved, effective January 1, 1968.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendments to Rules for the University Faculty

The Faculty Council on October 3, 1967, upon the recommendation of the Rules Committee of the Council approved certain amendments to the Rules for the University Faculty which would bring said Rules into conformity with previous actions taken by the Faculty Council and the Board of Trustees. The amendments referred to above may be summarized as follows:

1. Amendments to Rules pertaining to titles of principal administrators in the Office of Student Relations necessary to accommodate the changes in titles previously approved by the Board of Trustees for those persons appointed to succeed Dean of Men, Mylin H. Ross, and Dean of Women, Christine Y. Conaway. The Rules for the University Faculty affected by these changes are as follows: Rules 11.1106, 29.2709, 41.15, 45.03, 53.0701, and 53.0703. Rules 11.1301 and 11.1303 have been deleted.
2. Amendments to various Rules which provide for graduate student representation on certain University councils and committees. The Rules for the University Faculty affected by these changes are as follows: Rules 27.2701, 29.01, 29.2705, 29.2721, 53.0705 (a new rule), and 54.05.
3. Amendments to Rules pertaining to the administration of the Mershon Center for Education in National Security necessary to conform with the action of the Board of Trustees creating the position of Provost. The Rules for the University Faculty affected by these changes are as follows: 13.11 and 29.2719.

November 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Amendments to Rules for the University Faculty (continued)

4. Amendments to Rules pertaining to the organization and membership of the Council on Research. These amendments include the change in name from "Council on Research" to the "Research Council." The Rules for the University Faculty affected by these changes are as follows: 13.09 and 29.2707.
5. Amendments to Rules pertaining to the distribution of membership on the Faculty Council which amendments will provide for more equitable apportionment of the academic disciplines and accommodate the academic reorganization of the University as adopted by the Board of Trustees at the meeting on October 11, 1967. The Rules for the University Faculty affected by these changes are as follows: 29.01, 29.03, and 29.2713. Rules 29.05 and 29.07 have been deleted.

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 II, page 337.

Upon motion of Mr. Jones, seconded by Mr. Hilliker, the above recommendations were approved by unanimous voice vote.

B. Proposal for the Establishment of New Undergraduate and Graduate Degree Programs in Computer and Information Science Which Lead to the Degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy

The Faculty Council on October 10, 1967, 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 computer and information science be authorized as follows:

1. Undergraduate program leading to the degree, Bachelor of Science in Computer and Information Science; and
2. Graduate programs leading to the degrees, Master of Science and Doctor of Philosophy.

The Dean of the College of Engineering, with the concurrence of the Vice President for Academic Affairs and the Council on Academic Affairs, has created an administrative unit designated as the Division of Computer and Information Science within the College of Engineering. This Division has administrative and technical autonomy similar to that of the Departments within the College.

I. GENERAL RECOMMENDATIONS (continued)

B. Proposal for the Establishment of New Undergraduate and Graduate Degree Programs in Computer and Information Science Which Lead to the Degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy (continued)

Computer and information science deals, on the one hand, with the body of knowledge concerned with the quantitative relationships, concepts, theory, and methods common to the processing and utilization of information in different fields, and on the other hand, with theory and operations of the automatic equipment and systems used to process such information. Common properties of information are induced logically by the study, in part, of specific areas of science and technology which have a concern with the handling of information. Information is defined as data of value in decision making.

This program is designed to give the student a basic background in mathematics; a practical and theoretical knowledge of computer and information science; and a broad familiarity with a number of different areas which contribute to computer and information science.

Admission to the graduate program includes a Bachelor's Degree in Computer and Information Science or another discipline contributing to this field, a good background in mathematics, and computer programming.

The Master's program includes three options designed to (1) provide a broad foundation for continued graduate work to the Ph. D. , (2) provide a sufficient background for a student to enter or continue professional practice in information systems, or (3) provide adequate preparation for students specializing in computer systems.

For entrance into the program leading to the degree, Doctor of Philosophy, a student must hold a Master's Degree in Computer and Information Science or its equivalent, and must have demonstrated outstanding scholastic ability in earlier graduate work. The requirements leading to the degree, Doctor of Philosophy, are flexible and will be tailored to the particular background and interests of the individual student.

President Fawcett recommended that the above proposal to establish new undergraduate and graduate programs in computer and information science leading to the degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal for the new programs and degrees be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Winter Quarter, 1968.

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

November 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal for Revised Curriculum Leading to the Degree of Bachelor of Science in Architecture

The Faculty Council on October 10, 1967, 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 of Bachelor of Science in Architecture be adopted, effective Summer Quarter, 1968.

The proposal requested that the present five-year program in the School of Architecture which leads to the degree, Bachelor of Architecture, be replaced with a four-year program leading to the degree, Bachelor of Science in Architecture.

For more than 30 years, the five-year Bachelor of Architecture degree has been the only degree recognized nationally for accreditation and licensure in the field of architecture. However, as a result of intensive study and major changes in the field by professional architectural groups, a revised pattern of emphasis and reorganization of collegiate education in architecture has been recommended. The new pattern calls for the creation of a four-year program leading to the degree, Bachelor of Science in Architecture, followed by a one-year organized internship and a two-year master's program leading to the degree, Master of Architecture. The master's degree will then become the first professional degree recognized for accreditation and licensure by the profession.

The present program and degree will be phased out by the end of 1971-72, and in the interim, qualified students will be given the choice of working for either the Bachelor of Architecture or the Bachelor of Science in Architecture.

President Fawcett recommended that the above proposal for revising the curriculum in the School of Architecture be approved.

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

D. Naming of Buildings

Upon the proposal of Dean Harold A. Bolz, College of Engineering, and with the concurrence of the President's Cabinet, President Fawcett recommended that the building now under construction at 2015 Neil Avenue be officially named "Electronics Laboratory," and that the building now under construction at 1971 Neil Avenue be officially named "Systems Engineering Building."

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

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November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the October 11, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Appointments and Leaves of Absence With Salary:

A. Appointments

George Orville Johnson, Professor, School of Education, effective January 1, 1968, at a salary of \$18,768.00 per annum.

Franklin Robert Greeneisen, Administrative Assistant, Engineering Experiment Station, effective November 16, 1967, at a salary of \$11,868.00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Charles D. McGrew, Professor (Extension Specialist, Dairy Science), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

W. A. Stephen, Professor (Extension Specialist, Apiculture), effective October 1, 1967 through December 31, 1967, to participate in a program of professional improvement at Ontario Agricultural College, Guelph, Ontario.

Anita McCormick, Associate Professor (Assistant State Leader, Home Economics), effective September 1, 1967 through January 15, 1968, to participate in a program of professional improvement at North Carolina State University.

Charles I. Archer, Instructor (Area Extension Agent, 4-H), effective January 1, 1968 through May 31, 1968, to participate in a program of professional improvement at Colorado State University.

Jane V. Barton, Instructor (County Extension Agent, Home Economics), effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Bryson R. Carter, Instructor (County Extension Agent, Agriculture), effective January 1, 1968 through April 15, 1968, to participate in a program of professional improvement at West Virginia University.

November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

Gloria Cleland, Instructor (County Extension Agent, Home Economics), effective August 16, 1967 through November 15, 1967, to participate in a program of professional improvement at the University of Maryland.

Robert S. Crawford, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Robert H. Groves, Instructor (Area Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

James R. Helt, Instructor (Area Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Paul Hothem, Instructor (County Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Paul C. Leidheiser, Instructor (District Supervisor), effective October 1, 1967 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Robert B. Lewis, Instructor (County Extension Agent, 4-H), effective September 16, 1967 through November 30, 1967, to participate in a program of professional improvement at North Carolina State University.

Charles W. Lifer, Instructor (Area Extension Agent, Resource Development), effective October 1, 1967 through February 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Glenn E. Maddy, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

John D. Ruoff, Instructor (County Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

William M. Shaw, Instructor (Area Extension Agent, Community Resource Development), effective October 1, 1967 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Appointments, Leaves of Absence With 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. 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Myocardial Metabolism of Hypothermia (to be known as National Institutes of Health Project No. 1100-F - Sup. #1 - Department of Surgery).
Gross Value - \$9,140.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phytochemistry of Genus Thalictum (to be known as National Institutes of Health Project No. 1497-E - Ext. #5 - College of Pharmacy).
Gross Value - \$18,253.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571-E - Ext. #5 - Department of Biochemistry).
Gross Value - \$23,720.00.
- a4. Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688-D - Change #4 - Department of Speech).
Gross Value - \$15,000.00.
- a5. 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-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$14,817.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Medicinal Chemical Aspects of the Gem-Dialkyl Effect (to be known as National Institutes of Health Project No. 1992-B - Ext. #2 - College of Pharmacy).
Gross Value - \$21,282.00.
- a7. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Order on Energy Levels in Sensitizers (to be known as National Institutes of Health Project No. 2092-B - Ext. #2 - Department of Physics).
Gross Value - \$16,912.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2140 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.

November 9, 1967 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)

- a9. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study of Spatial Laser Beam Modulation and Filtering to Counteract Undesired Propagation Effects (to be known as Systems Engineering Group, Research and Technology Division Project No. 2156 - C. O. #3 - Department of Electrical Engineering).
Gross Value - \$50,150.00.
- a10. Department of State, Agency for International Development, Washington, D. C., Technical Assistance in the Development of a National Plan for Human Resources in Equador (to be known as Agency for International Development Project No. 2158 - Amend. #7 - Department of Economics).
Gross Value - \$30,000.00.
- a11. Department of 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. #2 - Department of Mechanical Engineering).
Gross Value - \$40,479.00.
- a12. Department of Health, Education, and Welfare, U. S. Office of Education, Washington, D. C., A Proposal to Encourage the Full Utilization of Educational Talent in Several Ohio High Schools (to be known as U. S. Office of Education Project No. 2271 - Amend. #1 - School of Education and Department of Psychology).
Gross Value - \$43,000.00.
- a13. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, The Study of the Reaction Kinetics of Hydrogen-Air Mixtures (to be known as Systems Engineering Group, Research and Technology Division Project No. 2273 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,998.00.
- a14. Department of 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. 2303 - Amend. A - Department of Physics).
Gross Value - \$31,302.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a15. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2414 - Amend. #3 - Research Foundation Internal Supervision).
Gross Value - \$25,000.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, For Contributive Research for the Physical and Engineering Sciences (to be known as Systems Engineering Group, Research and Technology Division Project No. 2443 - Amend. #3 - Research Foundation Internal Supervision).
Gross Value - \$70,000.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Preparing Educational Specialists for the Health Professions (to be known as National Institutes of Health Project No. 2526 - New - College of Medicine and School of Education).
Gross Value - \$76,380.00.
- a18. Systems Engineering Group, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Development of Continuing Education Programs for Wright-Patterson Air Force Base Personnel (to be known as Systems Engineering Group, Air Force Systems Command Project No. 2546 - New - College of Commerce and Administration, Continuing Education and Department of Electrical Engineering).
Gross Value - \$20,200.00.
- a19. U. S. Department of Commerce, National Bureau of Standards, Washington, D. C., Research on the Impact on Social Interaction and Group Substructure of Variations in Space Patterns and Population Density (to be known as National Bureau of Standards Project No. 2551 - New - School of Architecture and School of Social Work).
Gross Value - \$2,500.00.
- a20. National Science Foundation, Washington, D. C., Control of the Adrenal Cortex in the Opossum (to be known as National Science Foundation Project No. 2553 - New - Department of Physiology).
Gross Value - \$28,300.00.

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. , Biosynthesis of the Aglycones of Thioglucosides (to be known as National Science Foundation Project No. 2554 - New - Department of Biochemistry).
Gross Value - \$38,300.00.

TOTAL - Government Contracts - Federal \$581,933.00

2. Industrial and Other Contracts

- a1. Health Research, Inc. , Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Ck. No. 060740 - Department of Surgery).
Gross Value - \$775.00.
- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, To Edit and Ready for Publication New Volumes of the Works of Nathaniel Hawthorne (to be known as Modern Language Association of America Project No. 2338-A - Sponsor Letter - Department of English).
Gross Value - \$25,800.00.
- a3. Miami Valley Heart Chapter, Greene County Branch, Xenia, Ohio, The Influence of Sympathetic Mediators on the Susceptibility of Cardiac Arrhythmias (to be known as Miami Valley Heart Chapter Project No. 2416 - Sponsor Letter - Department of Pharmacology).
Gross Value - \$1,500.00.
- a4. Petroleum Research Fund, American Chemical Society, Washington, D. C. , Steady-State Methods of Studying Electron Transfer Processes (to be known as Petroleum Research Fund Project No. 2533 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- a5. Central Ohio Heart Association, Inc. , Columbus, Ohio, Coronary Care Unit Training for Nurses (to be known as Central Ohio Heart Association, Inc. Project No. 2534 - New - Department of Medicine).
Gross Value - \$12,973.00.
- a6. Central Ohio Heart Association, Inc. , Columbus, Ohio, Role and Actions of Cardiac Nerves in Man (to be known as Central Ohio Heart Association, Inc. Project No. 2535 - New - Department of Medicine).
Gross Value - \$7,155.00.

November 9, 1967 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)

- a7. Central Ohio Heart Association, Inc., Columbus, Ohio, Biochemical Basis of the Humoral Control of Myocardial Energy Metabolism (to be known as Central Ohio Heart Association, Inc. Project No. 2536 - New - Department of Medicine).
Gross Value - \$7,157.00.
- a8. Central Ohio Heart Association, Inc., Columbus, Ohio, Laboratory Studies of a Cardiac Pacemaker of New Circuitry (to be known as Central Ohio Heart Association Inc. Project No. 2537 - New - Department of Surgery).
Gross Value - \$5,372.00.
- a9. Central Ohio Heart Association, Inc., Columbus, Ohio, The Autoradiographic Localization of Cardiovascular Drugs in the Fine Structure of the Myocardium by Electron Microscopy (to be known as Central Ohio Heart Association, Inc. Project No. 2538 - New - Department of Pharmacology).
Gross Value - \$7,500.00.
- a10. Central Ohio Heart Association, Inc., Columbus, Ohio, The Uptake of Radio-labeled Cardiac Drugs by the Sarcotubuler Membrane (to be known as Central Ohio Heart Association, Inc. Project No. 2539 - New - Department of Pharmacology).
Gross Value - \$7,560.00.
- a11. Central Ohio Heart Association, Inc., Columbus, Ohio, 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. 2540 - New - Department of Medicine).
Gross Value - \$7,035.00.
- a12. Central Ohio Heart Association, Inc., Columbus, Ohio, The Influence of Myocardial Revascularization Procedures Upon Ventricular Function (to be known as Central Ohio Heart Association, Inc. Project No. 2541 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a13. Central Ohio Heart Association, Inc., Columbus, Ohio, The Pathologic Physiology of Myocardial Infarction (to be known as Central Ohio Heart Association, Inc. Project No. 2542 - New - Department of Medicine).
Gross Value - \$6,133.00.

November 9, 1967 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)

- a14. Central Ohio Heart Association, Inc., Columbus, Ohio, The Interaction of Hydrogen Ions, Norepinephine, and Acetylcholine in Relation to Myocardial Performance (to be known as Central Ohio Heart Association, Inc. Project No. 2543 - New - Department of Physiology).
Gross Value - \$5,250.00.
- a15. Central Ohio Heart Association, Inc., Columbus, Ohio, Coagulation Rebound Postanticoagulant Therapy (to be known as Central Ohio Heart Association, Inc. Project No. 2544 - New - Department of Medicine).
Gross Value - \$7,470.00.
- a16. Central Ohio Heart Association, Inc., Columbus, Ohio, A Study of the Size of Systemic-Pulmonary Shunts in Relation to Body Surface Area (to be known as Central Ohio Heart Association, Inc. Project No. 2545 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a17. Petroleum Research Fund, American Chemical Society, Washington, D. C., Molecular Spectra of Transient Species in the Gas Phase (to be known as Petroleum Research Fund Project No. 2547 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- a18. University of Kansas Research Center, Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Appays (to be known as University of Kansas Research Center Project No. 2552 - New - Department of Electrical Engineering).
Gross Value - \$14,837.00.

TOTAL - Industrial and Other Contracts \$141,517.00

The foregoing thirty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$723,450.00.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, 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.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from September 26, 1967 through October 24, 1967, 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 293X Stripping in Hot Mix Sand Asphalt Mixture, The Uni-
Ext. #1 versity of Florida, Gainesville, Florida.
Gross Value - \$17,430.00.

SC 60 Professional Advisory Service Center, Office of Civil
Ext. #1 Defense, Washington, D. C.
Gross Value - \$45,500.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$62,930.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since October 11, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Received Through the Development Fund

1. \$50,000.00 from the Estate of Miss Helen C. Kennedy for the Institute for Research in Vision.
2. \$9,300.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
3. \$9,000.00 from the Ohio Electric Utility Institute for the Ohio Electric Utility Institute Fellowship Fund in the Department of Electrical Engineering.
4. \$8,100.00 from Sears-Roebuck Foundation--\$5,100.00 for the Sears-Roebuck Foundation Scholarship Fund and \$3,000.00 for the Center for Vocational and Technical Education.
5. \$7,127.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.

November 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

6. \$5,500.00 from National Steel Foundation, Weirton, West Virginia, for the National Steel Foundation Fellowship in Metallurgical Engineering.
7. \$5,289.00 from the Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
8. \$5,000.00 from Shell Companies Foundation, Inc., New York, New York, for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
9. \$4,783.00 from Owens-Illinois, Inc. for the Owens-Illinois Scholarship Fund.
10. \$4,068.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
11. \$4,000.00 from Inland Steel-Ryerson Foundation, Inc. for the Inland Steel-Ryerson Foundation Fellowship Fund.
12. \$4,000.00 from Chrysler Corporation Fund for the Chrysler Corporation Fellowship Fund.
13. \$3,770.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
14. \$2,500.00 from the Bristol Laboratories for the Arthritis and Rheumatism Foundation.
15. \$2,500.00 from the Kent Foundation (Mrs. Ralph E. Kent) for the Presidents Club Fund.
16. \$2,076.17 from Ullery, Vorys, Teteris, Neri & Associates, Inc. for the Medical Research Consultants Fund.
17. \$1,900.00 from the G. D. Searle & Co., Chicago, Illinois, for the G. D. Searle & Co. Research in Medicine Fund.
18. \$1,500.00 from Ronald W. Thompson, Cleveland, Ohio, for the Ronald W. Thompson Fund for Engineering.
19. \$1,250.00 from J. T. Edwards Company Foundation, Inc., (David A. Edwards)--\$500.00 for the J. T. Edwards Company Scholarship Fund, \$150.00 for the Student Athlete Grant-in-Aid Fund, and \$600.00 as an undesignated gift to the University.
20. \$1,000.00 from John Dana Cole for the John Dana Cole Fund.

November 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

21. \$1,000.00 from John B. Conard for the John B. Conard Fund in Ceramic Engineering.
22. \$1,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
23. \$1,000.00 from Jasam Foundation, Inc., (Samuel S. Davis), for the Corrugated Container Company Fund.
24. \$1,000.00 from Dr. Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education.
25. \$1,000.00 from Frederick W. R. Pride--\$500.00 for the College of Law Emergency Fund and \$500.00 for the Department of Athletics Discretionary Fund.
26. \$1,000.00 from the Joseph and Helen Skilken Foundation (Joseph Skilken) for the Joseph and Helen Skilken Foundation.

TOTAL - Received Through the Development Fund \$138,663.17

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

B. Report from The Ohio State University Development Fund

In September, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	683	\$ 40,019.02
Individuals other than alumni	74	3,173.78
Nonprofit organizations	24	130,184.27
Business concerns	<u>7</u>	<u>32,884.76</u>
	788	<u>\$206,261.83</u>

Of these gifts, 514 totaling \$9,016.71 were undesignated and 274 totaling \$197,245.12 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 material, and estimates of cost for the following project be approved by the Board of Trustees:

November 9, 1967 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. McCracken Power Plant - Installation of 750 KW Standby Turbine Generator

This project will provide emergency power for the operation of the heating plant.

Funds will be provided from Budget Account 801119.

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

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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. Bull Barn Replacement

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 10-31-67)		
Holzappel Construction Co. (Columbus)	\$19,600.00	\$20,384.00

Funds for this project are provided from Item 046, H. B. 886.

Upon motion of Mr. Hilliker, 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. CONTROLLING BOARD APPROVALS

Each numbered request accomplishes the following purpose:

- 25 Approves the award of contracts to the low bidders for the Language Building without further competitive bidding and the transfer of \$203,000.00 from Item 061 to Item 044 Language Building, H. B. 886, and the release of these funds, to provide for construction expenses.

VII. CONTROLLING BOARD APPROVALS (continued)

- 26 Approves the transfer and release of \$10,000.00 from Item 002 to Item 006 Relocation of Laboratories and Administrative Offices, H. B. 886, to provide funds for architect's fees and miscellaneous expenses for this project.
- 27 Approves the award of contracts to the low bidders for the Dodd Hall Addition without further competitive bidding and the transfer of \$271,000.00 from Item 016 to Item 054, H. B. 886, and to release \$1,434,611.00 from this account so that contracts may be awarded and funds encumbered.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Allied Medical Sciences School - Employment of Architects

President Fawcett recommended that the architectural firm of Holroyd and Myers be employed to provide preliminary drawings and such other data as may be required to accompany the University's application for Federal funds. If the project proceeds beyond the preliminary, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

The fee for this preliminary work will be calculated on the basis of work to be performed for the grant application and is estimated to be \$33,700.00. Funds will be provided from Item 016 Medical Complex, H. B. 886.

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

B. University School Building Renovation - Employment of Architects

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

The fee for this work will be calculated on the basis of 8 per cent of the construction cost or an estimated \$9,600.00. Funds will be provided from Budget Account 801140.

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

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November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Eugene Barnhart, Clinical Instructor in the Department of Medicine; Dana Wesley Cox, Clinical Associate Professor in the Department of Obstetrics and Gynecology; Huston Fenn Fulton, Associate Professor in the Department of Radiology; Sidney M. Kaplan, Professor in the School of Art; and Clayton Sydney Smith, Professor Emeritus in the Department of Physiological 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. William Eugene Burkhart

The Board of Trustees expresses its sorrow at the death on July 14, 1967, of William Eugene Burkhart, Clinical Instructor in the Department of Medicine.

William Eugene Burkhart was born in Mechanicsburg, Pennsylvania, on January 21, 1921. He was graduated from Otterbein College in 1943 with a Bachelor of Science degree, and in 1945, he received his Doctor of Medicine degree from The Ohio State University College of Medicine. Following internship at the Cleveland City Hospital, he served two years in the Medical Corps of the U. S. Army and was stationed at Ft. Custis Administration Hospital in Battle Creek, Michigan. He returned to Columbus for two years of residency in internal medicine at The Ohio State University Hospital followed by one year of residency in psychiatry at the New York Hospital and Veterans Administration in New York City. In 1951, he returned to Columbus to enter private practice and joined the faculty of The Ohio State University as a Clinical Instructor in the Department of Medicine.

Dr. Burkhart was Chairman of the Hospital Utilization Committee, a member of the active staff at Mt. Carmel Hospital, and on the courtesy staff of Riverside Methodist Hospital and University Hospital. He was interested in the specialty of gastroenterology as well as psychiatry. He was a member of the Division of Gastroenterology of the Department of Medicine at The Ohio State University. In 1956, he was certified by the American Board of Internal Medicine, and in 1963, he was elected to Fellowship in the American College of Physicians. He was a member of the Columbus, the Ohio, and the American Societies of Internal Medicine; the Columbus Academy of Medicine; the Ohio State Medical Association; and the American Medical Association.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty 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.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dana Wesley Cox

The Board of Trustees expresses its sorrow at the death on May 30, 1967, of Dana Wesley Cox, Clinical Associate Professor in the Department of Obstetrics and Gynecology.

Dana Wesley Cox was born May 3, 1898. Doctor Cox received his early education in the public schools of Newcastle, Pennsylvania. During World War I, he served as an enlisted man in the United States Army from October until December, 1918, when the Armistice terminated hostilities. The following year, he matriculated at Muskingum College, New Concord, Ohio, where he earned his Bachelor of Arts degree in 1923, and his Doctor of Medicine degree from Western Reserve University Medical School in 1928.

Doctor Cox served an internship from 1929 to 1930 in Epworth Hospital, South Bend, Indiana. Gradually, he had developed a keen interest in obstetrics, and although he desired to take postgraduate training, Doctor Cox commenced general practice in Poland, Ohio, in 1930. In 1934, he entered the New York Lying-in-Hospital as an intern continuing in obstetrics and gynecology as assistant resident, 1935-1936. His training was extended as he became resident and subsequently chief resident in obstetrics and gynecology in Margaret Hague Maternity Hospital, Jersey City, New Jersey, 1936-1937, under the eminent, late, Doctor Samuel A. Cosgrove. In 1939, the American Board of Obstetrics and Gynecology certified him as a diplomate.

Succeeding Doctor Andrews Rodgers, Doctor Cox served as Acting Chairman, Department of Obstetrics and Gynecology, College of Medicine, The Ohio State University, from 1943 to 1945. Upon the appointment of Doctor Allen Barnes to the Chairmanship, Doctor Cox continued to serve on the faculty as Clinical Associate Professor.

Besides his position on the faculty at The Ohio State University, he was also a member of the active medical staffs of Grant, St. Ann's, and Mt. Carmel Hospitals, where he served faithfully in both a teaching and clinical capacity. Among many facets in his talents for teaching, Doctor Cox was a strong proponent of strict hygiene for every prenatal patient, advocating especially the improvement of prenatal care, to include dental hygiene.

Doctor Cox was dedicated in his services to several professional affiliations. He was a founding member (1944) and past president of the Columbus Obstetric-Gynecologic Society. From time to time, on various committees he served his County Medical Society; he also belonged to the Ohio State Medical Association and the American Medical Association. He was active for many years in The Planned Parenthood Association, The Childhood League, and others.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dana Wesley Cox (continued)

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty 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. Huston Fenn Fulton

The Board of Trustees expresses its sorrow at the death on May 31, 1967, of Huston Fenn Fulton, Associate Professor in the Department of Radiology.

Huston Fenn Fulton was born November 7, 1899, in Belle Center, Ohio. Dr. Fulton attended Oberlin College and received his A. B. and M. D. degrees from The Ohio State University in 1922 and 1925, respectively.

Following internship, he entered practice in Columbus with Dr. Charles J. Shepard in the specialty of dermatology. Dr. Shepard at that time was also in charge of the Radiology Department of Mt. Carmel Hospital, and it was there that Dr. Fulton found his true interest in the field of medicine. He then became a resident in radiology at Massachusetts General Hospital under Dr. George Holmes. He returned to Columbus to become the radiologist for Mt. Carmel Hospital and was appointed by Dr. Hugh Means as radiologist for St. Francis Hospital, then a teaching facility for The Ohio State University. Dr. Fulton was appointed to the faculty of the College of Medicine in 1927; and during his many teaching years, he was a source of assistance and inspiration to countless medical students and house officers.

As an early diplomate of the American Board of Radiology in Columbus, he represented and participated actively in the transition period of radiology in its present day academic form. Dr. Fulton was the author of several papers in the field of diagnostic radiology. He served as medical advisor (radiology) to the Ohio State Director of Selective Service during World War II and until 1955, continued in that capacity. Fellowship in the American College of Radiology was conferred upon him in 1948.

Dr. Fulton was active in both professional and social organizations. He was a founder and charter member of the Ohio State Radiological Society and past president of the Columbus Club. He was a member of numerous national medical organizations, such as the American Roentgen Ray Society, Radiological Society of North America, and the Inter-American College of Radiology. He was also a member of the Local Medical Forum, Medical Review Club, Rotary Club, and the Masonic Order.

Dr. Fulton was always willing to lend a helping hand to friends and colleagues and was widely known for his consideration for patients and colleagues and for his integrity in his association with hospital administrators and medical-staff members. His many friends feel a deep loss and the specialty of

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Huston Fenn Fulton (continued)

radiology has lost an inspirational leader. Although golf and gardening were his hobbies, his main non-medical interest was in his family and friends. He will be long remembered for the fine contributions he made to medicine and will be sadly missed by family and colleagues.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty 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. Sidney M. Kaplan

The Board of Trustees expresses its sorrow at the death on October 17, 1967, of Sidney M. Kaplan, Professor in the School of Art.

Professor Kaplan was born in New York City, on October 9, 1913. He was graduated with the A. B. degree from Columbia College in 1934, the M. A. degree from Mills College in 1939, and the Ph. D. degree from Harvard University in 1954. Dr. Kaplan was associated with the Fogg Museum's Asiatic Research Bureau between 1947 and 1948. He served as an Instructor in Oriental Art History at the University of Michigan (1948-49) and was an Assistant Professor in Oriental Art History and Director of the Art Gallery at Mills College (1949-51). He joined the faculty of The Ohio State University as a Lecturer in 1954, was made Assistant Professor in 1955, Associate Professor in 1957, and Professor in 1961. Professor Kaplan's professional concerns ranged over a broad field. This is reflected in the variety of courses he taught: the Art of China and Japan, the Art of India, Survey of Far Eastern Art, Primitive and Prehistoric Art, Introduction to Art, Introduction to Research Methods, and Museum Problems and Practice. He served on the committee and faculty of the University's summer programs on the Far East and Africa. In addition, he served as a consultant in the orientation program for the training of Peace Corps volunteers. As a member of the faculty, Professor Kaplan gave of himself freely. He enjoyed his contacts with students at all levels. He had an amazing ability to see the most complicated and sophisticated problems with a great deal of clarity and insight.

Dr. Kaplan was the recipient of numerous honors: the University of California's Chinese Cultural Scholarship in 1945 and a similar scholarship from Harvard University in 1946. Professor Kaplan received a faculty research grant from the University of Michigan in 1947-48 and a Ford Foundation Grant for travel and research in India, Pakistan, and Ceylon in 1956-57.

The following is a partial listing of Professor Kaplan's publications: "Observations on Ch'i Chia and Li Fan Pottery," Harvard Journal of Asiatic Studies, June, 1948; "A Note on Late Chon Blackware," Far Eastern Ceramic Bulletin, March, 1955; and "Seeing Is Believing," Catholic Art Quarterly, 1956-57.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Sidney M. Kaplan (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.

E. Clayton Sydney Smith

The Board of Trustees expresses its sorrow at the death on July 10, 1967, of Clayton Sydney Smith, Professor Emeritus in the Department of Physiological Chemistry.

Dr. Smith was born April 23, 1887, at Newark, New Jersey. He received his B.Sc. and M.Sc. degrees from Rutgers in 1909 and 1912, respectively. At Rutgers he was awarded the Suydam prize in Natural Science. During his postgraduate study at Columbia, he was elected to membership in Sigma Xi and to Phi Lambda Upsilon (honorary chemical fraternity). He was awarded the Ph. D. degree in biochemistry in 1913.

From 1914-18, Dr. Smith was Associate in Physiological Chemistry in the College of Medicine, University of Illinois, and from 1918-20, Associate in Physiology at Northwestern University where he received his M. D. degree in 1920. He was a member of Nu Sigma Nu (social fraternity) at Northwestern University. He came to Ohio State as Assistant Professor of Physiological Chemistry and Pharmacology in 1920 and was made Professor and Chairman of the Department in 1921. He continued in this position until retirement in 1957 when he was made Professor Emeritus.

Although Dr. Smith had no formal military service, he conducted drug assays and toxicological investigations for the U. S. Army Depot at Chicago during World War I. During this period, he taught clinical chemistry to a group of naval officers from the Great Lakes Training Station. Throughout his career he has been interested in the application of science in the detection of crime and was one of the charter members of the Society for the Scientific Detection of Crime which was founded in Columbus during World War II. He was president of this society in 1944.

During his early years at Ohio State, Dr. Smith practiced medicine part time in Grandview Heights. He was a member of the Board of Health of Grandview from 1932 to 1942, and its president from 1940 to 1942. He was a member of Optimist International, University Lodge and several other Masonic bodies, and the First Congregational Church.

Dr. Smith belonged to several scientific societies including the American Chemical Society, and the Columbus Academy of Medicine. He was a Fellow of the American Institute of Chemists and of the American Academy of Forensic Sciences. He was a member of Alpha Omega Alpha at Ohio State. In 1959, he was given the Award of Merit, the first occasion on which this award was made by the College of Medicine.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

E. Clayton Sydney Smith (continued)

Dr. Smith's principal activities during his 37 years of service at Ohio State were teaching courses in Physiological Chemistry and Pharmacology to first and second year medical students, organizing and teaching a course in toxicology, advising M.Sc. and Ph.D. graduate students, and administering the affairs of the Department. He served on numerous college and university committees during his long service under four deans, two acting deans, and four presidents. He was author of some twenty scientific papers on a broad range of subjects. For many years, he conducted a toxicology laboratory in Hamilton Hall in cooperation with the Department of Pathology and the County Coroner.

Dr. Smith is a familiar and fondly remembered personage to many of his colleagues and former students. He has made many contributions to medical education and to his Department in the College of Medicine.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty 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.

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X. REPORT

A. Report from the Finance and Investment Committee

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio

Upon the motion of Mr. Safford, seconded by Mr. Shocknessy, the Board of Trustees by unanimous vote:

- (a) Accepted the report on the University's Investment Portfolio, dated November 8, 1967, as submitted to the Finance and Investment Committee, and directed that said report be filed with the official records of the Board of Trustees;
- (b) Accepted the Accountant's Report on the University Dormitory Revenue Bond Funds, dated June 30, 1967, submitted by the firm of Peat, Marwick, Mitchell & Co., and directed that said report be filed with the official records of the Board of Trustees;

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

- (c) Adopted the following statement and directed that said statement be included in the minutes of this meeting:

STATEMENT OF POLICY FOR THE MANAGEMENT OF THE
OHIO STATE UNIVERSITY ENDOWMENT PORTFOLIO

Background Information:

Col. Ralph D. Mershon left \$7,438,142 to the University on September 24, 1953. In his bequest he directed the Trustees as follows:

That the whole of the said property and estate so given, devised and bequeathed to The Ohio State University, with all increases and appreciation in the principal thereof, shall be forever kept intact as a permanent fund under the name of The Ralph D. Mershon Fund, and the income only thereof expended, and that the principal of said fund, together with all increases and appreciation thereof, be kept invested in well selected and well diversified common stocks of going concerns, or their equivalent, and not in preferred stocks or bonds. By the equivalent of common stocks I mean preferred stocks, bonds or other similar securities which have the element of safety supposed to inhere in fixed securities and also shall, through conversion privileges, participation privileges, or other similar devices, enjoy equal rank with the common stock of the enterprise to which they pertain as to appreciation in value of the property of the corporation and in the matter of earnings therefrom and upon the further condition, nevertheless, that not less than one-half of the income of said fund shall be used in such manner as in the judgment and discretion of said The Ohio State University shall best promote, encourage and carry on civilian military education and training in the United States and its territories.

Mershon Funds must be invested in accord with the above instruction. Other donated funds may be invested in bonds, preferred stocks, or common stocks as may be prudent, at a given time.

Comparative Data:

For the fiscal year ended June 30, 1967, endowment earnings from all sources, including the State Treasurer irreducible debt funds, accounted for 1% of the University's operating budget. This is far too little for a University of The Ohio State University's size and complexity. The endowment funds can be increased by new gifts and appreciation of assets. Also when circumstances permit, reinvestment of earnings will increase the endowment.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

Regardless of method, endowment funds must be markedly increased.

The standing of OSU with respect to other state universities who have achieved respectable endowments is shown below:

<u>University</u>	<u>Endowment (millions)</u> ¹
1. University of Texas	\$478.9
2. University of California	209.4
3. University of Virginia	82.2
4. University of Michigan	55.1
5. The Ohio State University	35.5
6. University of Minnesota	29.5
7. Rutgers University	28.1
8. Purdue University	22.5
9. University of Wisconsin	16.8
10. University of Vermont	12.9

It should be noted that the sum of the endowments of the first two far exceeds the sum of the endowments of the other eight.

The endowment funds of The Ohio State University, while largely designated, do include as the largest item the Mershon Fund, half of the earnings of which are for "civilian military training" and half to be used at the discretion of the Board of Trustees.

Purpose:

The purpose of The Ohio State University Endowment Portfolio is to provide funds for those things which cannot be supported by other University resources. The purpose is not to provide income to be expended in lieu of taxes and student fees, but rather an income additional to taxes and student fees in the University's pursuit of excellence.

Policy:

The policy under which The Ohio State University Endowment Funds are to be invested is simply stated:

The fund shall be prudently invested in equities traded on the New York Stock Exchange, or the American Stock Exchange, except for Banks and Insurance Companies, which shall be invested in wherever the equity chosen has reasonable volume of trading and the proposed investment has the unanimous support of the Finance and Investment Committee.

¹As published in "Institutional Investor," September 1967, Vol. 1, No. 7.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

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

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

The policy for selecting equities as candidates for investment is to attempt to choose those situations capable of returning reasonable income with fine growth possibilities.

Whenever market conditions make it appear wise to do so, endowment funds may be invested in short-term governments and/or agencies wherein the investment maximizes the interest return.

The fund shall be kept fully invested at all times.

The fund is a long-term investment fund, and not a rapid turnover or trading type of endeavor.

The income from the Mershon bequest shall be held in interest-bearing securities approved by the Board of Trustees' Finance and Investment Committee pending its use for purposes as authorized by the Board of Trustees.

Modus operandi:

Recommendations for trading shall be brought to the attention of the Finance and Investment Committee and such trading shall take place only after a majority vote of said committee approves such action.

Wherever it seems wise to do so between meetings, the Vice President for Business and Finance shall poll the committee by telephone and report the result at the next meeting of the committee for ratification. Trading may proceed on the basis of the telephone vote.

B. Reports from the President

Several items of interest and pleasure were reported to the Board for information and the record. They were as follows:

1. Accreditation of University Hospitals

The Board of Commissioners of the Joint Commission on Accreditation of Hospitals in a communication dated October 20, 1967, has advised that The Ohio State University Hospitals are "accredited for a period of three years or until a subsequent survey is conducted." This certificate of accreditation is a result of the evaluation of the hospital survey conducted on September 12, 13, and 14, 1967. It should be noted that the above-referred-to communication included the following statement of commendation:

X. REPORTS (continued)

B. Reports from the President (continued)

1. Accreditation of University Hospitals (continued)

The dean and the staff are to be congratulated on their successful integration of all patients into the organized teaching and patient-care program, and on evidences of superb quality control as observed specifically in the clinical laboratories, the pharmacy and central supply.

2. Student Fee Increases Approved by the Ohio Board of Regents

The increases of student fees adopted on September 14, 1967, by the Board of Trustees of The Ohio State University to become effective Winter Quarter, 1968, were approved by the Board of Regents at its regular meeting on October 20, 1967, pursuant to Senate Bill 350.

3. Resolutions from Wright State University

The Board of Trustees of Wright State University at its initial meeting on October 5, 1967, requested that the following resolutions be forwarded to the Board of Trustees of The Ohio State University:

Resolution Authorizing Continued Administrative Services

WHEREAS: the Board of Trustees and the Presidents and other officials of The Ohio State University and Miami University have been doing all things necessary to conduct the legal, fiscal, personnel and all other functions of Wright State Campus, and

WHEREAS: the Board of Trustees of Wright State University is now by certification of the Ohio Board of Regents to the Governor, and the filing of such certification by the Governor with the Secretary of State, authorized to exercise its powers, therefore be it

RESOLVED: that the Board of Trustees of Wright State University does hereby authorize the Board of Trustees and the Presidents and other officials of The Ohio State University and Miami University to continue the administrative services necessary to conduct the functions of Wright State University, formerly known as Wright State Campus, until the President or the Business Manager of Wright State University shall notify the Presidents of Ohio State University or Miami University from time to time that each administrative function is properly and legally in operation at Wright State University; furthermore be it

RESOLVED: that all employment contracts and other contracts entered into for the benefit of Wright State Campus by The Ohio State University and Miami University, be and hereby are ratified, confirmed and continued in full force and effect until replaced by contracts legally issued by Wright State University.

X. REPORTS (continued)

B. Reports from the President (continued)

3. Resolutions from Wright State University (continued)

Resolution of Gratitude to The Ohio State University

WHEREAS, responsibility for the establishment of Wright State University as a state operated institution of higher education was placed in large measure in the hands of The Ohio State University and Miami University; and

WHEREAS, the establishment of Wright State University is now accomplished; and

WHEREAS, the realization of this goal was diligently and continuously pursued by the Board of Trustees of The Ohio State University, which Board evidenced full cooperation and absolute good faith in the accomplishment of this fact; and

WHEREAS, the supply of expertise, knowledge, and practical experience which the Board of Trustees of The Ohio State University made available through its President, staff, and faculty aided immeasurably in the formulation of this newest of State universities, particularly in the areas of the sciences, mathematics, psychology, and engineering; now therefore be it

RESOLVED, that an initial act of this Board be to express its sincere gratitude to the Board of Trustees, President, staff, and faculty of The Ohio State University for its participation; and be it further

RESOLVED, that such gratitude is hereby expressed; that a duly authenticated copy of this resolution be forwarded to the Board of Trustees of The Ohio State University; and that this resolution be spread upon the minutes of this meeting.

4. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks and activities to take place in the near future. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

- a. The official Autumn Quarter enrollment report lists a total of 38,834 students on the Columbus campus. Of these 6,271 are in the Graduate School and 3,281 in the professional colleges. Enrollment at the Branch campuses total 3,866 students. Ohio State's grand total enrollment is 42,700, an increase of 1,493, or 3.6 per cent, over last Autumn's figures.
- b. Representatives of The Ohio State University will serve as hosts and participate in the 81st annual convention of the National Association of State Universities and Land-Grant Colleges to be held in Columbus, November 12-15, 1967.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

B. Reports from the President (continued)

4. Highlights of University Activities (continued)

- c. Ohio State's first multi-level, 600-car parking garage was opened on November 8. University officials have set up procedures for using it to ease the crowded parking conditions on the central campus.
- d. The College of Pharmacy building was officially dedicated on October 17, 1967. The new building of five floors complete with greenhouse, was built at a cost of \$3.4 million and is located in the University's Medical Center.
- e. The School of Journalism has enrolled the first 10 students in its new international journalism program, designed to train news specialists who can bridge the gap between foreign news developments and the American press. The President introduced Miss Christine Ann Jindra, a third-year student in the School of Journalism, who was present at the meeting to report for The Ohio State Lantern.

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Thereupon the Board adjourned to meet Thursday, December 14, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Bertram D. Thomas
Acting Chairman

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APPENDIX II

Amendments to Certain Rules for the University Faculty

as Approved by the Faculty Council
on October 3, 1967

Adopted by Board of Trustees November 9, 1967
(See page 306)

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Rules for the University Faculty

On October 3, 1967, the Faculty Council approved the following revision of Rules and changes as underscored in Rules 11.1106, 13.09, 13.11, 27.0701, 29.01, 29.03, 29.2705, 29.2707, 29.2709, 29.2713, 29.2719, 29.2721, 41.15, 45.03, 53.0701, 53.0703, 53.0705 (New), and 54.05. Rules 11.1301, 11.1303, 29.05, and 29.07 were deleted since they are no longer applicable.

11.1106. Executive Dean for Student Relations.*

Section 3. The principal administrative officials of the Office of Student Relations shall be those Associate Deans and Directors who are in charge of Student Housing, Student Organizations and Activities, Student Discipline, Student Health, Student Financial Aids, Athletics, Ohio Union Programs, Counseling, and Orientation and Testing.

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13.09. Research Institutes; Establishment and Administration.*

Research Institutes shall be established or abolished by the Board of Trustees upon recommendation of the Research Council and Faculty Council. Each Research Institute shall be administered by a Board having such membership and authority as determined by the Research Council (see Rule 29.2707) and approved by the Faculty Council and the Board of Trustees.

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13.11. Director, Mershon Center for Education in National Security.*

Section 1. The Director, Mershon Center for Education in National Security, shall have the responsibility and authority for formulating and administering the program of the Center financed by the civilian-military portion of the Mershon Fund and other funds that are made available. He shall provide active leadership in developing and maintaining a program of education and research in national security which will support and be in harmony with the general educational and research aims of the University. In carrying out these duties, he shall consult with the Mershon Committee on Education in National Security (see Rule 29.2719).

Section 2. The Director, Mershon Center for Education in National Security, shall report to the President through the Vice President for Academic Affairs and Provost.

Section 3. The Director shall, following consultation with the Committee, be responsible for recommending through the Vice President for Academic Affairs and Provost to the President and the Board of Trustees the annual budget for the Center.

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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 but without vote (see Rule 53.0705).

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Rules for the University Faculty (continued)

29.01. Membership.

There shall be a Faculty Council constituted as follows:

- a. Ex Officio Members. There shall be twenty-two ex officio members: The President; the Vice President for Academic Affairs and Provost; the Secretary of the University Faculty; the Dean of the Graduate School; the Dean for Undergraduate Programs in the Arts and Sciences; the Deans of the Colleges; and the Director of Libraries.
- b. Elected Members. The number of elected members shall be three times the number of ex officio members. Accordingly there shall be sixty-six members of the University faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college, and branch campus with a resident faculty and its own faculty council. For the purposes of this section there are three academic units not so assigned: (1) the library, (2) the Departments of Physical Education, and (3) the Departments of Military, Naval, and Air Science. Each college, each such academic unit, and each such branch campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or branch campus while serving as representative of another.
- c. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members--each ex officio member shall designate his alternate; (b) alternates for elected members--unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

- d. Representative from the Council of Graduate Students. A representative from the Council of Graduate Students shall sit with the Faculty Council as a member but without vote (see Rule 53.0705).

Rules for the University Faculty (continued)

29.03. Elections.

Section 1. Elections to the Faculty Council shall be administered and supervised by a committee of three chosen by the Council from its elected members and known as the Committee on Elections for the Faculty Council. The first terms of membership on this committee shall be one, two, and three years. Thereafter each member's term shall be three years. All decisions of this committee shall be subject to the approval of the Faculty Council.

Section 2. Elections shall be held in the Spring Quarter of each year for terms beginning in the following Autumn Quarter. Each member shall be elected for three years and shall for one year immediately thereafter be ineligible for election. Service to complete an unexpired term, and service as an alternate, do not affect eligibility.

Section 3. The Committee on Elections shall determine which election districts are entitled to more representatives than one in accordance with the following formula:

- a. Determine how many University faculty members within the election district are on Regular contract and are based at least 75 percent on the Columbus campus;
- b. Apportion the elected membership so that each election district is represented in that proportion which its members as described above bear to the total of such members in the University, but each election district shall have at least one representative.

Section 4. Representatives from branch campuses shall be elected in accordance with whatever procedures are in effect at such campuses. Other members shall be elected from nominees solicited from colleges and other academic units. The Committee on Elections shall make up a ballot consisting of names three times the number to be elected from the college or academic unit. Such names shall not be placed on the ballot until the person named has been given an opportunity to decline nomination, and priority in choice of names shall be accorded to the frequency of their appearance on the returns from solicitation of colleges and other academic units.

The Committee on Elections shall mail the ballots to University faculty members on Regular contract wherever located, and they shall be cast by mail. The Committee shall declare as representatives from the respective colleges or academic areas those persons receiving the largest number of votes.

Section 5. In the event of vacancy during the term of an elected member, the Faculty Council shall elect an interim successor from the same election district to serve until the next general election, when the vacancy shall be filled by election for the unexpired term.

Rules for the University Faculty (continued)

29.2705. The Library Council.

Section 1. The Library Council shall consist of six teaching members of the University Faculty; the Vice President for Academic Affairs and Provost; the Vice President for Research; the Dean of the Graduate School; the Director of Libraries; and a representative from the Council of Graduate Students (see Rule 53.0705). The President, on recommendation of the Vice President for Academic Affairs and Provost 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.

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29.2707. Research Council.

Section 1. Membership. The Research Council shall consist of eighteen members chosen as follows:

- a. Appointed Members. Sixteen members of the Graduate Faculty, two from each of the eight graduate areas (as defined in Rule 27.0701), but not more than one from any department or school, shall be appointed by the President in consultation with the Vice President for Research and the Dean of the Graduate School. None of the appointees shall be executive officers of any college. Appointees shall have significant research experience, duties, and interests. These members shall be appointed to a three-year term, the appointments to be staggered 6-5-5 cyclically. No appointed member shall be eligible for re-appointment during one year thereafter.
- b. Ex-officio Members. Two ex-officio members, or delegates of their choice, shall serve as voting members: the Vice President for Research, and the Dean of the Graduate School.

Section 2. Associates. Because of their relevant responsibilities and expertise, the following or their delegates are expected to meet frequently with the Research Council:

The Executive Director of The Ohio State University Development Fund;

The Director, Mershon Center for Education in National Security;

The Executive Director of the Research Foundation;

The Director of the Ohio Agricultural Research and Development Center;

The Director of the Engineering Experiment Station;

The Director of Libraries.

(The list is intended to be suggestive rather than exhaustive.)

Rules for the University Faculty (continued)

29.2707. Research Council. (continued)

Section 3. Organization:

- a. The Research Council will normally meet once each month during the academic year, and in summer as need may appear. The Steering Committee (Part c) may elect to schedule additional meetings or to cancel a scheduled meeting.
- b. Meetings of the Research Council shall be chaired by the Vice President for Research. The Research Council shall annually elect a Vice Chairman from the appointed membership, to serve for a term of one calendar year, ineligible to succeed himself. The Vice Chairman shall preside at Research Council meetings in the absence of the Vice President for Research, shall chair the Steering Committee, and shall serve as half-time Associate in the Office of Research.
- c. The Research Council shall annually (at the last Spring Quarter meeting) elect three of its appointed members to serve on a Steering Committee; the Vice Chairman of the Research Council shall serve as the fourth member and Chairman. The Steering Committee, in consultation with the Vice President for Research, is charged with preparation of agenda and in general with responsibility for ensuring that the Council's work is effectively carried on. The Steering Committee may from time to time represent the Council at its direction, and subject to its final approval.
- d. Each college shall have a committee, the duties of which shall include responsibility for stimulating scholarly activity and assisting the faculty in obtaining support and facilities necessary for research. The membership, method of appointment, and specific responsibilities of these committees shall be determined by the corresponding college faculties, except that each college committee shall include one member of the Research Council.
- e. The Research Council shall be provided with such secretarial and other staff assistance as may be required for efficient and effective conduct of business.
- f. Membership on the Research Council shall be recognized as direct service to the University; the member's normal departmental duties shall be appropriately reduced, and the department shall be provided with funds with which to replace the services so released.

Section 4. Functions. The Research Council is charged with encouraging and stimulating research and scholarly activity, and assisting in obtaining support. It shall provide a communication channel between faculty and those responsible for obtaining and administering funds. The Research Council shall be consulted on all major research fund allocations, and on all matters of University planning that affect research; in turn it is charged with responsibility for ensuring that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets. The Council is expected to work

Rules for the University Faculty (continued)

29. 2707. Research Council. (continued)

in close consultation with the Vice President for Research. In matters of joint interest, the Research Council is expected to work in cooperation with the Council on Academic Affairs. Specifically, the Council shall have the following duties and responsibilities:

- a. To become familiar with the research activities carried on by the University faculty and staff, and with available and potential sources of research support.
- b. To foster existing research and to stimulate the development of new programs.
- c. To study and where appropriate in consultation with experts or committees having knowledge or responsibilities in specific areas, or with the Graduate Council or the Council on Academic Affairs, recommend to the Faculty Council policies with respect to research activities, facilities, personnel, University organization, and plans for future development.
- d. To provide advice and information concerning research activities and available resources, and to be available to any faculty member or group to assist in planning and obtaining support for research.
- e. Under authority delegated by the Faculty Council, to be responsible for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies (see Rule 13.09).

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29. 2709. Council on Student Affairs.

Section 1. The Council on Student Affairs shall consist of 12 members as follows:

- d. The Associate Dean for Student Relations who coordinates all student activities.
- e. The Associate Dean for Student Relations who coordinates student housing.

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29. 2713. Faculty Advisory Committee to the President and the Board of Trustees. *

Section 2. At the opening of each Spring Quarter, the Committee on Elections for the Faculty Council shall poll the University Faculty for nominations for membership of the Committee. Each faculty member may nominate one member of the University Faculty for membership on the Committee, regardless of the number of vacancies to be filled. The persons most frequently nominated, in a number twice

Rules for the University Faculty (continued)

29. 2713. Faculty Advisory Committee to the President and the Board of Trustees.*

the number to be elected, shall constitute the slate of nominees. Upon report of this slate to the Committee on Elections for the Faculty Council, the elected members of the Council annually at its June meeting shall elect by secret ballot from the nominees so presented a sufficient number to fill then occurring vacancies. New Committee members shall serve beginning with the quarter next following their election.

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29. 2719. Mershon Committee on Education in National Security.

Section 1. The Mershon Committee on Education in National Security shall consist of six faculty members appointed by the President for three-year terms. Two members shall be appointed each year. Members shall be eligible for re-appointment. The Director, Mershon Center for Education in National Security, shall serve as Chairman of the Committee.

Section 2. The Mershon Committee on Education in National Security shall function principally in an advisory capacity to the Director (see Rule 13.11) with respect to the development of a program of education and research in national security which will support and be in harmony with the general educational and research aims of the University. The Committee shall be charged with the responsibility of insuring that the program makes a significant and continuing contribution to the University-wide program for education and research in national security.

Section 3. This Committee shall be responsible for making recommendations to the President regarding the appointment of the Director, Mershon Center for Education in National Security, as a vacancy arises. Established University procedures for appointing academic personnel shall be followed.

Section 4. Reports by this Committee to the President shall be transmitted by the Director through the Vice President for Academic Affairs and Provost.

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29. 2721. Committee on Academic Misconduct.

Section 1. The Committee on Academic Misconduct **shall** consist of three members of the University Faculty, one representative from the Council of Graduate Students (see Rule 53.0705), one undergraduate or professional student, and without vote, the Executive Dean for Student Relations, ex officio. The three members of the University Faculty shall be appointed by the President for a term of three years, the appointments to be made annually so that one member will retire each year. No member of the University Faculty shall serve more than two consecutive terms. The student member shall be appointed by the President for a term of one year. This appointment shall be made from nominations (no less than four in number) of students with at least junior standing, the nominations to be made by the Student Senate in a manner prescribed by the Student Senate.

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Rules for the University Faculty (continued)

41.15. Student Addresses.

Upon entering the University, each student shall give in writing his local address and his home address to the Registrar, and shall report promptly all subsequent changes in either address to the Registrar's Office, his College Office, and to the Office of Student Housing as long as he is connected with the University.

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45.03. Group Absences.

Section 2. Group absences which are a necessary part of a class scheduled in the University must be authorized by the Chairman of the Department or Director of the School in which the class is scheduled. Group absences which are a necessary part of a non-class function of the University must be authorized by the Office of the Associate Dean for Student Relations who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the Office of the Associate Dean for Student Relations, a letter containing (1) a list of names of all of the students involved, (2) the dates and times of the absence, and (3) a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.

The student may then present his copy of the letter to each Instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in Rule 45.01.

Section 3. In all instances of group absences in which women students will be absent from the University before 6:30 a. m. and after 12:00 p. m., the Associate Dean for Student Relations who coordinates student activities should be notified in advance of the names of all women students involved.

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53.0701. Student Senate.

Section 3. The officers of the Student Senate shall include the President, Secretary, and such additional officers as are provided for in the constitution of the Student Senate. The Senate President shall also serve as President of the student body which is represented by the Student Senate. A member of the Student Relations staff shall serve as adviser to the Student Senate.

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53.0703. Women's Self Government Association.

Section 2. The officers of the Women's Self Government Association shall include the President, a Vice President and such additional officers as are provided for in its constitution. A member of the Student Relations staff shall serve as adviser to the Women's Self Government Association.

Rules for the University Faculty (continued)

53.0703. Women's Self Government Association. (continued)

Section 4. The Women's Self Government Association shall be empowered to:

- a. Develop programs which carry out the purposes outlined in Section 3 above
- b. Make recommendations to the Executive Dean for Student Relations regarding rules governing the non-academic student life of women students; and
- c. Adjudicate alleged violations of the rules established by the Executive Dean for Student Relations relating to the non-academic life of women students to assess disciplinary penalties not exceeding probation to the Women's Self Government Association, and to make recommendations to the colleges or the Executive Dean for Student Relations regarding more serious disciplinary penalties.

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53.0705. Graduate Student Representation on University Committees.

Section 1. Each of the following Committees or Councils shall include in its membership one representative from the Council of Graduate Students: the 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 and the Graduate Council.

Section 2. The Council of Graduate Students shall be responsible for selecting two nominees for each position and shall submit their names and vitae to the President who shall appoint one of the nominees for a term of one year.

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54.05. The Ohio Union Council.*

The Ohio Union Council shall consist of eighteen members chosen as follows:

- a. Nine student members chosen in accordance with rules established by The Ohio Union Council.
- b. One representative from the Council of Graduate Students (see Rule 53.0705).
- c. Seven faculty and staff members chosen as follows: (1) the Vice President for Business and Finance; the Executive Dean for Student Relations, and the Director, Ohio Union, ex officio; (2) the Program Director, Ohio Union, ex officio, but without the right to vote; (3) two members of the University Faculty, and (4) one residence halls staff representative. The faculty and staff members shall be appointed by the President for a term of two years.
- d. One Alumni member designated by The Ohio State University Association for a term of two years under such procedures as the Association shall adopt.

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

Columbus, Ohio, December 14, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, December 14, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Degrees and Certificates Conferred -
Autumn Quarter Commencement Convocation

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 15, 1967, 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 377.)

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 9, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Changes in Administrative Responsibility, Promotions, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Changes in Administrative Responsibility

Paul G. Craig from Professor in and Chairman of the Department of Economics to Dean of the College of Social and Behavioral Sciences, effective January 1, 1968, at a salary of \$27,276.00 per annum. Dr. Craig will continue to hold an appointment as Professor in the Department of Economics at "No Salary."

Frederick W. Hebbard from Professor in and Director of the School of Optometry to Dean of and Professor in the College of Optometry, effective January 1, 1968, at a salary of \$15,768.00 per annum.

James R. McCoy, Dean of the College of Commerce and Administration, to serve as Dean of the renamed College of Administrative Science, effective January 1, 1968.

December 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Ronald W. Brady promoted from Director of the Office of Administrative Research and Data Processing in the Office of the Provost of the University to Associate Provost and Director of University Budgets, effective January 1, 1968, at a salary of \$22,668.00 per annum.

Richard A. Griesemer promoted from Professor and Acting Chairman to Professor and Chairman of the Department of Veterinary Pathology, effective December 1, 1967, at a salary of \$24,168.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Pauline Hall, Associate Professor (Extension Nutritionist), effective January 1, 1968 through June 30, 1968, to participate in a program of professional improvement at The Ohio State University.

Robert S. Crawford, Instructor (County Extension Agent, Agriculture) Lawrence County, effective December 16, 1967 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Philip L. Grover, Instructor (County Extension Agent, Agriculture) Fayette County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

George W. Hothem, Instructor (County Extension Agent, Agriculture) Carroll County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Dennis M. Kirven, Instructor (County Extension Agent, Agriculture) Tuscarawas County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

December 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Robert W. Lahmers, Instructor (County Extension Agent, 4-H) Harrison County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Richard S. Sechrist, Instructor (Supervisor, Dairy Testing), effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

William H. Johnson, Professor and Associate Chairman, Department of Agricultural Engineering, effective March 16, 1968 through May 15, 1968, to serve as a consultant at the College of Agricultural Engineering, Punjab Agricultural University, Punjab, India.

Hugh MacCullough Davidson, Professor, Department of Romance Languages, effective January 1, 1968 through March 31, 1968, to accept a National Humanities Foundation grant.

Robert B. Lewis, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective December 1, 1967 through June 30, 1968, to participate in a program of professional improvement at North Carolina State University.

E. Emeritus Title

Christine Newark, School of Home Economics, with the title Professor Emeritus, effective November 1, 1967.

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

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December 14, 1967 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865-I - Ext. #9 - College of Pharmacy).
Gross Value - \$26,515.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-G - Ext. #7 - Department of Medicine).
Gross Value - \$380,551.00.
- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383-F - Ext. #6 - Department of Chemistry).
Gross Value - \$31,348.00.
- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hemodynamics Studies (to be known as National Institutes of Health Project No. 1409-F - Ext. #6 - Department of Physiology).
Gross Value - \$13,638.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors Affecting Glutamic Dehydrogenase (to be known as National Institutes of Health Project No. 1631-D - Ext. #4 - Department of Physiology).
Gross Value - \$15,144.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, CO₂ Transients Associated with Hyperventilation (to be known as National Institutes of Health Project No. 1647-D - Ext. #4 - Department of Physiology).
Gross Value - \$15,670.00.

December 14, 1967 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. Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as Bureau of Health Manpower Project No. 1651-D - Ext. #4 - Department of Business Organization).
Gross Value - \$58,747.00.
- a8. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as U. S. Atomic Energy Commission Project No. 1794-A - Mod. #5 - Department of Zoology and Entomology).
Gross Value - \$14,000.00.
- a9. 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 - Mod. #7 - Department of Preventive Medicine).
Gross Value - \$72,388.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as National Institutes of Health Project No. 2090-B - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$21,576.00.
- a11. National Center for Urban and Industrial Health, Public Health Service, Cincinnati, Ohio, Driver Sensory Capability and Its Effect on the Driving Task (to be known as National Center for Urban and Industrial Health Project No. 2091-B - Ext. #2 - Engineering Experiment Station).
Gross Value - \$53,719.00.
- a12. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Experimental and Theoretical Investigations of the Elementary Particles of Matter (to be known as U. S. Atomic Energy Commission Project No. 2116-A - Mod. #2 - Department of Physics).
Gross Value - \$265,000.00.

December 14, 1967 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)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pressure-Flow Relationships of Brain Circulation (to be known as National Institutes of Health Project No. 2124-B - Ext. #2 - Department of Surgery).
Gross Value - \$25,200.00.
- a14. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Mental Health Project No. 2207-A - Ext. #1 - Department of Psychology).
Gross Value - \$5,400.00.
- a15. National Science Foundation, Washington, D. C., Nuclear Physics Research with 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2549 - New - Department of Physics).
Gross Value - \$210,600.00.
- a16. Systems Engineering Group, (AFSC), Wright-Patterson Air Force Base, Ohio, Proposal for a Theoretical Study of Separated Flows at High Reynolds Number (to be known as Systems Engineering Group Project No. 2550 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- a17. National Science Foundation, Washington, D. C., An Electron Transmission Investigation of Defect Interaction in the Diffusion Zone of Binary Diffusion Couples (to be known as National Science Foundation Project No. 2556 - New - Department of Metallurgical Engineering).
Gross Value - \$27,000.00.
- a18. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Molecular Structure of Carbanions and the Kinetics of Their Exchange Processes in Solution (to be known as Air Force Office of Scientific Research Project No. 2557 - New - Department of Chemistry).
Gross Value - \$7,044.00.
- a19. National Science Foundation, Washington, D. C., Number Theory, Group Theory, and Geometry of Numbers (to be known as National Science Foundation Project No. 2559 - New - Department of Mathematics).
Gross Value - \$39,500.00.

December 14, 1967 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. U. S. Atomic Energy Commission, Chicago Operations Office, 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 - New - Department of Botany).
Gross Value - \$20,000.00.
- a21. Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Plasma Diagnostic Techniques and Generation (to be known as Systems Engineering Group Project No. 2561 - New - Department of Physics).
Gross Value - \$25,645.00.
- a22. National Science Foundation, Washington, D. C., Generation of Acoustic Waves in Nonlinear Piezoelectric Crystals by Intense Optical Fields (to be known as National Science Foundation Project No. 2563 - New - Department of Electrical Engineering).
Gross Value - \$9,900.00.
- a23. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2564 - New - Department of Electrical Engineering).
Gross Value - \$232,300.00.

TOTAL - Government Contracts - Federal \$1,590,885.00.

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. #10 - Institute for Research in Vision).
Gross Value - \$12,863.00.
- 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. #10 - Division of Biophysics).
Gross Value - \$22,060.00.
- 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 - New - Institute for Research in Vision).
Gross Value - \$7,804.00.

December 14, 1967 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)

- a4. 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. J-78927 - Department of Surgery). Gross Value - \$2,746.58.
- a5. Columbus Board of Education, Columbus Public Schools, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Public Schools Project No. 2175 - Ext. #2 - School of Education). Gross Value - \$128,280.00.
- a6. 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. #2 - School of Art). Gross Value - \$9,267.00.
- a7. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Geomorphology and Pedology of Amchitka Island, Alaska (to be known as Battelle Memorial Institute Project No. 2508 - Sup. #2 - Institute of Polar Studies). Gross Value - \$18,842.00.
- a8. 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 - New - School of Optometry). Gross Value - \$9,842.00.
- a9. Research Corporation, New York, New York, Electrochemistry of Electron-Photon Energy Conversions (to be known as Research Corporation Project No. 2558 - New - Department of Chemistry). Gross Value - \$5,150.00.
- a10. East Central Ohio Heart Association, Canton, Ohio, An Experimental Evaluation of Celiac Axis Compression (to be known as East Central Ohio Heart Association Project No. 2562 - New - Department of Surgery). Gross Value - \$7,150.00.

TOTAL - Industrial and Other Contracts \$224,004.98

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

The foregoing thirty-three contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,814,889.98.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were unanimously approved by the six members who voted. Dr. Thomas abstained from participation in the discussion of the motion and voting since the contracts listed included one with Battelle Memorial Institute where Dr. Thomas serves as President.

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

During the period from October 25, 1967 through November 27, 1967, 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. Industrial Research Contracts

EES 250 Thin Film Hall Effect Devices, F. W. Bell, Incorporated,
Ext. #8 Columbus, Ohio.
Gross Value - \$3,600.00.

EES 306 Investigation of Mixing and Handling Materials Used in
Manufacturing of Grinding Wheels, Cincinnati Milling
Machine Company, Cincinnati, Ohio 45209.
Gross Value - \$30,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$33,600.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since November 9, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund

1. \$27,742.00 from the Trust under the Will of Nellie C. Matthews for the establishment of the Nellie C. Matthews Memorial Fund.

Nellie C. Matthews Memorial Fund

The Nellie C. Matthews Memorial Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University with a bequest from Nellie C. Matthews through The Ohio State University Development Fund, October 10, 1967.

The bequest is to be placed in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Principal and accumulated interest are to be used to enhance programs of the University Hospitals, upon the recommendation of the Director of University Hospitals, with the approval of the Dean of the College of Medicine.

In the event the need for the University Hospitals' programs ceases to exist or so diminishes as to create unused income, then the Board of Trustees may use said income in its discretion, with preference to be given to the College of Medicine.

2. \$22,200.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$18,900.00 from the Trust under the Will of Byron W. Davis for the establishment of the Byron W. and Mabel Davis Memorial Fund.

Byron W. and Mabel Davis Memorial Fund

The Byron W. and Mabel Davis Memorial Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University Development Fund from a trust under the will of Byron W. Davis, Engr. W'18, formerly of Columbus, Ohio.

Principal is to be invested under the rules and regulations of said Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income is to be used for general medical research, with primary and overriding preference accorded to the study and research into the causes and cures for rheumatic or connective tissue diseases, including rheumatoid arthritis. If the need for research of this type should diminish so as to not exhaust the resources of the trust, the trust income shall be devoted to research into the causes and cure of some other crippling disease.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

3. Byron W. and Mabel Davis Memorial Fund (continued)

Wherever it may be feasible and practicable to do so, the University shall accord recognition of advances and accomplishments as having been financed and supported by the Byron W. and Mabel Davis Memorial Fund.

4. \$10,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for the F. I. R. E. Fund in Ceramic Engineering.
5. \$10,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for the Infectious Disease Research Fund.
6. \$9,775.00 from Goodyear Tire & Rubber Company, Akron, Ohio-- \$4,200.00 for the Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering, \$4,200.00 for the Goodyear Fellowship Fund in Organic Chemistry, \$1,000.00 for the Goodyear Foundation Scholarship Fund in Chemical Engineering, and \$375.00 as an unrestricted gift to the University.
7. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in the College of Medicine.
8. \$7,000.00 from Ayerst Laboratories, New York, New York, for the Infectious Disease Research Fund.
9. \$6,583.00 from Gulf Oil Corporation Foundation, Pittsburgh, Pennsylvania--\$4,583.00 for the Gulf Oil Corporation Graduate Fellowship and \$2,000.00 for the Gulf Petroleum Grant Fund for the Petroleum Engineering Division of the Department of Chemical Engineering.
10. \$6,000.00 from Cooper-Bessemer Company, Mt. Vernon, Ohio-- \$3,000.00 for the Cooper-Bessemer Scholarship Fund in the College of Engineering and \$3,000.00 for the Cooper-Bessemer Engineering Award Fund in the College of Engineering.
11. \$5,000.00 from Accountant's Fund, Inc., New York, New York, for the Lybrand, Ross Bros. & Montgomery Accounting Fellowship in the Department of Accounting.
12. \$5,000.00 from Ben B. Beyer, Cleveland, Ohio, for the Ben B. Beyer Scholarship Fund in the Department of Business Organization.
13. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for the Ford Motor Company Fund for Mechanical Engineering.
14. \$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.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

15. \$4,506.00 from the Ladies Auxiliary Veterans of Foreign Wars for cancer research in the College of Medicine.
16. \$4,500.00 from the Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
17. \$4,158.79 from Ullery, Vorys, Teteris, Neri & Associates, Inc. -- \$2,538.79 for the Medical Research Consultants Fund and \$1,620.00 for the Monkey Fistula Fund.
18. \$3,000.00 from the Guernsey County Cancer Society for the Guernsey County Cancer Society Fund.
19. \$2,600.00 from American Board of Preventive Medicine, Inc. , for the American Board of Preventive Medicine Fund.
20. \$2,500.00 from Buckeye Federal Savings & Loan Co. for the John W. Bricker Professorship in the College of Law.
21. \$2,400.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship in Welding Engineering.
22. \$2,255.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
23. \$2,200.00 from the Bristol Laboratories for the Bristol Laboratory Fund in Medical Microbiology.
24. \$2,000.00 from the Lazarus Store Foundation (Robert Lazarus, Sr. and Fred Lazarus, Jr.) for the Student Athlete Grant-in-Aid Fund.
25. \$2,000.00 from Sears-Roebuck Foundation for the Center for Vocational and Technical Education.
26. \$2,000.00 from Emerson S. Zuck for the establishment of the Emerson S. and Lucy J. Zuck Fund.

Emerson S. and Lucy J. Zuck Fund

The Emerson S. and Lucy J. Zuck Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from Emerson S. Zuck.

The income from the Fund shall be used at the discretion of the Directors of The Ohio State University Development Fund to provide grants-in-aid or low interest-bearing loans to needy and deserving students attending the University, providing:

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

26. Emerson S. and Lucy J. Zuck Fund (continued)

1. The grants or loans will be available only to natural born Americans, without regard to race, creed, or marital status.
2. The grants or loans shall be available only to junior, senior, or graduate students attending the University in any accredited course.
3. No grant or loan to an individual shall be in excess of two-thirds of the total cost of the individual's collegiate expense, including room and board, if the individual lives away from home.

Preference may be granted to students who are qualified and have expectations of entering the teaching profession after graduation. It is requested that nominees for the grants or loans be considered on the basis of their personal character, health, imagination, ability to get along with others, and other traits, as well as scholarship.

In case the need for grants-in-aid or loans should cease or so diminish as to create unused income, then the Directors of the Development Fund may use said income for any purpose at their discretion.

27. \$1,606.85 from Josephine S. Failer--\$1,158.85 for the Men's Glee Club Fund, \$210.00 for the College of Pharmacy Conference Room Fund, \$130.00 for the Presidents Club Fund, and \$108.00 for the Alumnae Scholarship House.
28. \$1,125.00 from Harvey S. Firestone, Jr. for the Presidents Club Fund.
29. \$1,061.62 from Arthur E. Shepard--\$500.00 for the Insurance Hall of Fame Room, \$311.62 as an unrestricted gift to the University, and \$250.00 for the Charles W. Griffith Memorial Fund.
30. \$1,050.00 from the American Cancer Society for the American Cancer Society Fellowship.
31. \$1,010.00 from Kenneth M. Clemons for the College of Dentistry Named Professorship Fund.
32. \$1,000.00 from American Welding & Manufacturing Company for the American Welding and Manufacturing Company Scholarship in Welding Engineering.
33. \$1,000.00 from Erie County Cancer Society for the Erie County Cancer Society Fund for Obstetrics and Gynecology.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

34. \$1,000.00 from The Max M. and Marjorie S. Fisher Foundation, Inc. for the Max M. Fisher Fund.
35. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
36. \$1,000.00 from Harold F. Zieg for the Ophthalmologic Center Fund.
37. \$1,000.00 from Mrs. A. B. (Dolly) Cohen for support of a series of educational television programs on a local commercial television station.
38. \$1,000.00 from friends of the University for the establishment of the Newark Campus Scholarship Endowment Fund.

Newark Campus Scholarship Endowment Fund

The Newark Campus Scholarship Endowment Fund was established December 14, 1967, by action of the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from friends of the University.

Gifts are to be invested in the University's permanent endowment under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as the occasion dictates.

Income is to be used to provide scholarships for students attending the Newark Campus of The Ohio State University. Applicants for the scholarships are to be recommended by the Director of the Newark Campus and are to be approved by the University Scholarship Committee.

If the need for these scholarships should cease to exist or so diminish as to create unused income, then the income may be used at the discretion of the Board of Trustees of the University for any purpose, with preference given to the interests and intent of the donors.

39. \$500.00 from Arthur R. Cline, Attorney-at-Law, Toledo, Ohio, for the establishment of the Arthur R. Cline Fund for College of Law.

Arthur R. Cline Fund for College of Law

The Arthur R. Cline Fund for College of Law was established December 14, 1967, by the Board of Trustees of The Ohio State University by a gift through the Development Fund from Arthur R. Cline, B. A. '23 and J. D. '25.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

39. Arthur R. Cline Fund for College of Law (continued)

The principal is to be invested in accordance with rules and regulations therefor adopted by said Board of Trustees, with 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, 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 then directly responsible for the legal education at The Ohio State University.

TOTAL - Received Through the Development Fund \$193,673.26

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

B. Report from The Ohio State University Development Fund

In October, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	717	\$ 77,805.62
Individuals other than alumni	93	24,704.86
Nonprofit organizations	31	194,064.66
Business concerns	<u>23</u>	<u>79,985.62</u>
	864	<u>\$376,560.76</u>

Of these gifts, 497 totaling \$6,354.37 were undesignated and 367 totaling \$370,206.39 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. McCracken Power Plant - Modernization of the No. 3 Boiler

This boiler is being modernized to reduce atmospheric pollution.

Funds for this project will be provided by a transfer of funds from Budget Account 121658 (Contract Repair) to Budget Account 801149 (Construction Account, McCracken Power Plant - Modernization of Boiler #3).

B. University College - Utilities

This project will provide the various utilities required in the area of the new University College and includes water supply, storm and sanitary sewers, gas service and electric service to the outside of the various buildings.

Funds for this project will be provided from Item 235-008 (Ohio Board of Regents, Technical Institutes, Community Colleges, and University Branches) and will be transferred by the Controlling Board to a new account Item 315-057 (University College - Utilities) H. B. 886.

C. Airport Operations Remodeling

This project will allow for the rehabilitation of the existing building with special emphasis on the entrances, lounges, and flight operations area.

Funds for this project will be provided from Budget Account 129060 (Engineering College Improvements Account) and Budget Account 603808 (Flight Training Clinic Account).

D. Center for Tomorrow

This project will provide a building with conference rooms, auditorium, television studios, dining facilities, offices, and dormitory rooms.

Funds for this project will be provided from Budget Account 801035 (Construction Account, Center for Tomorrow).

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 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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December 14, 1967 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 contracts were recommended for award. The action reported to the Board was as follows:

A. Parking Ramp - Ohio Union Site

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 11/16/67)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$1,029,700.00	\$1,036,563.00
Alt. G-1 Expansive Cement	+ 11,300.00	+ 10,560.00
Alt. G-3 Prefabricated Toll Booths	- 7,000.00	- 400.00
Total	<u>\$1,034,000.00</u>	<u>\$1,046,723.00</u>
<u>Plumbing Contract</u>		
(1 bid received 11/28/67)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 75,400.00	\$ 81,000.00
<u>Electrical Contract</u>		
(3 bids received 11/16/67)		
The Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 122,838.00	\$ 151,668.00
Alt. E-2 Electric for Prefabricated Booths	- 45.00	- 100.00
Total	<u>\$ 122,793.00</u>	<u>\$ 151,568.00</u>
<u>Total All Contracts</u>	<u>\$1,232,193.00</u>	<u>\$1,279,291.00</u>

Funds for this project will be provided from Budget Account 801111,
(Construction Account - Parking Ramp, Ohio Union Site).

B. Upham Hall Remodeling (Child Psychiatry Clinic)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 11/22/67)		
W. F. Daulton Co., Inc. (Columbus)		
Base Bid	\$ 22,200.00	\$ 32,730.00
Alt. G-1 Carpet, Rms. 260, 262, 264	500.00	750.00
Alt. G-2 Carpet, Rms. 254, 256, 258	540.00	750.00
Alt. G-3 Vinyl Wall Covering - Main Corridor	800.00	1,800.00
Total	<u>\$ 24,040.00</u>	<u>\$ 36,030.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Upham Hall Remodeling (Child Psychiatry Clinic) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(1 bid received 11/30/67)		
Grif M. Lewis, Inc. (Columbus)		
Base Bid	\$ 5,728.00	\$ 8,000.00
<u>Electric Contract</u>		
(4 bids received 11/22/67)		
Jess Howard Electric Co. (Columbus)		
Base Bid	\$ 7,747.00	\$ 13,220.00
<u>Total All Contracts</u>	<u>\$ 37,515.00</u>	<u>\$ 57,250.00</u>

Funds for this project are provided in Budget Account 801116, (Hospital Rotary).

C. Golf Course Club House

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 10/17/67)		
Wagenbrenner Construction Co. (Columbus)		
Base Bid	\$ 357,570.00	\$ 416,800.00
Alt. G-2 Hydraulic in Lieu of Electric Elevator	- 2,250.00	---
Negotiated Cutback	- 22,270.00	---
Total	<u>\$ 333,050.00</u>	<u>\$ 416,800.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 10/27/67)		
Limbach Co. (Columbus)		
Base Bid	\$ 91,000.00	\$ 92,000.00
Negotiated Cutback	- 4,647.00	---
Total	<u>\$ 86,353.00</u>	<u>\$ 92,000.00</u>
<u>Plumbing Contract</u>		
(3 bids received 10/27/67)		
A-1 Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 70,700.00	\$ 76,000.00
Alt. P-2 Packaged Sewage Plant	+ 22,000.00	+ 24,000.00
Negotiated Cutback	- 9,000.00	---
Total	<u>\$ 83,700.00</u>	<u>\$ 100,000.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Golf Course Club House (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 10/27/67)		
Claggett Electric Co. (Columbus)		
Base Bid	\$ 51,443.00	\$ 54,430.00
Alt. E-1 Service for Hydraulic Elevator	+ 188.00	+ 500.00
Negotiated Cutback	- 1,918.00	---
Total	<u>\$ 49,713.00</u>	<u>\$ 54,930.00</u>
<u>Total All Contracts</u>	<u>\$ 552,816.00</u>	<u>\$ 663,730.00</u>

Funds for this project are provided in Budget Account 801118, (Construction Account, Golf Course Club House).

D. University College - Building No. 2

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 11/30/67)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$1,048,700.00	\$1,444,100.00
Alt. G-2 Sliding Chalkboards	16,000.00	37,800.00
Alt. G-3 Ceramic Tile Toilet Room Walls	7,000.00	10,900.00
Alt. G-4 Aluminum Door Finish	1,400.00	1,200.00
Alt. G-9 Aluminum Louver and Fascia Finish	3,400.00	4,800.00
Total Contract	<u>\$1,076,500.00</u>	<u>\$1,498,800.00</u>
<u>Plumbing Contract</u>		
(6 bids received 11/30/67)		
Montoney's (Columbus)		
Base Bid	\$ 242,000.00	\$ 269,100.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 11/30/67)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 344,600.00	\$ 369,100.00
<u>Electrical Contract</u>		
(3 bids received 12/12/67)		
States Electric Co. (Columbus)		
Base Bid	\$ 324,000.00	\$ 361,000.00
Alt. E-2 Motorized Chalkboards	350.00	800.00
Total Contract	<u>\$ 324,350.00</u>	<u>\$ 361,800.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. University College - Building No. 2 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Lab Equipment Contract</u> (2 bids received 11/30/67) Hamilton Mfg. Co. (Two Rivers, Wisconsin)		
Base Bid	\$ 346,900.00	\$ 209,200.00
<u>Total All Contracts</u>	<u>\$2,334,350.00</u>	<u>\$2,708,000.00</u>

It will be noted that all bids received on the Lab Equipment Contract were in excess of the estimate of cost and since the Director of Public Works was of the opinion that no better bids would be received by rebidding, it was recommended that the State Controlling Board be requested to approve the award to the low bidder.

Funds for this project are provided by a transfer from Item 235-008 (Ohio Board of Regents - Technical Institutes, Community Colleges, and University Branches) to Item 315-051 (General College, Building 2), H. B. 886 and a Title I Federal Grant.

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

E. Dodd Hall Addition

The low bidder for electric work on this project, S & S Electric Co., Inc., has notified the Director of Public Works that several errors were made by them in submitting their bid and requested that their bid be withdrawn. The second lowest bidder for electric work, Pence Electric Company, has advised the Director that they would accept a contract for the project based on prices quoted on September 12. It was therefore recommended that all previous Board action relating to the award of the Electrical Contract for this project be rescinded and that the following contract be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 9-12-67) Pence Electric Co. (Columbus)		
Base Bid	\$ 147,007.00	\$ 144,390.00

Funds for this project are provided in Item 315-054, H. B. 886, and a Public Health Service Grant.

VI. REPORT OF AWARD OF CONTRACTS (continued)

F. Humanities Center - Foreign Languages Building

On September 14, 1967, the Board of Trustees approved the award of contracts for this project but the Department of Public Works was unable to completely execute the contracts within the thirty-day provision in the contract documents because the Office of Education, Department of Health, Education, and Welfare would not concur in the award. McCarty Brothers Electric Company has therefore notified the Director of Public Works that they wish to withdraw their bid. The second lowest bidder, States Electric Co., Inc., will accept a contract for the electrical work based on prices quoted August 30. It was therefore recommended that previous Board action relating to the award of the Electrical Contract for this project be rescinded and that the following contract be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(5 bids received 8-30-67)		
States Electric Co., Inc. (Columbus)		
Base Bid	\$ 294,300.00	\$ 272,600.00
Alt. E-3 Conduit for Vacuum-Cleaning System	<u>855.00</u>	<u>1,500.00</u>
Total Contract	<u>\$ 295,155.00</u>	<u>\$ 274,100.00</u>

Funds for this project are provided from Item 315-044, H. B. 886, and a Title II Federal Grant.

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

* * *

VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 29 Transfers and releases \$1,500.00 from Item 016 Medical Complex to Item 052 Mental Retardation Center, H. B. 886, to provide funds for site surveys, test borings, etc., for this project.

* * *

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Tuberculosis Hospital Remodeling - Employment of Architects

President Fawcett recommended that the architectural firm of McGee and Albert be employed to provide preliminary drawings, outline specifications, and estimate of cost only for this project.

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

A. Tuberculosis Hospital Remodeling - Employment of Architects (continued)

If the project proceeds beyond the preliminary stage, it is understood that any payment made for the preliminary work will be deducted from the fee established for the complete project. The fee for this preliminary work will be computed on the usual basis and is estimated to be \$2,560.00. It was further recommended that \$20,000.00 be transferred from Budget Account 960200 Hospital Rotary to Budget Account 801139 to implement this project.

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

B. Special Policemen Commissions

At the request of the Vice President for Business and Finance, President Fawcett recommended that Ronald Gene Cottrill and James G. Sullivan, Jr., be designated as Special Policemen pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Cottrill and Mr. Sullivan, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

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

Following action upon the above motion, the Board of Trustees agreed unanimously that the responsibility for the designation of an employee of the University as a Special Policeman, pursuant to the provisions of Section 3345.04 of the Ohio Revised Code be delegated to the President and that any employee so designated shall take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

C. ROTC Classroom Building Equipment

Provision for the purchase of movable equipment was not included in the project to renovate the ROTC Classroom Building when it was authorized by the Board of Trustees on June 8, 1967. The estimates of cost for such equipment are now available, and President Fawcett therefore recommended that an amount of \$40,000.00 be appropriated from the investment income on the civilian-military portion of the Mershon Fund and transferred to Budget Account 801127 Military Science Remodeling to provide the necessary funds to complete this renovation project.

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

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

D. Purchase of Property, 2477 Wood Avenue

President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Ellen Foster at a price of \$6,000.00:

Property known as 2477 Wood Avenue, being Lot #39, 2nd Wood-Brown Addition, Clinton Township, County of Franklin, State of Ohio.

It was further recommended that funds be transferred from the Budget Account 179999 University Treasurer General Fund to Budget Account 801099 Purchase of Land for this purpose.

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

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Philippe Reed Lawson, Professor in the Department of Psychology. 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. (Phillippe) Reed Lawson

The Board of Trustees expresses its sorrow at the death on October 31, 1967, of Reed Lawson, Professor in the Department of Psychology.

Dr. Lawson was born August 16, 1929. Despite his young age, he had a brilliant career in psychology.

After receiving his B. S. J. degree at Northwestern University in 1950, he enrolled at the University of Missouri where he earned his M. A. degree in 1952 and his Ph. D. degree in 1955. He remained as Assistant Professor at Missouri for the year 1956-57. He joined the faculty at The Ohio State University in 1957 with the rank of Instructor, was promoted to Assistant Professor in 1958, to Associate Professor in 1961, and to Professor in 1965. He was admitted to the Graduate Faculty in 1960 and chaired eleven Master of Arts and six Doctor of Philosophy graduates.

Dr. Lawson was an excellent teacher. He had broad intellectual interests outside psychology and a deep preoccupation with philosophical problems. His ability to interweave these interests with psychological concepts, lacing all with a sense of humor, made his courses particularly interesting and stimulating. His devotion to and work with the honors program at Ohio State demonstrated his concern with the quality of education as a whole.

December 14, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. (Philippe) Reed Lawson (continued)

He was also a dedicated researcher and writer. He pursued exhaustively a line of research which he knew to be important, and he made many very valuable contributions to the periodical literature of his field in a wide variety of professional journals. In addition, he had a breadth of perspective which enabled him to write two books of more than experimental significance--Learning and Behavior and Frustration. He was engaged in writing a third book at the time of his death. Thus he was a scientist of national repute, and his death is a loss to the University.

Dr. Lawson, despite his devotion to teaching and research, was also a person who took his membership in the University community seriously. He was always willing to carry his share of any load. He was a member of and chairman of several important departmental committees and University committees.

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

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X. REPORTS

A. Reports from the President

1. Transfer of Property - South Bass Island, Light Station - to the Board of Trustees of The Ohio State University

On July 13, 1967, the Board of Trustees of The Ohio State University authorized Novice G. Fawcett, President, or Gordon B. Carson, Vice President for Business and Finance, to do and perform all necessary acts to transfer the property known as Light Station, South Bass Island, from the Department of Health, Education, and Welfare, to the Board of Trustees of The Ohio State University. The General Services Administration presented an appraisal report from H. Brentwood Biggs, M. A. I., Toledo, Ohio, indicating the fair market value of the property to be \$15,500.00. On October 31, 1967, the property was transferred to the Board of Trustees of The Ohio State University.

December 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Reports from the President (continued)

2. Sale of Property

President Fawcett further reported that in accordance with the recommendation of the Finance and Investment Committee, as approved by the Board of Trustees on December 10, 1964, the sale of the subject property has been consummated and the proceeds were as follows:

79 North High Street	\$42,000.00
102 East Main Street	<u>45,005.00</u>
	\$87,005.00

The proceeds of the sale have been deposited in the University Endowment Fund to be used for the College of Medicine, with emphasis on, but not restricted to, cancer research, in accordance with the terms of the bequest of Howard B. Monett.

3. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks and activities to take place in the near future. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

- a) Mr. Earl F. Morris, Columbus attorney and president of the American Bar Association, will address the graduating class at Autumn Quarter Commencement Friday, December 15, 1967.
- b) Acquisition of The Ohio State University Libraries' two-millionth volume was celebrated November 21, 1967, with a campus program. The libraries, now ranking 16th in size among the nation's university libraries with some 2,030,000 volumes, are expected to reach the three-millionth volume in about seven years at the present rate of growth and to double the holdings by 1982.
- c) A new type of paramedical specialist will be trained in a unique program now being planned by the College of Medicine. The first school for "extracorporeal circulatory systems" specialists is being developed by the College. Its aim is to produce highly qualified persons capable of operating all types of medical electronic instruments and devices located outside the body through which blood is circulated.

December 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Reports from the President (continued)

3. Highlights of University Activities (continued)

- d) University engineers have been asked by the National Traffic Safety Bureau of the U. S. Department of Transportation to suggest possible improvements in the currently used automobile taillight systems.
- e) Ohio State ranks second in the nation in the number of students studying agriculture, a recent survey shows. Ohio State has an agriculture enrollment this year of 2,155 students, an increase of 100 students over 1966. Iowa State leads in agriculture enrollment with 2,792 students.
- f) Two hundred forty high school seniors were honored by The Ohio State University for their outstanding academic achievement at a reception held at the University on November 29. Thirty-five Columbus and Franklin County high schools were represented.
- g) Centennial objectives for the University's centennial observance were outlined in a progress report by Dr. Alfred B. Garrett, Vice President for Research and Chairman of the Planning Committee. The University's 100th anniversary will be celebrated during 1970. The five objectives are:
 - 1) To bring to the campus, the alumni, the state, the nation, and the world community a deeper understanding of this University and of its important and changing role over the years in exploring and shaping the future.
 - 2) To assess Ohio State's first 100 years, to honor those leaders of the past as men of vision, and to draw upon past gains in initiating a changing vision for the future.
 - 3) To identify those major problems which must be solved during the next century if civilization is to continue.
 - 4) To stimulate the University community to plan positively for the future.
 - 5) To challenge the leaders in the University, the community, the state, and the world to "gear up" to meet the challenges of the next century.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated November 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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December 14, 1967 meeting, Board of Trustees

Thereupon the Board adjourned.

Attest:

John T. Mount
Secretary

APPENDIX III

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 15, 1967

Page 378 is blank

The Recipient of the Honorary Degree

SHERMAN EMERY LEE
DOCTOR OF HUMANE LETTERS

Distinguished scholar, author, museum director, and humanist, whose growing influence in the arts has reached an international dimension.

Under the leadership of Sherman Emery Lee, the Cleveland Museum of Art has become one of the world centers of art appreciation and study. To a great extent, the excellence of the museum's collections reflects the skill, imagination, and scholarly commitments of Dr. Lee, its Director. Today, teachers and scholars from this country and abroad are drawn to the museum by the unusual opportunities it affords for the study of a wide range of art forms.

Dr. Lee possesses that rare blend of qualities which combines broad understanding and insights with specialized training and competencies. His remarkable grasp of Oriental art and culture has earned him a series of significant positions: Curator of Far Eastern Art at the Detroit Institute of Arts, from 1941 to 1947; Associate Director and Curator of Oriental Art at the Seattle Art Museum, from 1948 to 1952; and Curator of Oriental Art at the Cleveland Museum, which he holds in addition to the Directorship, from 1952 to the present. From 1944 to 1946, while in the Armed Forces, he was Advisor on Collections and later Officer in Charge of the Arts and Monuments Division, General Headquarters, Tokyo.

Dr. Lee's demonstrated interests and experiences extend from the "museum world" to that of the university community. He holds the A.B. and M.A. degrees from American University and the Ph.D. from Western Reserve University. From 1948 to 1952, he served as lecturer in the History of Art at the University of Washington. He became professor of art at Western Reserve University in 1962.

He is the author or co-author of numerous books on Oriental art and a leader in the major professional organizations in his fields of interest.

Today, at a high point in his career, Dr. Lee may look back on an impressive list of accomplishments as a scholar, museum director, and teacher. Ahead there is the almost limitless potential of a disciplined and imaginative mind that seeks enriched and enlarged possibilities for the study of art.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Merlin Fred Ager.....Cedarville
A.B. (Cedarville College); M.S. Educ. (University of Wisconsin)
Dissertation: A Study of the Relationships between Selected Personality Variables and Verbal Behavior, Supervisory Ratings, and Grades of Student Teachers
Field of Specialization: Education
- Jorge Narcisco Artigas.....Santiago, Chile
Ing. Agron. (Universidad Catolica de Chile); M.Sc.
Dissertation: The Asilidae (Diptera) of Chile
Field of Specialization: Zoology and Entomology
- Terry Allen Balding.....Macomb, Ill.
B.S. in Ed., M.S. (Western Illinois University)
Dissertation: Some Effects of Density on Behavior and Physiology of Confined Populations of Wild Ring-Necked Pheasants
Field of Specialization: Zoology and Entomology
- Tikam Lakhmichand Balwani.....New Delhi, India
B.V.Sc. and A.H. (Bihar University); M.Sc.
Dissertation: Hemicellulose Digestion and Volatile Fatty Acid Production with Sorghum Fed as Green Chop and Silage to Sheep
Field of Specialization: Animal Science
- Charles Joseph Beatty.....Iron Mountain, Mich.
B.S. (Northern Michigan University); M.A. (Michigan State University)
Dissertation: Museums of Industry
Field of Specialization: Education
- Clifford Andrew L. Becker.....Miltona, Minn.
B.S. (College of Saint Thomas); M.Sc.
Dissertation: Crystal Field-Spin Orbit Perturbation Calculations for Trigonal Bipyramidal Environment
Field of Specialization: Chemistry
- Robert Emmet Bernard.....Metairie, La.
B.S. (Tulane University)
Dissertation: Synthesis and Chemistry of 3,3-Disubstituted Indazoles
Field of Specialization: Chemistry
- Henry Roland Besch, Jr.....Columbus
B.Sc.
Dissertation: Studies on the Relationship of the Subcellular Distribution of Dihydroquinidine to the Change in the Ventricular Conduction Velocity in the Guinea Pig Heart
Field of Specialization: Pharmacology
- Amar Nath Bhattacharya.....Calcutta, India
B.V.Sc. (Bengal Veterinary College); M.Sc.
Dissertation: The Effect of Psychotropic Drugs on Regulation of ACTH Secretion in Rats
Field of Specialization: Pharmacology

- Harvey Frederick Blanck, Jr.....Clarksville, Tenn.
 A.B. (Miami University) ; M.Sc.
Dissertation: Studies of the Interaction of Chlorophyll *a* and Pheophytin *a* with Some Aromatic Nitro Compounds Using Visible Absorption Fluorescence and Nuclear Magnetic Resonance Spectroscopic Techniques
Field of Specialization: Chemistry
- Robert Lynwood Blevins.....Lexington, Ky.
 B.S., M.S. (University of Kentucky)
Dissertation: Micromorphology of Soil Fabric at Tree Root-Soil Interface
Field of Specialization: Agronomy
- Pearl Garrett Bradley.....Greensboro, N. C.
 B.S. (Agricultural and Technical College of North Carolina) ; A.M. (University of Michigan)
Dissertation: A Criticism of the Modes of Persuasion Found in Selected Civil Rights Addresses of John F. Kennedy, 1962-1963
Field of Specialization: Speech
- Sergio Alberto Brandt.....Sao Paulo, Brazil
 Engenheiro Agronomo (Universidade Rural do Estado de Minas Gerais) ; M.S. (Purdue University)
Dissertation: Spatial Analysis of the World Coffee Market: The Brazilian Competitive Position
Field of Specialization: Agricultural Economics and Rural Sociology
- Lawrence Frederick Bryant.....Pittsburgh, Pa.
 B.S. in Met.E., (Carnegie Institute of Technology)
Dissertation: Some Interfacial Properties of Face Centered Cubic Cobalt
Field of Specialization: Metallurgical Engineering
- Denver Peeper Burns.....Bryan
 B.Sc. in Agr., M.Sc.
Dissertation: The Impact of Tuliptree Scale Feeding on Its Host, Yellow-Poplar
Field of Specialization: Zoology and Entomology
- William Lee Butterfield.....Columbus
 B.A. (Ohio Northern University) ; B.D. (Garrett Biblical Institute)
Dissertation: Secondary Curriculum Model Building Using a Synthesis of the Thought of Harold Alberty and Jerome Bruner
Field of Specialization: Education
- Lai-Man Chan.....Hong Kong, China
 B.Sc. (Taiwan Provincial Cheng Kung University) ; M.Sc.
Dissertation: Studies on the Interaction of Acriflavine with DNA and RNA
Field of Specialization: Chemistry
- Thomas Nicholas Chirikos, Jr.....Chicago, Ill.
 B.A. (Coe College, Iowa) ; M.A.
Dissertation: Bolivia: A Case Study in the Theory and Practice of Human Resource Planning
Field of Specialization: Economics

- Frances Marion Clements.....Columbus
 A.B. (Randolph-Macon Woman's College); M.A.
Dissertation: Social Criticism in the English Novel, 1740-1754
Field of Specialization: English
- Bud Theodore Cochran.....Dayton
 B.A. (College of Steubenville); M.A.
Dissertation: A Definitive Edition of Edward Eggleston's The Hoosier School-Master
Field of Specialization: English
- Peter James Conigliaro.....Milwaukee, Wis.
 B.S., M.S. (Marquette University)
Dissertation: Synthesis of Nucleosides of 2-Amino-2-Deoxy Sugars
Field of Specialization: Chemistry
- Thomas Chalmer Coulter.....Crete, Nebr.
 B.S. in Edu., M.A. (Kent State University)
Dissertation: A History of Woman Suffrage in Nebraska, 1856-1920
Field of Specialization: History
- Irving Charles Cross.....Ft. Collins, Colo.
 B.S., M.E. (Colorado State University)
Dissertation: Scholastic Achievement of Colorado Vocational Agriculture Students Enrolled at Colorado State University from 1950 to 1960
Field of Specialization: Agricultural Education
- Donald Lee Daniel.....Reading, Pa.
 B.Sc. in Agr., M.Sc.
Dissertation: Some Effects of Pregnant Mare's Serum on the Targhee Ewe
Field of Specialization: Animal Science
- Jean Dearth Dickerscheid.....Columbus
 B.Sc. in H.E., M.Sc.
Dissertation: Development of a Method of Measuring the Effect of a Preschool Child on the Mother's Heart Rate
Field of Specialization: Home Economics
- Adrian Charles Edwards.....Kalamazoo, Mich.
 B.Com. (Saint Francis Xavier University); M.B.A. (University of Detroit)
Dissertation: Canadian Private Pension Plans: A Study of Their History, Trends, Taxation, and Investments
Field of Specialization: Business Organization
- Samir Salem El Miladi.....Victoria, Alexandria, Egypt
 B.Sc. (Agr.) (Alexandria University); M.S. (Oregon State University)
Dissertation: Effect of Heat Processing on Starch, Sugars, Proteins, Amino Acids, and Organic Acids of Tomato Juice
Field of Specialization: Horticulture and Forestry
- Franz Ryan Epting.....Forest, Miss.
 B.A. (Millsaps College); M.A.
Dissertation: Cognitive Complexity and Persuasibility across Cognitive Domains
Field of Specialization: Psychology

- Sidney Horace Evans..... Greensboro, N. C.
 B.S. (Virginia State College); M.S. (Iowa State University)
Dissertation: Analysis of Costs and Benefits from Commuting for Employment among Core and Satellite Communities in the Appalachian Region of Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- June Trachtenberg Fox.....Columbus
 B.S. (Northwestern University); M.A.
Dissertation: Jerome Bruner and His Predecessors in the Contemporary Intellectual Tradition
Field of Specialization: Education
- William Edward Francois.....Huntington, W. Va.
 B.S., M.S. (Northwestern University)
Dissertation: Designing, Developing, and Testing Programed Instruction for Beginning News Writers
Field of Specialization: Education
- Michael John Free.....Buntingford, England
 B.Sc. (hons.) (University of Nottingham); M.Sc.
Dissertation: Radiorespirometric Studies on Glucose Metabolism in Mammalian and Avian Testes
Field of Specialization: Dairy Science
- Melvin Lee Gary.....Washington, Pa.
 B.A. (Haverford College, Pennsylvania); M.A.
Dissertation: Field Dependence and Susceptibility to Social Influence
Field of Specialization: Psychology
- Richard Eugene Gillespie.....Delta
 B.A. (Ohio Wesleyan University)
Dissertation: The Rotational Spectrum of Hydrogen Sulfide
Field of Specialization: Physics
- Seymour Edward Goldstone.....Utica, N. Y.
 A.B. (Antioch College)
Dissertation: Short Run Instability in the Industrial Contract Research Industry
Field of Specialization: Economics
- Lawrence Conde Greene.....Dayton
 B.S. (Western Michigan University); M.A. (Kalamazoo College)
Dissertation: Series Assignments in the Flourescence Line Spectra of High Purity Cadmium Sulfide
Field of Specialization: Physics
- Donald Lee Gregory.....Columbus
 B.A. (Bucknell University); M.A.
Dissertation: An Internal Analysis of the Fiction of Flannery O'Connor
Field of Specialization: English
- Michael Guarnieri.....Warren
 B.S. (University of Notre Dame); M.Sc.
Dissertation: The Role of Essential Fatty Acids in Mitochondrial Membranes
Field of Specialization: Physiological Chemistry

- Raja Faris Hajjar**.....Beirut, Lebanon
 B.A., M.A. (American University of Beirut); M.Sc.
Dissertation: The Determination of the Second Virial Coefficients and the Molecular Constants of Six Halogen-Substituted Methanes by a Gas Balance Method
Field of Specialization: Chemistry
- Ronald James Hall**.....Brookfield, Ill.
 B.A. (Rice Institute)
Dissertation: A Coincidence Technique for the Nondestructive Measurement of the Neutron Capture Rate of a ^{235}U Foil in a Zero Power Fast Reactor
Field of Specialization: Physics
- Walter George Harter**.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: The Computer and Linear Programming as Important Instruments for Decision Making Assistance for Farmers
Field of Specialization: Agricultural Economics and Rural Sociology
- John Edwin Hendrix**.....Oakhurst, Calif.
 B.S., A.B. (Fresno State College); M.Sc.
Dissertation: Studies on Labeling Pattern of Translocated Stachyose in Squash
Field of Specialization: Botany
- Judith Ann Herrold**.....La Porte, Ind.
 B.S. (Indiana University); M.A. (Michigan State University)
Dissertation: An Exploratory Study of the Role of Binocular Vision in Performance of Dynamic Movement in Tennis Skills
Field of Specialization: Physical Education
- Robert Elden Hicks**.....Canal Winchester
 B.Sc. in Bus. Adm., M.A.
Dissertation: An Analysis of the Influence of Certain Fiscal Variables on the Success of Proposed School Tax Levies and Bond Issues for Public School Support in Ohio
Field of Specialization: Economics
- Robert Giffen Holmes**.....Urbana
 B.Agr.E., M.Sc.
Dissertation: Aeration of Distilled Water by a Partially-Submerged Rotary Disc Contractor
Field of Specialization: Agricultural Engineering
- Sara Louise Houston**.....Oberlin
 B.A., M.S. (Wellesley College)
Dissertation: A Phenomenological Study of Movement Behavior
Field of Specialization: Physical Education
- Raymond Wilbur Hurd**.....Chardon
 B.S.Ed., M.Ed. (Ohio University)
Dissertation: Use of Finite Mathematical Systems in Teaching Mathematics for Elementary Teachers
Field of Specialization: Education

- William Edgar Hymans.....Cincinnati
 A.B. (Cornell University)
Dissertation: The Synthesis of Cyclosteroids
Field of Specialization: Chemistry
- Edward Milton Ifft.....Butler, Pa.
 B.S. (Antioch College)
Dissertation: The Phase Separation Curve and Molar Density of Dilute He³ - He⁴ Mixtures.
Field of Specialization: Physics
- Larry Lynn Jackson.....New York, N. Y.
 B.S. (Virginia Military Institute)
Dissertation: Carbenic Reactions of Substituted Thiophenes and Furans
Field of Specialization: Chemistry
- Kenneth Allen Jacobus.....Plymouth, Mich.
 A.B. (Albion College); M.A.
Dissertation: The Effects of Chunk Member Unlearning on Recall of Other Chunk Members.
Field of Specialization: Psychology
- Kenneth William Johnson.....East Cleveland
 B.S. (Miami University); M.Sc.
Dissertation: The Far Infrared Optical Properties of KCl and KBr
Field of Specialization: Physics
- Gary Martin Kaufman.....Hastings, Nebr.
 B.A. (Hastings College)
Dissertation: Studies of Base-Catalyzed Decompositions of Tosylhydrozones
Field of Specialization: Chemistry
- Robert Vaughn Kerwood.....Morgantown, W. Va.
 B.S.Agr., M.S. (West Virginia University)
Dissertation: Self-Initiated Evaluation of State Teacher Education Programs in Vocational Education
Field of Specialization: Agricultural Education
- Thomas Owen Kirkpatrick.....San Angelo, Texas
 B.B.A., M.B.A. (North Texas State University)
Dissertation: An Analysis of the Pricing Function in Advertising Agencies
Field of Specialization: Business Organization
- Mohan Koka.....Vijayawada, India
 B.V.Sc. (University of Madras); M.S. (University of Rhode Island)
*Dissertation: Factors Influencing Post-Dormant Activity of *Bacillus cereus* Spores in Milk and Model Systems*
Field of Specialization: Dairy Technology

- Donald Ward Kurtz**.....Columbus
 A.B. (Denison University); M.S. (Ohio University)
Dissertation: The Synthesis and Reactions of Substituted α -Diazo mines
Field of Specialization: Chemistry
- Marvin Lawrence Light**.....Montreal, Quebec, Canada
 B.S. (McGill University, Canada); M.A.
Dissertation: An Experimental Study of the Effects of Repeated
 Persuasive Communications upon Awareness and Attitudes
Field of Specialization: Psychology
- Kenneth Maynard Long**.....Osceola, Ind.
 B.S. in Edu. (Goshen College); M.A.T. (Chem.) (Michigan State Uni-
 versity)
Dissertation: Cobalt Complexes of Tetradentate Macrocyclic Ligand
Field of Specialization: Chemistry
- Lewis Roy Lowry, Jr.**.....Lima
 A.B., M.S. (Miami University)
Dissertation: An Electron Paramagnetic Resonance Study of Doubly
 Ionized Manganese in Beryllium Basic Acetate Single Crystals
Field of Specialization: Physics
- Joseph Mahler**.....Columbus
 S.M. (Harvard University)
Dissertation: The Use of Higher Nyquist Rate Frequency Character-
 istics to Increase the Capacity of Digital Data Transmission Systems
Field of Specialization: Electrical Engineering
- Robert Emmett Manning**.....Pittsburgh, Pa.
 B.S. in M.E. (Carnegie Institute of Technology); M.Sc.
Dissertation: Effect of Electromagnetic Wave Radiation on the Energy
 Transmission of Partially Transparent Material
Field of Specialization: Mechanical Engineering
- Kevin Thomas Mansfield**.....River Edge, N. J.
 B.S. (Fordham University); M.Sc.
Dissertation: Contributions to the Chemistry of Bicyclo[2.1.0]Pentane
Field of Specialization: Chemistry
- Joseph Thomas Mayhan**.....Columbus
 B.S.E.E. (Purdue University); M.Sc.
Dissertation: The Interaction of Intense Microwave Fields with Initially
 Heated Air
Field of Specialization: Electrical Engineering
- Theodore Cline McDowell**.....Ashland
 B.Sc. in Agr.; M.S. (University of North Carolina)
Dissertation: The Effect of Differential Nitrogen, Calcium Nutrition,
 and B-Nine (N-Dimethyl Amino Succinamic Acid) Application on
 Foliar Analysis and Flowering Quality of 'Red Wing' Azaleas
Field of Specialization: Horticulture and Forestry
- Paul Russell Measel**.....Dayton
 B.Sc.
Dissertation: Techniques Developed for Measuring Directional Correla-
 tions between X Rays and Conversion Electrons or Gamma Rays in the
 Study of Cerium 139
Field of Specialization: Physics

- Alida DeForrest Mixson.....Columbus
 B.A. (University of Massachusetts); M.A. (Syracuse University)
Dissertation: The Attitudes and Perceptions of Neuropsychiatric Patients towards Themselves and Their Hospital Environment
Field of Specialization: Psychology
- David Lloyd Moffatt.....Columbus
 B.E.E., M.Sc.
Dissertation: Interpretation and Application of Transient and Impulse Response Approximations in Electromagnetic Scattering Problems
Field of Specialization: Electrical Engineering
- James Patrick Moreland.....Dayton
 B.E.E., M.Sc.
Dissertation: Optical Heterodyne Detection of a Randomly Distorted Signal Beam
Field of Specialization: Electrical Engineering
- Forest Vern Muir.....Marion, Ill.
 B.S., M.S. (Southern Illinois University)
Dissertation: Genetic Increase in Bursa of Fabricius Weight at Hatching and Correlated Responses in the Domestic Fowl
Field of Specialization: Poultry Science
- Hedy Ann Mulhausen.....Cleveland
 A.B. (Ursuline College); M.Sc.
Dissertation: Studies on the Shift in the Lactate Dehydrogenase Isozyme Distribution Pattern in Rat Epididymal Adipose Tissue
Field of Specialization: Biochemistry
- Carl Edgar Norman.....Houston, Tex.
 B.A. (University of Minnesota); M.Sc.
Dissertation: Microfractures in Brittle Rocks: Their Relationship to Larger Scale Structural Features and Existing Ground Stresses
Field of Specialization: Geology
- Jack M. Ott.....Marion, Ind.
 A.B. (Marion College); M.A. (Ball State Teachers College)
Dissertation: A Decision Process and Classification System for Use by Title I Project Directors in Planning Educational Change
Field of Specialization: Education
- Joseph Nicholas Panzarino.....Suffern, N. Y.
 B.S. (United States Naval Academy)
Dissertation: Microporosity Effects on Mechanical and Electrical Behavior of Sintered Ceramics
Field of Specialization: Ceramic Engineering
- Jean Louise Parsons.....Olympia, Wash.
 B.A. (Washington State University); M.A.
Dissertation: Perceptions of Urban Disadvantaged and Non-Disadvantaged Junior High School Students
Field of Specialization: Psychology
- Norbert Anthony Pilewski.....Oil City, Pa.
 B.S. Phar., M.Sc. (University of Pittsburgh)
*Dissertation: A Phytochemical Investigation of the Bark of *Codonocarpus australis* A. Cunningham*
Field of Specialization: Pharmacy

- Thomas Clough Rambo.....Ludhiana, Punjab, India
 B.A. (College of Wooster); M.Sc.
Dissertation: Social Hierarchy in Caged Flocks of Slate-colored Juncos, Junco hyemalis
Field of Specialization: Zoology and Entomology
- James Earl Reinoehl.....Massillon
 B.Met.E., M.Sc.
Dissertation: Chronopotentiokinetic Studies of the Passivation of High-Purity and Sulfurized Iron in 1N H₂SO₄
Field of Specialization: Metallurgical Engineering
- Norman Norris Roberts.....Morehead, Ky.
 B.S. (Morehead State University, Kentucky); M.S. (Stout State College, Wisconsin)
Dissertation: Industrial Arts Education in Kentucky
Field of Specialization: Education
- John Howard Robson.....East Liberty
 B.S. (Ohio Northern University)
Dissertation: Migratory Studies of β -heteroatomic Substituents to Divalent Carbon
Field of Specialization: Chemistry
- Melvin Harris Rosen.....Drexel Hill, Pa.
 B.S. (Philadelphia College of Pharmacy and Science)
Dissertation: Strained and Highly Reactive Tetravalent Sulfur-Containing Molecules
Field of Specialization: Chemistry
- George James Royce.....Kalamazoo, Mich.
 B.A. (Michigan State University); M.A.
Dissertation: A Comparative Morphological Investigation of Neuroglia in the Hypothalamus of the Opossum, Armadillo, and Cat
Field of Specialization: Anatomy
- Edwin Joyce Royer.....Arcanum
 B.Sc. in Agr., M.Sc.
Dissertation: A Consumer Analysis of Farm and Roadside Markets in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- William James Russell.....Panama, Okla.
 B.S., M.S. (Oklahoma State University, Stillwater)
*Dissertation: Effect of Defoliation Treatments at Various Stages of Plant Development and Row Spacings on Corn (*Zea mays* L.) Production*
Field of Specialization: Agronomy
- Herbert Schaadt, Jr.....Van Wert
 B.Sc. in Agr., M.Sc.
Dissertation: Effects of Urea-Limestone Treatment on Metabolism of Corn Silage in Sheep, Lactic Acid Metabolism by Rumen Microorganisms, and Nitrogen Distribution in the Silage
Field of Specialization: Animal Science
- Robert Henry Schafer.....Belleville, N. J.
 B.S. in E.E., M.S. (Newark College of Engineering)
Dissertation: Transient Currents on a Perfectly-Conducting Cylinder Illuminated by Unit-Step and Impulsive Plane Waves
Field of Specialization: Electrical Engineering

- Martin Bennett Schrank**.....University Heights
 B.E.E. (Rensselaer Polytechnic Institute); M.A.
Dissertation: An Analysis of the Decision-Making Process
Field of Specialization: Psychology
- Lois Ann Simonds**.....Westlake
 B.Sc. in H.E., M.Sc.
Dissertation: A Study of the Variation in Food Costs in Four Cities in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Babu Singh Siradhana**.....Jobner, Rajasthan, India
 B.Sc., M.Sc. (Vikram University)
*Dissertation: Pathogenic Variability within *Phytophthora parasitica* as Related to Formation of Post-Infectious Antifungal Substances in Peperomia*
Field of Specialization: Plant Pathology
- Malcolm Jules Smith**.....Akron
 B.S. (Kent State University); M.S. (Iowa State University)
Dissertation: Nuclear Magnetic Resonance Studies in Solid Deuterium
Field of Specialization: Chemistry
- Thomas Alexander Smith**.....Reidsville, N. C.
 B.A. (Wake Forest College); M. A. (Cornell University)
Dissertation: L'Union pour la Nouvelle République: Gaullism in the Fifth Republic
Field of Specialization: Political Science
- Betty Briggie Smythe**.....Delaware
 B.S. (Muskingum College); M.Sc.
Dissertation: A Study of Intrinsic and Extrinsic Prescriptive Values in Relation to the Use of Economic and Cognitive Resources by Husbands and Wives of the Middle Socio-Economic Group
Field of Specialization: Home Economics
- Homer Eugene Spence**.....Dover
 B.Sc. in Bus.Adm., M.B.A.
Dissertation: Perceived Risk: The Case of Mail Order Buying Versus Non-Mail Order Buying
Field of Specialization: Business Organization
- Robert Alfred Stein**.....Columbus
 B.S. (University of Illinois); M.Sc.
Dissertation: Vibrations of Tubes Containing Flowing Fluid
Field of Specialization: Engineering Mechanics
- Vijay Chinnaswamy Swamy**.....Bombay, India
 B.Pharm. (Nagpur University); M.Sc.
Dissertation: Modification of Norepinephrine Responses by D, L Isomers and Desoxy Sympathomimetic Amines
Field of Specialization: Pharmacy
- John David Swisher**.....Delaware
 B.Sc. in Edu., M.A.
Dissertation: Professional School Counselors and Staff Conflicts
Field of Specialization: Education

- Edward Harold Takken.....Palatka, Fla.
 B.S. (Florida State University)
Dissertation: A Wave-Radiation Model for the Onset of Dissipation in Superfluid Helium at the Roton Critical Velocity
Field of Specialization: Physics
- †Powell Elford Toth.....Dayton
 B.S.Ed., M.Ed. (Miami University)
Dissertation: Societal Change and Professional Personnel Administration
Field of Specialization: Education
- Edison Jean Trickett.....Washington, D. C.
 B.A. (Trinity College, Connecticut); M.A.
Dissertation: Conformity Behavior as a Function of Achievement Motivation, Task Difficulty, and Information
Field of Specialization: Psychology
- William Burdette Wagner.....Cedar Falls, Ia.
 B.B.A. (Michigan State University); M.B.A.
Dissertation: An Empirical Test of Reilly's Law of Retail Gravitation
Field of Specialization: Business Organization
- Ronald Gary Wallace.....Cadiz
 B.S. (Kent State University); M.Sc.
Dissertation: Types and Rates of Alpine Mass Movement, West Edge of Boulder County, Colorado Front Range
Field of Specialization: Geology
- William David Washington.....Washington, D. C.
 B.A., M.A. (Howard University)
Dissertation: The Penny Magazine: A Study of the Genesis and Utilitarian Application of the Popular Miscellany
Field of Specialization: English
- Simha Weissman.....Tel-Aviv, Israel
 B.Sc., M.Sc.
Dissertation: Horizon-Controlled Analytical Strip Triangulation
Field of Specialization: Geodetic Science
- Bobbie Joan Wilson.....Trion, Ga.
 B.S. in Bus.Adm. (Georgia State College for Women); M.S. (University of Tennessee)
Dissertation: A Measurement of Selected Economic Understandings of Junior Achievers
Field of Specialization: Education
- Mark Ferlin Wilson.....Wantagh, Long Island, N. Y.
 B.S. (Union College, New York); M.Sc.
Dissertation: Osmotic Pressure of Dilute Solutions of He³ in He⁴
Field of Specialization: Physics
- William Thomas Wilson.....Ft. Collins, Colo.
 B.S., M.S. (Colorado State University)
Dissertation: Viability, Development, and Rate of Passage of the Pathogenic Bacterium, Bacillus larvae White, in the Hemolymph and Alimentary Canal of the Adult Honey Bee, Apis mellifera L.
Field of Specialization: Zoology and Entomology

† Degree granted in cooperation with Miami University.

- Richard Lee Wink.....Mansfield
 A.B. (Findlay College); M.A.
Dissertation: Relationship of Self-Concept and Selected Personality
 Variables to Achievement in Music Student Teaching
Field of Specialization: Education
- Ralph A. Winter.....Lodi
 B.A. (Ohio Wesleyan University); LL.B. (Cleveland-Marshall Law
 School); M.A.
Dissertation: Regulation of the Consumer Finance Industry: A Re-
 appraisal of Its Economic Impact
Field of Specialization: Economics
- Lawrence David Wise.....North Canton
 B.A. (Manchester College); M.Sc.
Dissertation: The Synthesis and Reactions of 4*H*-Thiopyran-4-one
 1, 1-Dioxide and Derived Cage Molecules
Field of Specialization: Chemistry
- Roy Paul Wittlinger.....Barker, N. Y.
 B.A. (College of Wooster); M.A.
Dissertation: Phasic Arousal in Short-Term Memory
Field of Specialization: Psychology
- Alan Jay Wyner.....Cleveland
 B.A. (Northwestern University); M.A.
Dissertation: American State Governors and Their Offices
Field of Specialization: Political Science
 (One hundred and eleven candidates)

Master of Arts

- Matthew Joseph Andresino.....Garden City, N. Y.
 B.A. (Canisius College); M.A. (Columbia University)
Field of Specialization: Psychology
- †Jackson Von Babcock.....Avon Lake
 B.A. (Principia College, Illinois)
Field of Specialization: Speech
- Marilyn Kettering Badger.....Polk
 B.S. (Manchester College)
Field of Specialization: Education
- Willard Bailey.....Columbus
 A.B., A.M. (University of Cincinnati)
Field of Specialization: Journalism
- Robert James Ballatori.....Philadelphia, Pa.
 B.A. (LaSalle College)
Field of Specialization: German
- Sandra Hummel Banks.....Cincinnati
 B.S.Ed. (Ohio University)
Field of Specialization: Psychology
- Dorothy Brenner Beetham.....North Lawrence
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)

† Deceased. Degree awarded posthumously.

- Robert Raymond Bezdek.....Alice, Tex.
 B.A. (Saint Mary's University, Texas)
Field of Specialization: Political Science
- Dorothy Jean Binau.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Jane Boesel.....Columbus
 A.B. (Ohio University)
Field of Specialization: Education
- Howard William Bogart.....Vermilion
 B.A.
Field of Specialization: Slavic Languages
- Edward Frederick Bontempo.....Hamden, Conn.
 B.A. (University of Connecticut)
Field of Specialization: English
- Barbara Hanne Bradfield.....Columbus
 B.Mus. (Capital University)
Field of Specialization: Music
- William Raymond Buccalo.....Columbus
 B.A.
Field of Specialization: Speech
- Lawrence Paul Buck.....Wichita, Kans.
 B.A. (Wichita State University)
Field of Specialization: History
- Marvin Douglas Bullock.....Cleveland
 B.A.
Field of Specialization: Speech
- Sonia Kovitz Campbell.....Columbus
 B.A.
Field of Specialization: Slavic Languages
- Richard K. Carpenter.....Cleveland
 B.S. (Baldwin-Wallace College)
Field of Specialization: Education
- Steven Ray Carter.....Cuyahoga Falls
 A.B. (Denison University)
Field of Specialization: English
- Kay Frances Casey.....Plattsmouth, Nebr.
 A.B. (University of Nebraska)
Field of Specialization: Journalism
- Nina Ross Chase.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Economics
- Gary Ernest Coburn.....Portsmouth
 B.A., B.Sc. in Edu.
Field of Specialization: English

- Richard Leo Coldren.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Phyllis Keeton Cooley.....Columbus
 B.A. (Marshall University)
Field of Specialization: Education
- Robert Edward Cooper.....Washington C. H.
 B.A. (Marshall University)
Field of Specialization: Education
- Ellis Thomas Cottrell.....Tulsa, Okla.
 B.A. (University of Tulsa)
Field of Specialization: Art
- Eileen Burkey Craven.....Mt. Gilead
 B. Mus. Ed. (Otterbein College)
Field of Specialization: Music
- Carol Ann Cross.....Montgomery, Ala.
 B.S. (Nurs.) (University of Alabama)
Field of Specialization: Physical Education (Health Education)
- Richard Daniel Curtiss.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Alphonso John Damico.....Amsterdam
 A.B. (George Washington University)
Field of Specialization: Political Science
- Thomas Charles Dannis.....Sugarcreek
 B.Sc. in Edu.
Field of Specialization: Education
- Christine Deisher.....Lewisburg
 B.A. (Indiana State College, Terre Haute)
Field of Specialization: Education
- Pauline Lichtensteiger DuVernay.....Ohio City
 B.Sc. in Edu.
Field of Specialization: Education
- Karl Albert Egge.....Billings, Mont.
 B.A. Econ. (Montana State University)
Field of Specialization: Economics
- Paul G. Ehret.....Canton
 B.A. Bus. Adm. (Kent State University)
Field of Specialization: Economics
- Ronald Aaron Eisenberg.....Shaker Heights
 A.B. (Western Reserve University)
Field of Specialization: Speech
- Michael Glenn Erlich.....Brooklyn, N. Y.
 A.B. (John Carroll University)
Field of Specialization: Speech
- James Patrick Erven.....Zanesville
 A.B. (Ohio University)
Field of Specialization: Economics

- Mary Jo Mason Fitzenrider.....Bryan
 B.Sc. in Edu.
Field of Specialization: Education
- Edward Michael Fitzgibbon, Jr.....Livingston, N. J.
 B.A. (Seton Hall University)
Field of Specialization: History
- Lois Curry Flaucher.....Mansfield
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Lynette Lowry Flick.....Warren
 Mus.B. (Oberlin College)
Field of Specialization: Music
- Jeffrey Paul Forster.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Janet King Fox.....Columbus
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- *Michele Fratianni.....Columbus
Field of Specialization: Economics
- Theodora Bernsohn Frazier.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Martha Gerken.....Napoleon
 B.S. (Concordia Teacher's College)
Field of Specialization: Education
- Ronald Dean Giles.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Patricia Elizabeth Grace.....Winston-Salem, N. C.
 B.A. (University of North Carolina)
Field of Specialization: History
- Gary Lynn Harris.....Mansfield
 B.A.
Field of Specialization: Slavic Languages
- Mary Jean Mower Hartman.....Toledo
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Thomas John Herbst.....Cleveland
 B.A. (Bowling Green State University)
Field of Specialization: Philosophy
- Clifford Hodgson Hilton.....Columbus
 B.A. (Kenyon College)
Field of Specialization: English

* Two degrees

- David Harry Hinson.....Cincinnati
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Margaret Hanna Hoskins.....Columbus
 B.S. (Ohio Wesleyan University)
Field of Specialization: Sociology
- John Joseph Hromadik.....Mansfield
 B.Edu. (Duquesne University)
Field of Specialization: Education
- Ronald Carson Huff.....Owensboro Ky.
 B.A. (Florida State University)
Field of Specialization: Psychology
- Judith Ann Jaffe.....Butler Pa.
 B.A. (Pennsylvania State University)
Field of Specialization: Education
- Jay Scott Johnson.....Columbus
 B.A.
Field of Specialization: English
- Linda Jane Jones.....Martins Ferry
 B.Sc. in Edu.
Field of Specialization: Education
- James Bruce Kehr.....Cleveland
 B.S.B.A. (Bowling Green State University)
Field of Specialization: Economics
- Ellen McCoy Keslar.....Washington C.H.
 B.Sc. in Bus.Adm.
Field of Specialization: Education
- Mark Kirkpatrick.....Rocky River
 B.A.
Field of Specialization: Psychology
- Chung-Shang Kuo.....Taipei, Taiwan, China
 B.S. in Ag. (Taiwan Provincial College of Agriculture)
Field of Specialization: Education
- Roger John Lancaster.....Cleveland
 A.B. (John Carroll University)
Field of Specialization: English
- John K. Lauber.....Archbold
 B.Sc.
Field of Specialization: Psychology
- Fred Elmer Linard.....Willoughby
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Eugene Mague.....Worthington
 B.S. (Clarion State College, Pennsylvania)
Field of Specialization: Education
- Deanna Kate Marks.....Baltimore, Md.
 B.A. (Towson State College, Maryland)
Field of Specialization: Speech

- Steven Ernest Mayer.....Bethesda, Md.
 A.B. (George Washington University)
Field of Specialization: Psychology
- Robert James McCullagh III.....Newton Falls
 B.A. (Kent State University)
Field of Specialization: Education
- William Ernest McElhaney.....Hebron
 B.A.
Field of Specialization: English
- Andrew Martin McGreevy.....Columbus
 B.A.
Field of Specialization: History
- Frances Kaye McSpadden.....Batesville, Ark.
 B.A. (Hendrix College)
Field of Specialization: Education
- Barbara Louise Metzger.....Lorain
 A.B. (Albion College)
Field of Specialization: Speech
- Roy Alan Mimna.....Hubbard
 B.A.
Field of Specialization: Romance Languages
- Harold Frank Morris.....Ashland
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Lee Muegge.....Buffalo, Mo.
 A.B. (Saint Benedict's College, Kansas)
Field of Specialization: Romance Languages (Spanish)
- Paul Thom Murray, Jr.....Grosse Pointe, Mich.
 A.B. (University of Detroit)
Field of Specialization: Sociology
- Dolores Hopkinson Nelson.....Columbus
 B.S. (Otterbein College)
Field of Specialization: Education
- Cherie Cook Nichols.....Tiffin
 A.B. (Heidelberg College)
Field of Specialization: Education
- Ronald Martin Paige.....Cleveland
 B.A.
Field of Specialization: Political Science
- David Allen Palmer.....Oak Park, Ill.
 B.A. (Hanover College)
Field of Specialization: Education
- Robert Lewis Pilgrim.....Youngstown
 B.A. (Youngstown University)
Field of Specialization: Sociology
- Jack Jay Purdum.....Medina
 B.A. (Muskingum College)
Field of Specialization: Economics

- Lynn Ransbottom Rector.....Springfield
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Nancy Richey Reed.....Cuyahoga Falls
 A.B. (Ohio Northern University)
Field of Specialization: Education
- Donald Baldwin Reutener, Jr.....Cleveland
 A.B. (Oberlin College)
Field of Specialization: Psychology
- Sharon Brewer Roberts.....Beaver Falls, Pa.
 B.Sc. in Edu.
Field of Specialization: Psychology
- John Hamilton Russel III.....Toledo
 A.B. (Illinois College)
Field of Specialization: Psychology
- Frank Schimpfhauser.....Kenmore, N. Y.
 B.S.Ed. (State University College, Buffalo, New York)
Field of Specialization: Education
- William B. Schonberg.....Cleveland
 B.A. (Washington and Jefferson College, Pennsylvania)
Field of Specialization: Psychology
- David Lawrence Schwartz.....Mansfield
 B.A. (University of Notre Dame)
Field of Specialization: Journalism
- Paula Hunt Shade.....Columbus
 A.B. in Ed. (University of Kentucky)
Field of Specialization: Physical Education
- Ella Walton Shannon.....Perrysville
 B.S.Edu. (Ashland College)
Field of Specialization: Physical Education
- Mary Margaret Sharp.....Parkersburg, W. Va.
 B.A.
Field of Specialization: Journalism
- Hubert Edwin Shelley.....Columbus
 A.B. (McPherson College, Kansas)
Field of Specialization: Education
- Mary Louise Wagner Shelley.....Xenia
 B.S. in Ed. (Muskingum College)
Field of Specialization: Education
- Harriet Frankel Simpson.....Elkins Park, Pa.
 B.A.
Field of Specialization: Psychology
- David Ross Smith.....Lexington
 A.B. (West Liberty State College, West Virginia)
Field of Specialization: Education
- Rosalie Sroczynski Smith.....Cleveland
 B.A. (Notre Dame College, Ohio)
Field of Specialization: History

- David Wayne Snapp..... Urbana
 B.Sc. in Edu.
Field of Specialization: Music
- Mara Petritis Stark.....Defiance
 B.Sc. in Edu.
Field of Specialization: English
- Sister Mary Brian Stockover.....Columbus
 A.B. (College of Saint Francis, Illinois)
Field of Specialization: Education
- Doris Jean Stoudenmire.....Cleveland
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Wen-Huey Leu Su.....Tainan, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Psychology
- Jacques Henry Transue.....Gambier
 B.A. (Haverford College)
Field of Specialization: Slavic Languages
- Stephanie Rogers Vaughn.....Millersburg
 B.A.
Field of Specialization: English
- Jane Karoline Vieth.....Youngstown
 B.Sc. in Edu.
Field of Specialization: History
- Diana Wortman Warshay.....Columbus
 A.B. (Brooklyn College)
Field of Specialization: Sociology
- James Howard Wiblin.....Granville
 B.Sc. in Edu.
Field of Specialization: Education
- Kittridge Havens Wickham.....New Albany
 B.A. (Ohio Wesleyan University)
Field of Specialization: Journalism
- Shirley Ahlers Williams.....Englewood
 B.Sc. in Edu.
Field of Specialization: Romance Languages
- (One hundred and thirteen candidates)

Master of Business Administration

- Earl Norman Anderson.....Valley Springs, S. Dak.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- William Joseph Babcock.....Cliffside Park, N. J.
 B.Bus.Adm. (Southern Methodist University)
Field of Specialization: Business Organization

- Willard Clarence Blind.....New Philadelphia
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Laurence Dale Carlson.....Cuyahoga Falls
 B.S. in B.A. (Kent State University)
Field of Specialization: Business Organization
- Henry Carter Castilow.....New Martinsville, W. Va.
 B.Ch.E., M.Sc.
Field of Specialization: Business Organization
- Michael Thomas Chesney.....Mt. Carmel, Pa.
 B.S. in C.E. (University of Texas)
Field of Specialization: Business Organization
- Robert Franklin Clegg.....Marysville
 B.E.E.
Field of Specialization: Business Organization
- Dennis Harold Copeland.....Cuyahoga Falls
 B.S.Bus. (Miami University)
Field of Specialization: Business Organization
- Catherine Cramer Davis.....Dayton
 B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Robert Ferriday III.....Indianapolis, Ind.
 B.S. (Purdue University)
Field of Specialization: Business Organization
- Robert Richard Gottfried.....Mansfield
 B.S. in Ed. (Ohio University)
Field of Specialization: Business Organization
- Peter Gregory Goulet.....Elkhart, Ind.
 A.B. (Denison University)
Field of Specialization: Business Organization
- William John Hannaford.....Elyria
 A.B. (Denison University)
Field of Specialization: Business Organization
- David Cochrane Huffman.....Elyria
 B.S. (Norwich University, Vermont)
Field of Specialization: Business Organization
- Herbert William Kruser.....Columbus
 B.S. in M.E. (Tri State College, Indiana)
Field of Specialization: Business Organization
- Philip George Kuehl.....Columbus
 B.S. Bus. (Miami University)
Field of Specialization: Business Organization
- Lloyd Binford Moon.....New York, N. Y.
 B.A. (University of North Carolina)
Field of Specialization: Business Organization

- Madeline Ann Moore.....Camp Springs, Md.
 B.A. (Michigan State University)
Field of Specialization: Business Organization
- George Thomas Peters.....Lorain
 B.S. (Illinois Institute of Technology)
Field of Specialization: Business Organization
- Gary Alan Riser.....Athens
 B.S. (Pennsylvania State University)
Field of Specialization: Business Organization
- Michael Culbertson Royer.....Columbus
 B.Ch.E.
Field of Specialization: Business Organization
- Clair Edward Schroeder.....Leipsic
 A.B. (University of Dayton)
Field of Specialization: Business Organization
- Fredrick Rudolph Schupbach.....Dover
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Larry Wayne Southworth.....Columbus
 B.S.E.E. (Iowa State University)
Field of Specialization: Business Organization
- Dennis James Tomsey.....Pittsburgh, Pa.
 A.B. (Mount Union College)
Field of Specialization: Business Organization
- Harrison David Welles.....Miami, Fla.
 B.B.A. (University of Miami)
Field of Specialization: Business Organization
- Kathleen Tolbert Wilkinson.....Wooster
 B.Sc. in H.E.
Field of Specialization: Business Organization
 (Twenty-seven candidates)

Master of City Planning

- George John Papageorgiou.....Athens, Greece
Field of Specialization: City and Regional Planning
 (One candidate)

Master of Fine Arts

- Julian Carlyle Wells.....Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: Fine Arts (Sculpture)
- Doris Jean Zabawa.....Manville, N. J.
 B.F.A.
Field of Specialization: Fine Arts (Ceramics)
 (Two candidates)

Master of Music

Randolph Newell Currie.....Atmore, Ala.
B.Mus. (Birmingham-Southern College)
Field of Specialization: Music
(One candidate)

Master of Science

Jephthah Anozie Abara.....Owerri, East Nigeria
B.Ch.E.
Field of Specialization: Chemical Engineering

Donna Haden Abshier.....Nacogdoches, Tex.
B.A. (Stephen F. Austin State College)
Field of Specialization: Home Economics

Oscar Amable Aparicio.....Columbus
B.S.M.S. (University of Valladolid) ; D.M.S. (University of Madrid)
Field of Specialization: Pathology

Paulo Fernando Cidade de Araujo.....Piracicaba, Brazil
Engeneiro Agronomo (Universidade Rural)
Field of Specialization: Agricultural Economics and Rural Sociology

Roberto Aviles-Carranza.....San Jose, Costa Rica
Ing. Civil (Universidad de Costa Rica)
Field of Specialization: Civil Engineering

John Badekas.....Athens, Greece
Agronomist and Surveying Eng. (National Technical University of Athens)
Field of Specialization: Geodetic Science

Sandra Taylor Bailey.....Lockport, N. Y.
B.S. (Cornell University)
Field of Specialization: Home Economics

Joseph Warren Balch.....Point Pleasant, W. Va.
B.E.E.
Field of Specialization: Electrical Engineering

Ella Mae Bard.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics

Jacquelyn Petri Bartz.....Fairview Park
B.Sc. in H.E.
Field of Specialization: Home Economics

Roger Gene Beach.....Dayton
B.S. (Wittenberg University)
Field of Specialization: Mathematics

Ronald James Bergman.....Elyria
B.Sc.
Field of Specialization: Microbiology

Amar Krishan Bhargava.....Jaipur, India
B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Veterinary Surgery and Radiology

- Richard Allen Bieberich.....Preble, Ind.
 B.S. (Ball State University)
Field of Specialization: Mathematics
- Thomas Joseph Birch.....Wheeling, W. Va.
 B.S. (Marietta College)
Field of Specialization: Zoology
- Ronald Lemar Boase.....Cedarville
 Mech.Eng. (University of Cincinnati)
Field of Specialization: Mathematics
- Anthony Adrian Boiarski.....Cadiz
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- David Earl Bolin.....Clinton, Ky.
 B.S. in Agr. (University of Kentucky)
Field of Specialization: Agronomy
- Gerald Anthony Bullano.....Farrell, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Chemical Engineering
- Timothy Callanan.....Clonmel, Tipperary, Ireland
 B.S. (National University of Ireland)
Field of Specialization: Dairy Technology
- Jack Edward Callender, Jr.....Galion
 B.C.E.
Field of Specialization: Civil Engineering
- Robert Adolph Candon.....Cleveland
 D.V.M.
Field of Specialization: Veterinary Physiology and Pharmacology
- King You Chai.....Taipei, Taiwan, China
 B.Sc. (Taiwan Provincial Chung-Hsing University)
Field of Specialization: Agricultural Economics and Rural Sociology
- *Charles Everett Chaille.....Columbus
Field of Specialization: Ceramic Engineering
- Leon I. Cherney.....Rochester, N. Y.
 A.B. (Brown University)
Field of Specialization: Chemistry
- Richard John Christensen.....Olmsted Falls
 B.C.E.
Field of Specialization: Civil Engineering
- Barbara Jill Crabtree.....Ironton
 B.S. (Ohio University)
Field of Specialization: Microbiology
- Roy Allen Cuthbert.....Galena
 B.Sc.
Field of Specialization: Botany
- Jeffrey Carter Daneman.....Dayton
 B.S. (Marietta College)
Field of Specialization: Mathematics
- Walter Joseph Diewald.....Hamilton
 B.S.C.E. (University of Dayton)
Field of Specialization: Civil Engineering

- Edward Robert Duffy.....Valley Stream, N. Y.
 B.S. (Polytechnic Institute of Brooklyn)
Field of Specialization: Metallurgical Engineering
- Charles Douglas Dunlap.....Bowerston
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Robert Manson Dunton, Jr.....Bay Village
 B.A. (Johns Hopkins University)
Field of Specialization: Physiological Chemistry
- Paul David Eberwine.....Fresno
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert Lee Eby.....Farmersville
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Sherrill Eldren Echternkamp.....Camp Point, Ill.
 B.S.Agr. (Southern Illinois University)
Field of Specialization: Animal Science
- Ralph David Ehrich.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Emil Joseph Eichblatt, Jr.....Las Vegas, Nev.
 B.S. in E.E. (Texas Agricultural and Mechanical University)
Field of Specialization: Electrical Engineering
- Beth Jayne Ellis.....South Portland, Me.
 B.A. (University of Maine)
Field of Specialization: Pathology
- Dennis William Ellis.....Canton
 B.A.
Field of Specialization: Anatomy
- Richard Holman Ernst.....Columbus
 Met.E. (University of Cincinnati)
Field of Specialization: Metallurgical Engineering
- Linda Johnson Evec.....Bucyrus
 B.Sc. in Med.Tech.
Field of Specialization: Pathology
- James Walter Eyster.....Canfield
 B.M.E.
Field of Specialization: Industrial Engineering
- Marjorie Miller Fawcett.....Dayton
 B.S. (Nursing) (University of Dayton)
Field of Specialization: Nursing
- Nadia Forni.....Rome, Italy
Field of Specialization: Agricultural Economics and Rural Sociology

- Arthur Maris Franke.....St. Paris
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Lawrence William Fritz.....Bethesda, Md.
 A.B. (Lafayette College)
Field of Specialization: Geodetic Science
- Ralph Donald Froelich.....Westerville
 B.S., M.D. (University of Wisconsin)
Field of Specialization: Psychiatry
- Jose Angel Gelpi.....Columbus
 M.D. (University of Salamanca, Spain)
Field of Specialization: Psychiatry
- Murilo Graner.....Piracicaba, Brazil
 Engenheiro-Agronomo (Universidade de Sao Paulo)
Field of Specialization: Animal Science
- Roberta Lyon Gray.....Grants Pass, Ore.
 A.B. (Findlay College)
Field of Specialization: Pathology
- David Haynie Greeger, Jr.....Columbus
 A.B. (Miami University)
Field of Specialization: Zoology
- Robert Harry Groves.....Warnock
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Roger Allen Grubic.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Leela Gulati.....Lucknow, India
 B.A., M.A. (University of Lucknow)
Field of Specialization: Mathematics
- Linda Dianne Hall.....Lima
 A.B. (Miami University)
Field of Specialization: Microbiology
- John Alexander Harchanko.....Minot, N. Dak.
 B.S. (University of North Dakota); D.D.S. (Loyola University)
Field of Specialization: Dentistry
- Kenneth Wayne Helberg.....Kettering
 B.S. in E. E. (Valparaiso University)
Field of Specialization: Electrical Engineering
- James Eugene Hunt.....Imogene, Ia.
 B.S. (Ag.B.) (Iowa State University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Roger Wayne Hyatt.....Dayton
 B.A. (Hanover College)
Field of Specialization: Physics

- Paul Nicholas Iwanchuk.....Kent
 B.S. (Kent State University)
Field of Specialization: Mathematics
- Zuhair Korea Jamil.....Baghdad, Iraq
 B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Linda Lou Jeffis.....Barberton
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Kathleen Lewis Johnson.....Burton
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Ronald Alan Johnson.....Barrington, Ill.
 B.S. (Vet.Med.), D.V.M. (University of Illinois)
Field of Specialization: Veterinary Surgery
- Richard Joe Kasten.....Raytown, Mo.
 B.S. in Met. Engr. (University of Missouri)
Field of Specialization: Metallurgical Engineering
- Rita Butchko Kerr.....Havertown, Pa.
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Aqeel Ahmad Khan.....Deoria, India
 B.Sc., M.Sc. (Aligarh Muslim University)
Field of Specialization: Mathematics
- David Lawrence Kimmel.....New York, N. Y.
 A.B. (Columbia University)
Field of Specialization: Mathematics
- Joan Spector Kimmel.....Bronx, N. Y.
 A.B. (Columbia University)
Field of Specialization: Mathematics
- Anna King.....Causeway Bay, Hong Kong, China
 B.S. (Baylor University)
Field of Specialization: Chemistry
- Cheryl Leslie Kinsey.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Rhona Stewart Kirkpatrick.....Elyria
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Alan Kitzerow.....Dayton
 B.S. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- John Clayton Klippert.....Minerva
 A.B. (Western Reserve University)
Field of Specialization: Mathematics

- Sandra Anne Komson.....Shenandoah, Pa.
 B.S.N. (Catholic University of America)
Field of Specialization: Nursing
- Richard F. Krenek.....Cleveland
 B.E.S. (Cleveland State University)
Field of Specialization: Industrial Engineering
- Chanchai Kulpichitra.....Thonburi, Thailand
 B.Eng. (Chulalongkorn University, Bangkok)
Field of Specialization: Civil Engineering
- Barry DeWitt Lawrence.....Accord, N. Y.
 B.S.M.E. (Milwaukee School of Engineering)
Field of Specialization: Welding Engineering
- Dale Vernon Leppert.....Dublin
 B.E.E.
Field of Specialization: Electrical Engineering
- Katherine Anne Lien.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Max Lowden.....Columbus
 B.A.
Field of Specialization: Botany
- Loren Lemoine Lucas.....Marysville
 B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Barbara Louise Lust.....Ft. Thomas, Ky.
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Mary Guernsey MacVicar.....Columbus
 B.S. (Nurs.) (University of Colorado)
Field of Specialization: Nursing
- Richard Lee Martin.....Portsmouth
 B.S. in Edu. (Ohio University)
Field of Specialization: Zoology
- Samuel Dewey McCulloch, Jr.....Aransas Pass, Tex.
 B.A. (Texas Christian University)
Field of Specialization: Geodetic Science
- Jeffery Thomas McLean.....Morrilton, Ark.
 B.A. (Hendrix College)
Field of Specialization: Mathematics
- Jyotindra Vaikunthrai Mehta.....Baroda, India
 B.Engg. (E.E.) (University of Baroda); M.S. in Mech. Engrg.
 (University of Wisconsin)
Field of Specialization: Electrical Engineering
- Stephen Brent Miller.....Hamilton
 B.Sc.
Field of Specialization: Microbiology

- Evan Douglas Millikin.....Arcanum
 B.M.E. (General Motors Institute)
Field of Specialization: Mathematics
- Rajindar Mohindra.....New Delhi, India
 B. Tech. (Indian Institute of Technology)
Field of Specialization: Industrial Engineering
- Catherine Marie Moreau.....St. Nicolas, De Port, France
Field of Specialization: Chemistry
- Mary Jane Bradley Mrowiec.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Jeffrey Alan Myers.....Columbus
 B.C.E.
Field of Specialization: Civil Engineering
- Teeluck Narinesingh.....Fyzabad, Trinidad, West Indies
 B.Sc. (Civil Eng.) (University of the West Indies)
Field of Specialization: Civil Engineering
- *Robert Paul Oates.....Youngstown
Field of Specialization: Welding Engineering
- Jose C. Orbeozo.....Southgate, Ky.
 Doctor en Medicina y Cirugia (Universidad Nacional de Colombia)
Field of Specialization: Preventive Medicine
- Richard Philip Peat.....Falls Church, Va.
 B.S. (Oregon State University)
Field of Specialization: Geodetic Science
- Gerald Melville Penn.....Toledo
 B.S. (University of Toledo); M.D.
Field of Specialization: Physiological Chemistry
- Beverly Jean Rauch.....Dayton
 B.Sc. in Edu.
Field of Specialization: Botany
- Michael Lee Rich.....Cleveland
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Marilyn Martha Roehm.....Dayton
 B.S. in Nurs. (University of Cincinnati)
Field of Specialization: Nursing
- Joyce Fitzpatrick Roth.....Bridgeport
 B.S.N. (Georgetown University)
Field of Specialization: Nursing
- George Nostrand Rowland.....Cincinnati
 A.B. (Miami University); D.V.M.
Field of Specialization: Veterinary Pathology

* Two degrees

- Duane Paal Rubertus Marshall, Minn.
 B.E.E. (University of Minnesota)
Field of Specialization: Electrical Engineering
- Tsutomu Saito Yokohama, Japan
 B.Sc., M.Sc. (University of Tokyo)
Field of Specialization: Geodetic Science
- Roy LaVerne Samuelson Findlay
 B.I.E.
Field of Specialization: Industrial Engineering
- Donald Ernest Saunders Marietta
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Edwin William Schmidt, Jr. Gahanna
 B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Gerhart Schwab Columbus
Field of Specialization: Chemistry
- Sallyann Knickle Schwab Columbus
 B.S. (Nursing) (Capital University)
Field of Specialization: Nursing
- Malcolm Keith Scott Lorain
 B.S. (Baldwin-Wallace College)
Field of Specialization: Chemistry
- Elsie Ann Sexton Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Franklin Bong-See Shah Kowloon, Hong Kong, China
 B.E.E.
Field of Specialization: Electrical Engineering
- Wei Lee Shia Taipei, Taiwan, China
 B.S. (Taiwan Provincial Chen Kung University)
Field of Specialization: Civil Engineering
- Kazumitsu Shinohara Kochi, Japan
 B.E. (Tokyo Institute of Technology)
Field of Specialization: Metallurgical Engineering
- Mildred Engle Stalder Baltimore, Md.
 B.S. (Morris Harvey College, West Virginia)
Field of Specialization: Botany
- John Noel Stitzlein Loudonville
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

- George Monroe Swisher.....Lancaster
 B.S.M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
- Imre Szilagy.....Youngstown
 A.B. (Math.) (Oberlin College)
Field of Specialization: Mathematics
- Catherine Hilaire Thompson.....Bethlehem, Pa.
 B.S.N. (University of Pittsburgh)
Field of Specialization: Nursing
- Donald Allen Thompson.....Hutchinson, Kans.
 B.S. in Phar. (University of Kansas)
Field of Specialization: Pharmacy
- Polygena Tejada Tuazon.....Vigan, Ilocos Sur, Philippines
 B.S.Chem. (University of the Philippines)
Field of Specialization: Chemistry
- Charles Howard Ullery.....Dayton
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Catherine Rea Utz.....Aylor, Va.
 B.S. in Nurs. (Medical College of Virginia)
Field of Specialization: Nursing
- Wilbur Paul Veith.....Fairview, Pa.
 B.E.S. (Fenn College)
Field of Specialization: Mathematics
- Hao Van Vo.....Da Nang, South Vietnam
 B.S. (Capital University)
Field of Specialization: Mathematics
- Edward Walker.....Cincinnati
 B.S. (Pennsylvania State University)
Field of Specialization: Nuclear Engineering
- Clarence Warren Weidner, Jr.....Louisville, Ky.
 B.S. (Met.Engr.) (Case Institute of Technology)
Field of Specialization: Welding Engineering
- Peter Herbert Wendschuh.....Wadsworth
 B.Ch.E.
Field of Specialization: Chemical Engineering
- *Russell Lee Wenk.....Akron
Field of Specialization: Metallurgical Engineering
- Howard Spencer Wharton.....Ashland
 B.Sc.
Field of Specialization: Microbiology
- John Thomas White.....Euclid
 B.S. (Ohio University)
Field of Specialization: Physics

* Two degrees

Kwok Chi Wong.....Kowloon, Hong Kong, China
B.Sc. (Chinese University of Hong Kong); B.Sc. (Special) (University
of Hong Kong)
Field of Specialization: Mathematics

David Marshall Young.....Billings, Mont.
D.V.M. (Colorado State University)
Field of Specialization: Veterinary Pathology

Letha Eann Yurko.....Weirton, W. Va.
B.Sc.
Field of Specialization: Microbiology

Alan Eugene Zengel.....Quincy, Ill.
B.S. (University of Illinois); M.B.A. (Miami University)
Field of Specialization: Chemical Engineering

Julia Grothaus Zerbe.....New Bremen
B.Sc.
Field of Specialization: Mathematics

Andrew Alexander Zwarun.....Cleveland
B.Sc.
Field of Specialization: Agronomy

(One hundred and forty candidates)

Master of Science in Public Administration

Istvan Zoltan Domonkos.....Sharon, Pa.
B.A. (Youngstown University)
Field of Specialization: Political Science

Robert Charles Mayer.....Shaker Heights
B.A. (College of Wooster)
Field of Specialization: Political Science

(Two candidates)

Master of Social Work

Janet Spencer Hartnett.....Worthington
B.S. (University of Maryland)
Field of Specialization: Social Work

(One candidate)

Candidates for Two Degrees

- Charles Everett Chaille.....Columbus
Bachelor of Ceramic Engineering (cum laude)
Master of Science
- Michele Fratianni.....Columbus
Bachelor of Arts (cum laude)
Master of Arts
- Janet Mae Kegg.....Columbus
Bachelor of Arts (summa cum laude)
Bachelor of Science in Education (summa cum laude)
- William Cadman Lowary, Jr.....McAlester, Okla.
Bachelor of Arts
Bachelor of Science in Education
- Robert Paul Oates.....Youngstown
Bachelor of Welding Engineering
Master of Science
- Russell Lee Wenk.....Akron
Bachelor of Metallurgical Engineering
Master of Science

(Six candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Glenn Robert Abke.....	Luckey
Harold Eldon Albert, Jr.....	Williamsport
Robert Jay Baker.....	Beach City
James Allen Batchelor.....	East Palestine
Robert Joe Belding.....	Perry
Arthur Irving Bell.....	Zanesville
Robert Jay Benham.....	Troy
James Carl Birney.....	Tippecanoe
Bruce Allen Bollinger.....	St. Paris
Wallace Wayne Bonsall.....	Canfield
Stephen Eugene Brown.....	Marion
Gerald Ray Campbell.....	London
Shirley Hilda Clevenson (cum laude and with Distinction in Animal Science).....	Watertown, Mass.
Chester Porter Cole.....	South Euclid
Daniel Boyd Cox.....	Middletown
James Fred Crawford.....	Minerva
Charles Edward Davidson.....	Hillsboro
Larry Eugene Dayton.....	Carrollton
Lisle Augustus Dill, Jr.....	Westerville
Kenneth James Dixon.....	Lisbon
David Eugene Ervin.....	Mansfield
Jack Lawson Fetter.....	Bradford
John Clarence Fisher.....	Bucyrus
Donald Henry Fritz.....	Maumee
James Donald Gray.....	Pataskala
James Kent Green.....	Upper Sandusky
Paul Michael Haaf.....	Portsmouth
Harry William Haggard.....	Belle Center
David Bennett Hahn.....	East Canton
Dwight D. Hansen.....	Swanton
Raymond William Helbling.....	Ripley
Don Douglas Householder.....	Junction City
Wayne Frederick Hughes.....	Avoca, N. Y.
Larry Edward Kandel.....	Lancaster
Robert Alan Keller.....	Bellaire
Samuel Levi Kimpel, Jr.....	Somerset
Ronald Neil King.....	Bellefontaine
James Warren Klopp.....	Burgoon
Albert Frederick Laman.....	Cleveland
Hirst Anthony Lampton, Jr.....	New Albany
Wayne Leroy Lash.....	Carrollton
David Mock Livingston.....	Urbana
Wayne Roscoe Longbrake.....	Massillon
Donald Paul Maassel.....	Napoleon
Karl Harry Marcussen.....	Bay Village
John Edward McCoy.....	Wooster
Larry Douglas McKenzie.....	Clayton
Donald James Miner.....	Mansfield
Joseph Carl Mizer.....	Stone Creek

Jerry Lee Neff.....	Fairborn
James Harland Netcher.....	Elmore
Kenneth James Nicholl.....	Lyndhurst
Carlton Moore Orebaugh.....	Euclid
James Leland Overmoyer.....	Williamsfield
Edwin Lee Parker.....	Wooster
Jonathan Neal Pietschman.....	Cleveland
Victoria Lynn Radabaugh.....	Cincinnati
Charles Melvin Raw.....	Wadsworth
Catherine Ann Lawson Reinoehl.....	Carrollton
Gloria Swick Ritchey.....	Morrill
Robert Lee Romig.....	Tuscarawas
Richard John Roof.....	Mansfield
Garry Lee Seitz.....	Grove City
Daryl Stanley Shoemaker.....	Waverly
Ralph Sherman Shoots.....	Bellefontaine
Frederick Preece Smith.....	Toledo
Paul Conrad Smith.....	Wapakoneta
Quentin Cyrillas Smith.....	North Canton
Gerald Kenneth Snyder.....	Dalton
William Larry Speer.....	Youngstown
Alan Bruce Spieth.....	North Royalton
James Alfred Square, Jr.....	Perry
James Bendict Stachler.....	Rosburg
Dale Edward Stoffer.....	Homeworth
Larry Earl Taylor.....	Alliance
John Norman Thatcher.....	Delphos
Robert Karl Troutman.....	Shreve
Oliver Moore Tucker.....	Columbus
Vernon Arthur Vick.....	Bowling Green
Daniel Lee Vollmar.....	Chillicothe
George Albert Wackerman.....	Delaware
Carl William Wagner.....	Greenville
Chester Ward.....	Dayton
Kathryn Suzanne Wright.....	Cincinnati

(Eighty-four candidates)

Bachelor of Science in Biochemistry

Margaret Ann Lindsay (with Distinction in Biochemistry)..... Canfield

(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Lynn Marie Baginski.....	Columbus
Charlotte Ann Bair.....	Zanesville
Linda Abrahamson Becker.....	Columbus
Katherine Ann Bobula.....	Delaware
Kay Woodten Crawford.....	Rocky River
JoAnn Mary Crecelius.....	Milan
Joyce Ann Drake.....	Lebanon
Della Ann Earley.....	Mt. Gilead
Rosalie Shroyer Elliott.....	Ridgeway
Thelma June Harris.....	Celina

Kathleen Jelley Hawkins.....	Sidney
Peggy Ann Henize.....	Seaman
Enid Louise Ihle.....	Galena
Barbara King Kerr.....	Columbus
Karen Kay Knell.....	Medway
Nancy Settlemyre Landl.....	Wilmington
Karen Whinnery Laposki.....	Adena
Linda Irene Lawrence.....	Gibsonburg
Virginia Mae Manker.....	Canal Winchester
Mary Ellen May.....	Shelby
Mary Helen McKeever.....	Chillicothe
Susan Jeanne Narance.....	Marion
Mary Virginia Nichols.....	Columbus
Mary Morris Noble.....	Columbus
Marcia Elaine Pope.....	Bloomville
Penny Lee Porter.....	Rushsylvania
Marsha Sutter Reeves.....	Bryan
Barbara Lee Rizzardi.....	Lafferty
Jean Terrie Rose.....	Columbus
Jane Sue Schimpf.....	Bloomville
Mary Claire Settlemyre.....	Lima
Susann Innis Shaw.....	Columbus
Kay Brookover Shew.....	Wintersville
Carol Law Stanley.....	Belpre
Judith Jill Sterrett.....	Findlay
Carol Ann Suttkus.....	Leesburg, Fla.
Susan Kathleen Valentine.....	Sidney
Carol Jean Washburn.....	Columbus
Rebecca Kaye Wood.....	Marion
Linda Carol Works.....	Cambridge

(Forty candidates)

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

JoAnn Aebersold.....	Jamestown
Carl DaCosta Angel, Jr.....	Columbus
Thomas McCann Baggott.....	Dayton
Mark Bernard Baldy.....	Columbus
John Ambrose Bentz, Jr.....	Columbus
David Lawrence Blanchard.....	Lima
Branimir Nicholas Bosiljevic.....	Cleveland
Bruce Edward Brown.....	Columbus
Raymond Benedict Butkus.....	Cleveland
Leslie Margot Cedar.....	Woodmere, N. Y.
Edward John Chamberlin.....	Dayton
Dennis Lee Clary.....	Columbus
David Delmore Clesattle.....	Cleveland
William Ebbert Coleman.....	Hubbard
Henry James Cring.....	Sunbury
Geoffrey Porter Cummings.....	Columbus
Gregory James Daugherty.....	Worthington
Richard Thomas Davies, Jr.....	Columbus
Willard Grant Davis.....	Columbus
John Nicola DiPucci.....	Dayton
Marilyn Ann Divoky.....	Shaker Heights
Lawrence Vernon Dixon, Jr.....	Columbus
Sue Carolyn Dunn.....	Fairborn
Mara Renate Dzirne.....	Dayton
Michele Miriam Elek.....	Parsippany, N. J.
Joel Harvey Feinberg.....	Columbus
George Michael Fenn.....	Akron
*Michele Fratianni (cum laude).....	Columbus
Louis Allen Friscoe.....	Columbus
Barbara Jeanne Gallier.....	Perrysburg
Joseph Michael Gamgene.....	Youngstown
Constance Jane Geesey.....	Bryan
Bruce Edward Gillespie.....	Mayfield Heights
Carol Lynn Goslee.....	North Royalton
Lee Grant.....	Columbus
Douglas Griffith (with Distinction in Psychology).....	Columbus
George Richard Haag.....	Mansfield
Kenneth Handwerker.....	Levittown, N. Y.
Douglas Eric Harala.....	Fairview Park
Sharon Ann Harness.....	Chillicothe
Kendra Lee Henry.....	Jackson
Joseph Michael Hogan, Jr.....	Columbus
Marcia Kay Hopple.....	North Olmsted
Thomas Anthony Horne.....	Sewickley, Pa.
Theodore Hudson.....	Shaker Heights
Harry Paul Jacobson.....	Columbus
*Janet Mae Kegg (summa cum laude).....	Columbus
Morton E. Kent.....	Cleveland
James Arthur King.....	Cleveland
James Louis Klehm.....	Galion

* Two degrees

Ronald Allan Knight.....	Orwell
Gary Grant Koch.....	Akron
John Daniel Lett.....	Springfield
Sue Ellen Levy (summa cum laude).....	Baltimore, Md.
*William Cadman Lowary, Jr.....	McAlester, Okla.
Burt Alan Lowlicht.....	Hicksville, N. Y.
John Michael Luber.....	Adena
Harold Eugene Luidhardt.....	Bucyrus
Edward Francis Lynch.....	Columbus
Eunice Page Lytle.....	Johnstown
Edward Francis Malinowski.....	Garfield Heights
Patrick Raymond Maples.....	Dayton
Judith O'Hara Marsh.....	Worthington
Joseph Gerald Massey.....	Columbus
Jerry William McCluer.....	Harrod
Russell Joseph Meyer.....	Columbus
David Earl Murdock.....	Columbus
Cyrus Barnholt Nicholas, Jr.....	Cleveland
Thomas Bernard Niese.....	Ottawa
Siebrand Henry Niewenhous III.....	Chagrin Falls
James Lawrence Nolan, Jr.....	Columbus
Mary Elizabeth Northup.....	Toledo
Nancy Wilson Nungesser.....	Columbus
Janice Winne Palm.....	Jonesville, N. Y.
William Howard Palmer.....	Poland
Susan Zivnуска Potter.....	Arlington, Va.
Donald Lorne Prebus.....	Columbus
George Victor Pupala.....	Mansfield
Michael Wayne Quinn.....	Columbus
Lawrence Michael Ratner.....	Shaker Heights
Richard Howard Reeser.....	Marion
Rae Frances Reynolds.....	Dayton
Charles Theodore Roof.....	Medway
Frederick Bargar Safford.....	Columbus
Thomas Daniel Scheiderer.....	Columbus
Thomas John Scheiderer.....	Columbus
Ronald Henry Schmenk.....	Columbus
Lynda Kilmer Scott.....	Oberlin
Thomas Nelson Scott.....	Columbus
Theodore McCoy Searight.....	Lorain
David Edward Selders.....	Dayton
Terry Val Settlemire.....	Lima
James Jeffrey Seymour.....	Columbus
Paula Jean Smith.....	Painesville
Carol Oakwood Solis.....	Columbus
Darlene Janet Sones.....	Kettering
Gordon Philip Spice, B.B.A. (University of Toledo).....	Toledo
John Odum Sproat.....	Chillicothe
John James Tambakis.....	Columbus
Kathleen Martin Thomas.....	Columbus
Michael Earl Thomas.....	Columbus
Kenrick Steven Thompson.....	Westerville
Joseph Richard Timer.....	Bethlehem, Pa.
Bernard Edward Ventre.....	Syracuse, N. Y.

* Two degrees

Becky Lynne Warfel.....	Springfield
Thomas Charles Weitzel.....	Springfield
David Edward Williamson.....	Marion
David Lee Willman.....	Dublin
John Larry Winowich.....	Girard
Carolyn Ann Wzorek.....	Elizabeth, N. J.
Lenore Mary Yash.....	Northfield

(One hundred and eleven candidates)

Bachelor of Science

Larry Gordon Barringer.....	Hilton, N. Y.
William Malcolm Baumgardner.....	Piqua
Charles William Bell.....	Mt. Vernon
Gundega Mara Roze Bucher.....	Stow
John Waldo Campbell.....	Tuscarawas
Bonnie Ann Canfield.....	Columbus
Richard Joseph Copits.....	Mt. Vernon
Robert Michael Davis.....	Columbus
Gerald Edward Dice.....	Tallmadge
Richard Ray Gentry.....	Cincinnati
Howard Ross Hale, Jr.....	Columbus
Charles Herbert Harrington.....	Columbus
Andrew Bernard Heck.....	Zanesville
John Ludlow Hiatt.....	Columbus
Steven Edward Hillman.....	Columbus
Michael Irwin Kahn.....	West Chester, Pa.
Thomas Joseph Kaliker.....	Lima
Robert Howard Kerner.....	Westlake
Thomas Richard Kessinger.....	Hillsboro
Robert Eugene Konrad.....	Kettering
Kenneth Llacera.....	Dayton
Gerald Lee Mann.....	Dennison
Donald Lewis McNamee.....	Columbus
David Franklin Miller.....	Springfield
James Joseph Minc.....	Cleveland
Brice Russell Musser.....	Lima
Nicholas Theodore Mustric.....	Fairview Park
Dennis Lloyd Nemece.....	Garfield Heights
Robert Richard Perry.....	Cleveland
Nancy Jo Ramsey.....	Cleveland Heights
Ronald Cropper Reeve, Jr.....	Columbus
Michael Dean Robinson.....	Maumee
Riadh Abdul Rehman Samarraai.....	Baghdad, Iraq
Kathleen Hamilton Samuelson.....	Piqua
Robert James Scribner.....	Geneva
James Wesley Sharon.....	Columbus
Bernard Thomas Smith.....	Columbus
Elisabeth Alicyn Smith.....	Bay Village
Daniel Ray Steffey.....	Mansfield
Donald Clifton Stephens.....	Columbus
Jacqueline Strong.....	Gahanna
Robert John Taylor.....	St. Clairsville
Nancy Jo Peterson Uniacke.....	Canton
David Leith Wheeler.....	Bedford
Robert Daniel Wisecup.....	Chillicothe

(Forty-five candidates)

School of Journalism

Bachelor of Arts

David Geren Brown.....	South Euclid
Frank Paul Finegold.....	Elyria
Walter Henry Grell III.....	McLean, Va.
Don Charles Hammer.....	Morris, Ill.
David Lester Hopcraft.....	Cleveland
Sherri Lee Ratliff.....	Middletown
Helena Resnick.....	New York, N. Y.
Marc Alan Singer.....	Cleveland
Stanley Spencer.....	Eaton
James Richard Stewart.....	Circleville

(Ten candidates)

College of Biological Sciences

Dean: *Ralph M. Johnson*

Bachelor of Science

Michael Adams.....	Columbus
Richard Charles Blackburn.....	Cleveland
John Anthony Caruso.....	South Euclid
William Leroy Daugherty.....	Columbus
Suzanne Foster.....	Columbus
Robert Edward Greenlee.....	St. Clairsville
Kolman John Hahn.....	Miami, Fla.
Jack Harvey Hamilton.....	Euclid
Robert Thorenz Hopper.....	Arcadia, Calif.
James Milton Howard.....	Strongsville
Peter Dirck Keyser.....	Hinsdale, Ill.
Edward Barry Kleinman.....	Cincinnati
Carl John Kube.....	Cincinnati
Wynne Vinson Elwood LeGrow.....	Sunbury
Rita Frances Leopold.....	Lakewood
Russell David Madison.....	Columbus
John Lee Martin.....	Jackson
James Franklin Maxwell.....	Bay Shore, N. Y.
Gary Lee Medford.....	Ohio City
Robert Nicholas Muetzel.....	Columbus
Michael Lee Palestrant.....	Columbus
Robert Everett Persing.....	New Middletown
David Raymond Reinbolt.....	Columbus
Ronald Michael Runyan.....	Hamilton
John William Schroer.....	Newark
Carl Robert Sticht.....	Shaker Heights
Patty Stade Thompson.....	Worthington
Allen Jay Thrush.....	Lancaster
Jon Fred Van Arsdell.....	Medina
Lloyd Edwin Wallace.....	Tuscarawas
Carol Thompson Weisert.....	Columbus
Thomas Milton Weyrick.....	Ashland
Harold Edward Winkler, Jr.....	Hamilton

(Thirty-three candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Donald Thomas Albanese.....	Columbus
Robert Charles Ansley.....	Columbus
William George Baker.....	Glenford
Arnold Michael Berke.....	Elyria
Mary Podracky Bivens.....	Parma
William Edward Boggess.....	Gahanna
John William Bond.....	Columbus
John Michael Brady.....	Bay Village
George Theodore Brown.....	Columbus
John Steven Burke.....	Beckley, W. Va.
Barry Lynn Burnside.....	Niles
Gregg Frederick Chalecki.....	Dayton
William Thomas Clark.....	Wooster
Judith Dunning Collison.....	Washington, D. C.
Ronald John Cooper.....	Martins Ferry
George Alexander Curnow.....	Columbus
Michael Guy Dague.....	Thornville
John Cipriani D'Altorio.....	Cleveland
Robert Lee Day, Jr., B.A.....	Bay Village
Josephine Ann DiSabato.....	Columbus
Pamela Mary Edwards.....	Winfield, Ill.
David Gillie Eaton Fankhauser.....	Cincinnati
Myron Gosche Feuerhahn.....	Hudson
Philip Steven Finke.....	Columbus
Robert Earl First, Jr.....	Lima
Daniel Joseph Fortman.....	Minster
Michael Lapp Fribley.....	Mt. Vernon
Forrest Roger Garnett.....	Hudson
John William Garratt.....	Cleveland Heights
James Thomas Gilmore.....	Lancaster
Steven McKenzie Gilmore.....	Lancaster
Nancy Lee Gindin.....	Downingtown, Pa.
Harry Virgil Goble.....	Hamilton
Theodore Raymond Grevenkamp.....	Columbus
Charles Kenneth Grotzky.....	Columbus
James Henry Gunther.....	Columbus
Glenn Michael Handler.....	Cleveland
Jerry Edwin Hay.....	Columbus
Thomas Jerry Hazlett.....	Galion
Larry Michael Hefling.....	Parkersburg, W. Va.
William Hoppman III.....	Berea
Stephen Synnott Hougham.....	Marietta
Arthur G. Kash.....	Middletown
Benson Lowell Kern.....	Columbus
Khalil Khosrowshahi.....	Tehran, Iran
Terry Lee King.....	Newark
Gary Roger Kitsmiller.....	Blacklick
Donald Joseph Knapp.....	Columbus
John Robert Knight.....	Lancaster
Thomas DeWeese Kramer.....	Sidney
Joseph Peter Landl.....	Cleveland

James Gilbert LeBay.....Columbus
 Edward John Lewis.....Girard
 Irving Edward Little.....Independence
 Michael Jay Lubbers.....Springfield
 Stephen Wilson Lusk.....Cincinnati
 Carol Ann Lutz.....Shelby
 Albert Thomas Maloney, Jr.....Auburn, N. Y.
 Charles Anthony Mandator.....Springfield
 Richard David Marks.....Columbus
 Mark Philip Meiselman.....Dayton
 William Joseph Meyer.....Kent
 Samuel Leroy Miller.....Maple Heights
 Thomas Windsor Moore.....Lancaster
 Richard Lee Mount.....Newark
 Lee Paul Munder.....Lakewood
 Frank Vincent Muraco.....Cleveland
 Gary Lynn Murph.....Rome, N. Y.
 Richard Henry Mynark.....Columbus
 William Terrance Nangle.....Springfield
 Jerry Lynn Neff.....Arcanum
 James Russell Nein.....Middletown
 Jon Philip Noerager.....Trumbull, Conn.
 Jan Gilbert Oberdick.....York, Pa.
 George Peter Oswald.....Glen Cove, N. Y.
 William John Pegel.....Dallas, Tex.
 Gary William Penwell.....Wooster
 Roger Lavern Pfeiffer.....Marion
 William Albert Pinkerton.....Columbus
 John Ernest Polivka.....West Hempstead, N. Y.
 Roger Jan Porter.....Mt. Vernon
 Donald Lloyd Potts.....Cambridge
 Donna Lee Poulton.....Columbus
 Donald Rohrer Ramsey.....Columbus
 Richard Lewis Redd.....Mt. Sterling
 Alan Jay Reiff.....Lima
 David Eugene Robinson.....Troy
 James Phillip Roesch.....Avon Lake
 Daniel Ned Roush.....Lima
 Alan Boyd Rowley.....Marion
 Arnold Martin Schwartz.....Akron
 Hubert Sherwood Senne, Jr.....Akron
 Alan Jay Serotta.....Chattanooga, Tenn.
 Brent Wesley Shenk.....Columbus
 Mark Keith Simmons.....Hot Springs, Ark.
 Neal Harmon Simon.....Cincinnati
 Gerald Duane Smith.....Columbus
 James Blair Smith.....Centerville
 Robert Henry Smith.....New Philadelphia
 Jarrett Edward Stephenson.....Cincinnati
 Frank Jerald Stolle.....Dayton
 Edwin Francis Susi.....Columbus
 Robert Arthur Taylor.....Centerburg
 Robert George Tuhacek.....Wickliffe
 Larry Waller.....Columbus
 Larry Leo Walton.....Columbia Station
 John Jeffrey Weiss.....Canton

John Anthony Weitzel.....	Springfield
William Stuart Weprin.....	Dayton
Donald Francis West, Jr.....	Galion
Jerry Scott Whittington.....	Granville
Diane Laura Wray.....	Cincinnati
David William Wright.....	Columbus
Michael Christen Zeigler.....	Woodsfield

(One hundred and fourteen candidates)

School of Social Work

Bachelor of Science in Social Welfare

Marianne Borel.....	Columbus
Julie Ann Charles.....	Columbus
Harris Gerry Cohen.....	Cincinnati
Sheila Kay Dickson.....	Columbus
Marjorie Lynn Dooley.....	Grove City
Donna Lee Enckler.....	Cleveland
Judy Whitacre Foster.....	New Carlisle
Donna June Friedman.....	Shaker Heights
Deborah Dana Grau.....	Cleveland
Nadine Marie Hooker.....	Wooster
Judith Elizabeth Kibele.....	Columbus
Dale George Kraus.....	Hilliard
Frank Sam LoPresti.....	Wadsworth
Dorothy Henzy Madden.....	Columbus
Barbara Emerson Neubig.....	Galion
Janice Jackson Richardson.....	Columbus
Sheri Schriber Udisky.....	Dayton
Fannie Mae Yoder.....	Hartville

(Eighteen candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

- Richard Clayton Buescher.....Fairview Park
- Joseph Vincent Lonardo.....Cleveland
- Richard Douglas Streit.....Centerville
- William Forbes Wallace, B.Sc.....Columbus

(Four candidates)

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

John William Abegglen.....	Worthington
Carol Albritton.....	Detroit
Ruth Vail Alves.....	Columbus
Jon Norman Anderson.....	Circleville
Linda Grafmiller Anderson.....	Columbus
Carol Jean Andre.....	Columbus
George Elliott Atanasoff.....	Akron
Darlene Kay Atteberry.....	Kettering
Louise Jeanne Axner.....	Akron
Judith Wotowski Bania.....	Cleveland
Anne Carol Barasch.....	Rochester, N. Y.
William Howard Barnetson, Jr.....	Columbus
Jane Kirschenheiter Barr.....	Lexington
Priscilla McGee Bassett.....	Thompson
Robert Thomas Batwinis.....	Fayette City, Pa.
Marian Durig Bauer.....	Dayton
Wayne H. Bell.....	Mansfield
Daryl Scott Bellis.....	Reynoldsburg
Sharon Ann Bender.....	Prospect
Barbara Luck Bershon.....	Akron
Susan Blake.....	Sidney
Robert Barry Blecher.....	Cleveland
Allen Irwin Bloomberg, B.A.....	Youngstown
Carol Summers Body.....	Hilliard
Carol Ann Bonham.....	Newark
Larry Joseph Boron.....	Powhatan Point
Raymond Edgar Bowers.....	Columbus
Laura Rae Bradfield.....	Columbus
James Lowell Bradley.....	Mansfield
Beverlee Jennings Bright.....	Zanesville
Sherri Dupree Brooks.....	Columbus
Jay Allen Brower.....	Warrensville
Dianne Leah Brown.....	Massillon
Maxine Lois Brown.....	Akron
Albert William Budding.....	Palos Park, Ill.
Janet Rose Burnside (cum laude).....	Rushsylvania
Ann Glockner Butler.....	Worthington
Marla Faye Cales.....	Ironton
Patricia Ann Cannon.....	Parma
William Emerson Capper.....	Carrollton
Sharon Elizabeth Carlson.....	Akron
Maxine Carvalho.....	Vandalia
Donna Lee Casmar.....	Akron
Harriett Louise Chapdelaine.....	Columbus
Sarahlynn Chapley.....	Warren
Beverly Everett Chapman.....	New Bloomington
Robert Dennis Chirico.....	Reynoldsburg
Barbara Totin Clague.....	Metuchen, N. J.
Walter David Clark.....	Columbus
William Kent Clay.....	Mansfield
Ruth Goller Colville.....	Ney

Sandra Lee Conway.....McArthur
 Galen Morgan Cool.....Newark
 James Richard Crabtree.....Chillicothe
 Patricia Berry Crane.....Oregon
 Margaret Gorman Davidson.....Buford
 Barbara Ellen Davis.....Kailua, Oahu, Hawaii
 William Harold Davis.....Nashport
 Martin Joseph Deak.....Hubbard
 David Lee Dillon.....Springfield
 Janice Rose Dodge.....Portsmouth
 Gerald Clarence Dull.....Barberton
 David Allan Dunlavy.....Lima
 Lewis William Dye.....Marion
 Diana Lane Ebersold.....Washington, D. C.
 Bernal Eugene Eckhart.....Lancaster
 Joanne Kuenning Edmondson.....Columbus
 Margaret Ann Enyeart.....Ashland
 Pamela Mills Etzel.....Ironton
 Sandra Pastor Farrington.....Cleveland
 William Maurice Finch.....Columbus
 Michael John Fitsko.....Columbus
 Peggy Ellen Fitzmaurice.....Canton
 Mary Elizabeth Flaiz.....Cleveland
 Susan Fall Fondriest.....Columbus
 James Norbert Fortkamp.....Columbus
 Roberta Ann Fouts.....Gnaddenhutten
 Jewel Louise Fox.....Elyria
 Susan Elaine Freshour.....Hillsboro
 Linda Sue Fultz.....Columbus
 Scharyle Louise Funk.....Bellevue
 Joseph Clark Garrett.....Belpre
 Kathryn Ann Gaskill.....Columbus
 Doris Meyer Gerdeman.....Delphos
 Karen Marie Geringer.....Toledo
 Pamela Sue Gillette.....Cridersville
 June Berns Gold.....Cleveland Heights
 Hallee Susan Gould.....South Euclid
 Janelle Celeste Gradisher.....Parma
 Arlene Carol Green.....Struthers
 Christine Naomi Hada.....Lihue, Hawaii
 Sarah Pelton Hagans.....Columbus
 Wanda Miller Harewood.....Columbus
 Catherine Albers Hargreaves.....Canton
 Steven Ray Harper.....Marion
 Gail Eunice Harrington.....Ashtabula
 Cheryl Wonderling Hartsock.....Wooster
 Junellen Horton Hauff.....Columbus
 Nile Junior Hayes.....Goshen
 Robert William Hindman.....Worthington
 Sara Anne Hines.....Circleville
 Philip Wayne Hord.....Kenton
 Emily Jane Hotchkiss.....Sandusky
 Charity Peaton Hotham (summa cum laude).....Columbus
 Jean Ann Hufnagle.....Greenville
 Nadeen Meyer Hurlock.....Kenmore, N. Y.
 Joyce Sharon Jaffery.....University Heights

Lillian Dolan Jonassen (cum laude)	Columbus
William Harry Jonath	Huntsburg
LaVerne Frances Kalan	Willoughby
Carol Mary Kaplan	Flushing, N. Y.
Michael Henry Kapson	Columbus
Linda Lee Karol	Toledo
*Janet Mae Kegg (summa cum laude)	Columbus
Carole Elizabeth Kepford	Marion
Michelle Fay Kesling	Sandyville
Debra Kinsbrunner	Brooklyn, N. Y.
Karen Ann Kitchton	Columbus
Doris Elizabeth Knies, B.Mus.	Columbus
George Alan Knight	Columbus
Talia Sue Korn	Columbus
Nancy Irene Kovesdy	Rocky River
Edward Joseph Krcelic	Columbus
Reva Ann Kreis	Delaware
Mary Ann LaFollette	Columbus
Diane Armitage Landry	Columbus
Christina Kay Layman	Cincinnati
Sheila Rae Leeb	Beachwood
Dorothy Diane Leis	Columbus
Andrea Marilyn Levy	Closter, N. J.
Nancy Sue Lewis	Columbus
Francine Beth Limbert	Akron
Martha Schenk Lindner, B.Sc. in Bus.Adm.	Columbus
Lynn Dee Ann Locke	Greenville
*William Cadman Lowary, Jr.	McAlester, Okla.
Ruth Irene Lowden	Columbus
Marcia Kay Macdonald	Newark
Sandra Lee Malberg	Beachwood
William John Manby	Santa Ana, Calif.
Sonya Mandrick	Warren
Marlene Carol Marks	Columbus
Nicholas George Martello	Ashtabula
Leslie Diane Martin	East Rockaway, N. Y.
Guy Frank Mascio	Garfield Heights
Diana Durr Mason	Springfield
Ida Joyce Mayberry	Dayton
Lynne Elizabeth McBee	Columbus
Bonnie Jean McCray	Columbus
Janie Passan Meckler	Shaker Heights
Richard Wesley Meier	Columbus
Sandra Lynn Miller (cum laude)	Oak Park, Ill.
Carolyn Ruth Mills	South Euclid
Donald Robert Moore	Norwood
Paul Alan Moore	Fostoria
Jeffry David Morgenstern	University Heights
Mary Lou Morris	Hilliard
Sandra Lynn Mosher	Columbus
Joseph Michael Motil	Cambridge
Rachel Adele Nachman (cum laude)	Columbus
Ruth Ann Neer	South Vienna
Richard Dennis Nemeth	Cleveland Heights
Elizabeth Leona Oberlin	Dalton

* Two degrees

Betsey Lawrence O'Brien.....Columbus
 Mary Yoakam Ogi.....Mt. Vernon
 Mark James Owens.....Delta
 Betty Schwartz Palestrant, B.Sc. in Bus.Adm.....Columbus
 Debora Susan Palmer.....Farmington, Mich.
 Evelyn Colebank Percy.....Moatsville, W. Va.
 Rebecca Jane Perkins.....Middletown
 Ronald James Perkins.....Mt. Gilead
 Terrance Lynn Peters.....Valley City
 James Scribner Pillsbury.....Columbus
 Norman Ray Poole.....Pataskala
 Ella Mae Pope.....Cleveland
 Jacqueline Kay Pope.....Washington C. H.
 Ronald Michael Prange.....Columbus
 Emma Varchmin Pritchard.....Mansfield
 Judith Ann Ramseyer (cum laude).....Smithville
 Linda McCann Reyna.....Columbus
 Sevilla Jane Graham Ricer.....Armstrongs Mills
 John Brodie Ritchie, Jr.....Westlake
 Marguerite Marian Robbins.....Worthington
 Madolyn Elizabeth Rodgers.....Cleveland
 Roberta Lee Roffee.....Lima
 Linda Nell Russ.....Columbus
 Paul Anthony Russo.....University Heights
 Janice Lee Rutter.....Lima
 Edith Ann Salmons.....Prospect
 Jane Rossborough Scholtz.....North Royalton
 Nancy Jane Schudel.....Defiance
 Susanne Mellor Schupbach.....Uhrichsville
 Roxana Moore Schupp.....Gahanna
 Gary Lee Schwam.....Crestline
 Pamela Edithe Seidel.....Grove City
 James Robert Sharp.....Hamilton
 Barbara Teale Shauck.....Mansfield
 Jacqueline Ann Shroats.....Marion
 Jane Schwabero Shults.....New Knoxville
 David Lee Sidmore.....Painesville
 Susan Elaine Silver.....Kenmore, N. Y.
 Louis Eugene Simpson, B.Sc.....Mansfield
 Scott Hunter Siville.....Columbus
 Jeffrey Harold Slauson.....Marion
 Carolynn Farkas Smith.....Columbus
 Clifford Edmond Smith II.....Columbus
 Douglas Craig Smith, B.Sc. in Bus.Adm.....Lakewood
 Gregory Gordon Spears.....Springfield
 Kathleen Benson Stander.....Mansfield
 Teresa Lee Stinson.....Columbus
 Patricia Kaye Stokes.....Cleveland
 Carol Noffsinger Studebaker.....Trotwood
 Joseph Edward Sulick.....Columbus
 Abra Stephanie Tannen.....Elmont, N. Y.
 Rosemary Lyons Targee.....Kingston
 Ahferom Tesfai.....Addis Ababa, Ethiopia
 Linda Cole Thompson.....Bellefontaine
 Donald Lee Trautner.....Westerville
 Gail Splaver Tuber, B.A.....Arcadia, Calif.

Alexander MacCaul Turner.....	Sylvania
Carole Anne Vonderheid, B.S.J. (Ohio University).....	Dayton
Ellen Gail Wallman.....	New York, N. Y.
Joyce Brugler Ward.....	Trotwood
Sharon Mardel Wasserman.....	Beachwood
Sarah Sue Welch.....	Worthington
John Gardner Whitcomb.....	Grove City
Joyce Swartz Wildermuth.....	Wapakoneta
James Evan Williams.....	Branch Hill
Elaine LeCrone Williamson.....	Columbus
Gerald Howard Wilson.....	Manistique, Mich.
Laurel Cage Wittstock.....	Cleveland
Mary Boggs Wolfe.....	Plain City
William Robert Wolfe.....	Canal Winchester
Katharine Doudna Woodward.....	Barnesville
Martha Elizabeth Wyker.....	Columbus
Fay Kimie Yamashita.....	Honolulu, Hawaii
Constance Marie Zizunas.....	Cleveland

(Two hundred and thirty-six candidates)

Bachelor of Fine Arts

Kathleen Adele Bufler.....	Hamilton
Sue Lynn Carroll (summa cum laude).....	Worthington
Sandra Myers Chamberlin.....	Pittsburgh, Pa.
Kristina Kennedy Daniels.....	Cincinnati
Georgeanne Catherine Diedalis.....	Columbus
Marjorie Trager Kahn.....	Cincinnati
Maris Janis Liepins.....	Cleveland
John Allen Magee.....	Dayton
Carol Ann Meyer (summa cum laude).....	Columbus
Diane Alee Northrop.....	Columbus
Joseph Ronald Ohm.....	Cuyahoga Falls
Paul Stanley Poplis.....	Springfield
Maria Louise Preonas.....	Dayton
Edwin Thornton Tomlinson.....	Columbus

(Fourteen candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Rodney Charles Byler.....Wooster
(One candidate)

Bachelor of Agricultural Engineering

George David Gingery.....Wooster
Harold Marion Keener (cum laude).....Ashland
(Two candidates)

Bachelor of Ceramic Engineering

*Charles Everett Chaille (cum laude).....Columbus
John Allen Cihon.....New Philadelphia
(Two candidates)

Bachelor of Chemical Engineering

William Robert Herzog.....Lima
Parviz Jian-Zibae.....Tehran, Iran
(Two candidates)

Bachelor of Civil Engineering

Charles Edward Bynner.....Plain City
Bruce Alan Cottom.....New Hartford, N. Y.
James Flynn Neuenschwander.....Lima
Maxwell Ezigbo Nwosu.....Aba, Nigeria
Richard Martin Sanderson.....Columbus
David John Von Hagen.....Hamilton
(Six candidates)

Bachelor of Electrical Engineering

Philip Rick Armbruster.....Bryan
Tsu-Ling Chang.....Taipei, Taiwan, China
David Earl Cressman (cum laude).....Carey
David Alson George.....Lorain
Dennis Leslie Quick.....Findlay
Gerald Donald Ridenour.....Columbus
Sandra Ann Santeler.....Columbus
George Naseeb Shaheen.....Canton
Thomas Douglas Wright.....Bellefontaine
(Nine candidates)

Bachelor of Industrial Engineering

William Bradford Carpenter.....Lima
James Frederick Gandee.....Toledo

* Two degrees

Lynn Ernest Heurman.....Swanton
 Thomas William Hutchings.....Columbus
 Nick Alan Kaluger.....Shadyside
 Robert Henry Lester.....Chagrin Falls
 Michael Eugene O'Kelley.....Delaware
 Samuel McKinley Smith.....Galion
 Salahattin Yildiz.....Canakkale, Turkey
 John Kister Zell.....Kettering

(Ten candidates)

Bachelor of Mechanical Engineering

Ronald James Cook.....Sandusky
 William Malcolm Graham.....Lakewood
 Kenneth Morgan Jones.....Akron
 Donald Albert Kadunc.....Euclid
 Michael Thomas O'Brien.....Columbus
 David Jeffrey Russell.....Xenia
 Raymond Arthur Sarakaitis.....Lima
 Terry Vincent Sherburn.....Columbus
 Gregory Blaine Stoltz.....Dayton
 Thomas Neil Taylor (cum laude).....Columbus
 William Hunt Thomson.....Munroe Falls

(Eleven candidates)

Bachelor of Metallurgical Engineering

*Russell Lee Wenk.....Akron

(One candidate)

Bachelor of Welding Engineering

*Robert Paul Oates.....Youngstown

(One candidate)

Bachelor of Science in Physics

James Richard Ashton.....Lima
 Robert Michael Conaway.....Columbus

(Two candidates)

School of Architecture

Bachelor of Architecture

John Walter Payne.....Columbus

(One candidate)

Bachelor of Landscape Architecture

Gerald Gordon Greig.....Hamilton

(One candidate)

* Two degrees

College of Law

Dean: *Ivan C. Rutledge*

Juris Doctor

John Raymond Beal, B.A. (Bowling Green State University) . . . Mansfield
Charles Sherman Bloom, A.B. (Ohio University) (summa cum laude)

Amherst
Leland Dean Cole, B.A. (University of Kansas) Great Bend, Kans.
Daniel Donovan Connor, B.Sc. in Bus. Adm. Columbus
Giles Jackson Davis, Jr., B.S. (Bowling Green State University) . . . Tipp City
Harold Hunter Davis, B.S. (Marietta College) Shelby
James David Davis, B.A. (Muskingum College) (summa cum laude)

Cleveland
Richard Sterling Donahey, Jr., B.C.E. Logan
Stuart F. Dritz, B.A. Euclid
William Ervin Dunlap, Jr., A.B. (Wittenberg University) . . . East Liverpool
Charles Blaine Fielding, B.A. Cleveland
Gary Frederic Frye, B.A. Fredericktown
Paul Joseph Gerig, B.S. in Edu. (Ohio University) Smithville
William Joseph Hamann, B.A. Canton
Richard Hale Hammond, B.A. Dayton
James Michael Herr, A.B. (University of Notre Dame) (summa cum laude)

Middletown
Jerome John Joondeph, B.A. (Kent State University) (cum laude)

Ramsey, N. J.
Edward George Kemp, A.B. (Miami University) Glen Ridge, N. J.
William Joseph Kysela, A.B. (University of Dayton) Cleveland
Thomas Markworth, B.S. (Rensselaer Polytechnic Institute) . Fairview Park
Velta Anita Melnbrensis, B.A. (summa cum laude) Columbus
Gerald Leon Mills, B.S. in Bus. (Miami University) (summa cum laude)

Toledo
Raymond Joseph Posgay, B.Sc. in Agr. Columbus
Harry Marcus Price III, B.A. (Central Missouri State College)

Leavenworth, Kans.
Thomas Dudley Shackelford, A.B. (Miami University) Oak Hill
Douglas Keith Somerlot, B.A. (Bowling Green State University) . . . Marion
Peter Robin Tolley, B.A. Cincinnati
Christopher Edward Veidt, A.B. (Ohio University) (cum laude) . . Lancaster

(Twenty-eight candidates)

College of Medicine

Dean: *Richard L. Meiling*

School of Allied Medical Services

Bachelor of Science in Medical Technology

Karen Phillips Barr.....	Columbus
Lowelle King Bookman.....	Cincinnati
Mary House Cumming.....	Jeromesville
Rita MacFarlan Hartzell.....	Canton
Ann Common Lighthiser.....	Dayton
Marjorie Irene Stuber.....	Amherst
Susan Mazur Wiseman.....	Port Clinton

(Seven candidates)

Bachelor of Science in Occupational Therapy

Shereen Debra Handler.....	Cleveland Heights
Kathleen Ann Luke.....	Akron
Sandra Priscilla Meeks.....	Canton
Carol Ann Mitchell.....	Lebanon
Martha Sandmann.....	Lakewood

(Five candidates)

Certificate of Nurse Anesthetist

Yolanda Marie Yourell.....	Dubuque, Ia.
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(One candidate)

School of Nursing

Bachelor of Science in Nursing

Vivian Lorraine Bougher.....	New Orleans, La.
Eleanor Louise Brown.....	Newark
Janet Ann Fenton.....	Dayton
Bonnie Rhoades Garvin.....	Piqua
LaVonne Huther Hall.....	Canton
Diane Marie Mihalko.....	Cleveland Heights
Lois Ruth Oesterle.....	Fremont
Sally Ann Sayers.....	Oberlin
Shirley Jean Segelhorst.....	Houston, Tex.
Bernardine Frances Tomsic.....	Lorain
Barbara Diann Turney.....	Westlake
Ellen Marie Wittkind.....	Grove City

(Twelve candidates)

College of Pharmacy

Dean: *Lloyd M. Parks*

Bachelor of Science in Pharmacy

Barbara Ann Beighey.....	Gahanna
Joseph Anthony Cusma.....	North Canton
James Paul Wagner.....	Medina

(Three candidates)

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 8, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, February 8, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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February 8, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of the Name of the School of Allied Medical Services to the School of Allied Medical Professions

The Council on Academic Affairs on December 12, 1967, endorsed the proposal of the Faculty of the School of Allied Medical Services that the name of the said School be changed to the School of Allied Medical Professions. The reasons for the proposed change include:

1. The United States Congress enacted legislation known as the "Allied Health Professions Personnel Training Act of 1966." It is, therefore, advantageous that the name of the School in the College of Medicine of this University be modified to recognize the nature of the programs presently located therein. The academic programs offered by the said School include: Medical Dietetics, Medical Illustration, Occupational Therapy, Medical Technology, Physical Therapy, Nurse Anesthesiology, and Orthoptic Technology.
2. Further, it is believed that the proposed change in name will enhance the School and its activities both on The Ohio State University campus and nationally. The said School is a charter member of the recently established "Association of Allied Health Professions."

President Fawcett recommended therefore that the Board of Trustees approve the change in the name of the School of Allied Medical Services to the School of Allied Medical Professions, effective immediately.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

B. Establishment of the School of Natural Resources

The Faculty Council on December 12, 1967, approved the recommendation from the Council on Academic Affairs that a School of Natural Resources be established in the College of Agriculture and Home Economics.

The conservation of natural resources has emerged in present years as an area of widespread human concern, of academic learning, and of professional employment. As a result, there is a national trend to emphasize natural resources in the mission of colleges and universities. Professional employment in this area in the public sector alone is now over 50,000

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the School of Natural Resources (continued)

persons as contrasted with just a few thousand several decades ago. Demand for professional personnel in all areas of resource management remains strong as a result of new programs developed in response to public demand for better management of air, soil, water, wildlife, and aesthetic resources.

The College of Agriculture and Home Economics sets forth the following assumptions for the formulation of a School of Natural Resources:

1. There is an interdisciplinary professional area of natural resources management.
2. The University wishes to provide a program in natural resources management which is both operationally viable and professionally visible. This will require phasing out the Natural Resources Institute in favor of a regular academic administrative unit.
3. A School of Natural Resources, established to provide a professionally oriented program, would be responsible for coordinating faculty members in various disciplines and from a variety of colleges in the operation of its programs and would initially contain a minimal number of staff members of its own. At the present time, individuals with an interest in this area are found in such disciplines as agronomy, biology, civil engineering, geography, and economics, as well as in such professional areas as education and agriculture.
4. A School of Natural Resources would establish an all-University coordinating committee representative of the disciplinary groups interested in natural resources management.
5. A logical point to begin programs in natural resources management would appear to be at the master's level in addition to the provision for appropriate undergraduate courses.

A School of Natural Resources established within the framework of these assumptions will initially serve as an administrative unit to bring together the various groups interested in the formulation of programs of instruction, research, and extension in natural resources.

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the School of Natural Resources (continued)

President Fawcett recommended therefore that the proposal of the Faculty Council to establish a School of Natural Resources, effective July 1, 1968, be approved and that the Natural Resources Institute be dissolved subject to the approval of the Faculty Council at its next regular meeting.

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

C. Administrative Identification of "School" of Education Be Discontinued

Pursuant to the adoption of the academic reorganization, the School of Music, the School of Art, and the Department of Psychology were transferred from the College of Education, leaving the School of Education as the only administrative unit within the College.

To avoid the continuance of two co-terminus administrative agencies within the College of Education, the Faculty Council on December 12, 1967, approved the proposal from the Council on Academic Affairs that the School of Education as an administrative unit be discontinued.

President Fawcett recommended therefore that the action of the Faculty Council to discontinue the School of Education as a separate administrative unit within the College of Education, effective January 1, 1968, be ratified.

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

D. College of Biological Sciences Becomes a Single Academic Unit

The Faculty Council on December 12, 1967, approved the recommendation from the Council on Academic Affairs that, effective January 1, 1968, the College of Biological Sciences be created as a single academic unit. By this action, the separate academic Departments of Biochemistry, Botany, Microbiology, Zoology and Entomology, and the Division of Biophysics were discontinued.

A new plan of organization for the College of Biological Sciences established basic units identified as academic faculties for instruction, research, and extension in the following defined fields of learning: Biochemistry and Molecular Biology, Biophysics, Genetics, Microbial and Cellular Biology, Organismic and Developmental Biology, Population and Environmental Biology, and Entomology.

President Fawcett recommended therefore that the action of the Faculty Council discontinuing the above-named departments and division be ratified.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Building and Streets

President Fawcett recommended that:

The building which houses the Ohio Tuberculosis medical services, 466 West 10th Avenue, be named "William J. Means Hall" in memory of Dr. William J. Means, first Dean of the College of Medicine of The Ohio State University and first Chairman of the Department of Surgery. This proposal was made by Dr. Richard L. Meiling, Dean, College of Medicine, on behalf of the College of Medicine.

The access drive from Mumaugh Road to John E. Galvin Hall on the Lima Branch Campus be officially named "Campus Drive" (its current identification), as proposed by the Advisory Board for the Lima Branch.

The street leading from John E. Galvin Hall to the new Phase II building on the Lima Branch Campus be named "Progress Road." This proposal also was made by the Advisory Board of the Lima Branch.

The access drive leading from Country Club Drive into the Newark Branch Campus be named "University Drive," as proposed by the Advisory Board for the Newark Branch.

The main street on the University College site, which street will connect Kenny Road with Lane Avenue by a circuitous route through the site, be named "Carmack Road" in memory of Associate Professor Paul A. Carmack, Department of Speech, who died December 27, 1963. Professor Carmack, a leader in his field, was among the first faculty members to travel to the University's branch campuses to conduct classes. This proposal was made by Dean Richard H. Zimmerman, University College.

These proposals have the concurrence of the President's Cabinet and are in accordance with the By-Laws of the Board of Trustees.

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

F. Insurance Program for Faculty and Staff - Amendment to Contract No. GTC-58175, The Ohio State University Major Medical Contract

President Fawcett recommended that the following resolution be adopted:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that the following amendment to the University's Group Major Medical Insurance Contract No. GTC-58175 be enacted and made effective, January 1, 1968:

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Insurance Program for Faculty and Staff - Amendment to Contract No. GTC-58175, The Ohio State University Major Medical Contract (continued)

Section A(1), Amendment #13, shall be further amended so that the definition of "Medicare" presented therein shall also include the hospital insurance coverage provided under the Public Employees Retirement System and the State Teachers Retirement System for retirants and their eligible spouses, widows, or widowers who have attained the age of 65 years and who are not eligible to receive hospital insurance benefits under the Federal Old Age, Survivors and Disability Insurance Program. All other provisions of Amendment #13, as they provide for the integration of "Medicare" benefits with the major medical insurance coverage under Contract No. GTC-58175, will remain unchanged.

Upon motion of Mr. Safford, seconded by Mr. France, the above resolution was adopted by unanimous voice vote.

G. Establishment of the "Everett D. Reese Chair of Banking and Monetary Economics"

President Fawcett expressed a deep sense of gratitude and delectation in recommending the establishment of the Everett D. Reese Chair of Banking and Monetary Economics. In January, 1965, through the generosity of a gift from Mr. Reese, a Professorship of Banking and Economics was established and has been filled by the distinguished scholar, Dr. Karl Brunner. Mr. Reese has now contributed through the Development Fund the amount of \$240,000.00 and pledged the additional funds to increase the endowment to the level of \$500,000.00 in order that the "Chair of Banking and Monetary Economics" might be activated by January, 1970.

This endowed Chair is established pursuant to the conditions as approved by the Board of Trustees on January 14, 1965. Mr. Reese received The Ohio State University Distinguished Service Award in 1964, and he is an Ohio State graduate and former faculty member. As an illustrious alumnus, he has given unusual and dedicated service to the University in many capacities including the past chairmanship of The Ohio State University Development Fund Board of Directors; and he is the current chairman of the executive committee of the Presidents Club, an honor organization of the Development Fund contributors.

Upon motion of Mr. Jones, seconded by Dr. Thomas, the Board of Trustees by unanimous voice vote approved with gratitude and delight the recommendation to establish the Everett D. Reese Chair of Banking and Monetary Economics.

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February 8, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 14, 1967 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, Appointment, Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Promotions

O. Lee Rigsby promoted from Professor in and Director of the School of Music to Dean of the College of the Arts, effective January 1, 1968, at a salary of \$24,768.00 per annum. Dr. Rigsby will continue to hold the academic rank of Professor in the School of Music at No Salary.

Charles L. Babcock promoted from Professor in and Chairman of the Department of Classics to Dean of the College of Humanities, effective January 15, 1968, at a salary of \$25,168.00 per annum. Dr. Babcock will continue to hold the academic rank of Professor in the Department of Classics at No Salary.

B. Appointment

Jerry Jack Halterman, Professor, Department of Agricultural Education, effective April 1, 1968, at a salary of \$18,468.00 per annum.

C. Change in Administrative Responsibility

Clinton V. Oster changed from Controller in the Office of Business and Finance to Associate Dean of the College of Administrative Science, effective February 1, 1968, at a salary of \$24,072.00 per annum. Dr. Oster will continue to hold the academic rank of Professor in the Department of Economics at No Salary.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Anita McCormick, Associate Professor (Assistant State Leader, Home Economics), effective January 16, 1968 through May 31, 1968, to participate in a program of professional improvement at North Carolina State University.

Calvin D. Knight, Instructor (County Extension Agent, Agriculture) Ashland County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

February 8, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary

Carl E. Nielsen, Professor, Department of Physics, effective January 1, 1968 through March 31, 1968, to do research at the U. S. Atomic Energy Commission, Oak Ridge, Tennessee.

Gerald A. Messerman, Associate Professor, College of Law, effective January 1, 1968 through June 30, 1968, for personal reasons.

Peter S. Barth, Assistant Professor, Department of Economics, effective January 1, 1968 through June 30, 1968, to accept the position of Visiting Professor at the University of Chicago.

Nancy K. Clatworthy, Assistant Professor, Department of Sociology, effective January 1, 1968 through March 31, 1968, to fulfill speaking engagements in Latin America.

Derry D. Koob, Assistant Professor, College of Biological Sciences, effective January 1, 1968 through March 31, 1968, to devote full time to research and writing a textbook.

Philip D. Stewart, Assistant Professor, Department of Political Science, effective April 1, 1968 through June 30, 1968, to accept a Fulbright Grant in Germany.

JoAnn Davis, Instructor, University Libraries, effective February 1, 1968 through May 31, 1968, to serve as librarian aboard S. S. Ryndam of Chapman College.

F. Emeritus Title

Alden R. Winter, Department of Poultry Science, with the title Professor Emeritus, effective January 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Promotions, Appointment, Change in Administrative Responsibility, Leaves 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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February 8, 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 September 5, 1950, 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, National Institutes of Health, Bethesda, Maryland, Histochemistry and Cytology of Hemopoiesis (to be known as National Institutes of Health Project No. 893-I - Ext. #9 - Department of Anatomy).
Gross Value - \$32,762.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218-G - Ext. #7 - Institute of Nutrition and Food Technology).
Gross Value - \$25,309.00.
- a3. 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. #1 - Department of Physics).
Gross Value - \$10,800.00.
- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404-F - Ext. #6 - Department of Physiological Chemistry).
Gross Value - \$33,736.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$28,084.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as Bureau of Health Manpower Project No. 1651-D - Sup. #1 - Department of Business Organization).
Gross Value - \$27,140.00.

February 8, 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. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Blood PO₂ Artery QO₂ Relationships in Atherosclerosis (to be known as National Institutes of Health Project No. 1800-D - Ext. #4 - Department of Physiology).
Gross Value - \$11,760.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Quinones Related to 9, 10-Dimethyl-1, 2-Benzathracene (to be known as National Institutes of Health Project No. 1809-C - Ext. #3 - Department of Chemistry).
Gross Value - \$19,884.00.
- a9. U. S. Atomic Energy Commission, Chicago Operations Office, Chicago, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958-A - Mod. #3 - Department of Metallurgical Engineering).
Gross Value - \$31,446.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060-B - Rev. Award - Department of Otolaryngology).
Gross Value - \$3,766.00.
- a11. Department of Interior, Federal Water Pollution Control, Washington, D. C., Concentration of Chemicals by Floc Forming Organisms (to be known as Federal Water Pollution Control Project No. 2088-B - Ext. #2 - Department of Microbiology).
Gross Value - \$24,657.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094-C - Ext. #3 - Department of Medicine).
Gross Value - \$27,928.00.
- a13. 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. #1 - Department of Chemistry).
Gross Value - \$36,200.00.

February 8, 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 State, Agency for International Development, Washington, D. C. , Technical Assistance in the Development for Human Resources in Ecuador (to be known as Department of State Project No. 2158 - Amend. #9 - Department of Economics).
Gross Value - \$20,000.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Role of Enzyme Interactions in Metabolic Regulation (to be known as National Institutes of Health Project No. 2279-A - Edition #1 - Department of Biochemistry).
Gross Value - \$34,635.00.
- a16. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-A - Ext. #1 - Department of Physiology).
Gross Value - \$27,619.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures on Antigenicity of Mycoplasma Pneumoniae (to be known as National Institutes of Health Project No. 2356 - Sup. #1 - Department of Medical Microbiology).
Gross Value - \$75,347.00.
- a18. Department of Navy, Office of Naval Research, Washington, D. C. , Nonsimilar Solutions of Binary Boundary Layers (to be known as Office of Naval Research Project No. 2362 - Amend. AA - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,700.00.
- a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Drug Organism Interactions (to be known as National Institutes of Health Project No. 2370-A - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$11,042.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as National Institutes of Health Project No. 2379-A - Ext. #1 - Department of Chemistry).
Gross Value - \$14,684.00.

February 8, 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. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Classified Project (to be known as Classified Project No. 2382 - C. O. #1 - Department of Electrical Engineering and ElectroScience Laboratory).
Gross Value - \$85,000.00.
- a22. U. S. Army Research Office, Durham, North Carolina, Luminescent Material Preparation and Spectroscopy (to be known as U. S. Army Research Office Project No. 2419 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$24,819.00.
- a23. Department of Army, Army Research Office, Durham, North Carolina, Optical Masers (to be known as Army Research Office Project No. 2424 - Sup. #1 - Department of Physics).
Gross Value - \$56,066.00.
- a24. U. S. Army Research Office, 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 Project No. 2426 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$39,336.00.
- a25. Department of Air Force, Air Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology in Communications Through the Plasma Sheath (to be known as Department of Air Force Project No. 2438 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$40,000.00.
- a26. Department of Air Force, Air Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Technical Support for X-band Satellite Communications Array (to be known as Department of Air Force Project No. 2438 - C. O. #2 - Department of Electrical Engineering).
Gross Value - \$5,000.00.
- a27. National Science Foundation, Washington, D. C., Combinatorial Problems of Statistical Designs of Experiments (to be known as National Science Foundation Project No. 2548 - New - Department of Mathematics).
Gross Value - \$26,700.00.

February 8, 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. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ketone Body Synthesis in the Chicken (to be known as National Institutes of Health Project No. 2555 - New - Institute for Nutrition and Food Technology).
Gross Value - \$9,883.00.
- a29. Office of Naval Research, Washington, D. C., An Objective Prism Search for Early Type Stars Near the South Galactic Pole (to be known as Office of Naval Research Project No. 2565 - New - Department of Astronomy).
Gross Value - \$7,658.00.
- a30. Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Histological Research on the Central Nervous System and Inner Ear (to be known as Systems Engineering Group Project No. 2566 - New - Department of Otolaryngology).
Gross Value - \$14,500.00.
- a31. Air Force Office of Scientific Research, Arlington, Virginia, Response of a Large System to Time-Dependent Fields of Arbitrary Strength (to be known as Air Force Office of Scientific Research Project No. 2567 - New - Department of Physics).
Gross Value - \$22,595.00.
- a32. U. S. Department of Agriculture, Forest Service, North Central Forest Experiment Station, St. Paul, Minnesota, Investigation of Changes in the Vegetative Terminal Meristems of Pinus banksiana (to be known as U. S. Department of Agriculture, Forest Service, Project No. 2568 - New - Department of Botany).
Gross Value - \$3,400.00.
- a33. U. S. Army Research Office, Durham, North Carolina, The Charge Mechanisms in Ferroelectrics (to be known as U. S. Army Research Office Project No. 2569 - New - Department of Mechanical Engineering).
Gross Value - \$10,000.00.
- a34. National Science Foundation, Washington, D. C., Algebra, Arithmetic, and Discrete Geometry (to be known as National Science Foundation Project No. 2571 - New - Department of Mathematics).
Gross Value - \$58,900.00.

February 8, 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)

- a35. National Science Foundation, Washington, D. C., Liquid He³-He⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2572 - New - Department of Physics).
Gross Value - \$81,900.00.
- a36. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization Research and Development Division, Peoria, Illinois, Novel Transformations of Starch Products Leading to Deoxygenated and Carbon-Substituted Derivatives (to be known as Agricultural Research Service, Northern Utilization Research and Development Division Project No. 2573 - New - Department of Chemistry).
Gross Value - \$189,662.00.
- a37. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography (to be known as National Science Foundation Project No. 2575 - New - Department of Geography).
Gross Value - \$2,400.00.
- a38. Navy Purchasing Office, Brooklyn, New York, Study to Relate Yield Strength With Metallographic Structure of HY 130/150 KPSI (5% Ni) (to be known as Navy Purchasing Office Project No. 2576 - New - Department of Welding Engineering).
Gross Value - \$7,500.00.
- a39. National Science Foundation, Washington, D. C., Infrared Spectrophotometry of Late Type Stars (to be known as National Science Foundation Project No. 2577 - New - Department of Astronomy).
Gross Value - \$11,600.00.
- a40. National Science Foundation, Washington, D. C., Refining and Expanding a Simulation of Relation Among Nations (to be known as National Science Foundation Project No. 2579 - New - Department of Political Science).
Gross Value - \$33,200.00.

TOTAL - Government Contracts - Federal \$1,256,618.00

2. Industrial and Other Contracts

- a1. 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. C460686 - Department of Surgery).
Gross Value - \$1,164.00.

February 8, 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. 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 - Amend. #4 - Department of Welding Engineering).
Gross Value - \$50,565.00.
- a3. Central Midwestern Regional Educational Laboratory, St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory Project No. 2420 - Amend. #3 - School of Art).
Gross Value - \$28,863.00.
- a4. Heart Association of Eastern Ohio, Youngstown, Ohio, and Northwestern Ohio Heart Association, Toledo, Ohio, Pathology of Spontaneous and Experimental Canine Cardiac Hypertrophy and Congestive Heart Failure (to be known as Heart Association of Eastern Ohio, Youngstown, Ohio, and Northwestern Ohio Heart Association, Toledo, Ohio, Project No. 2570 - New - Department of Veterinary Pathology).
Gross Value - \$6,500.00.
- a5. The Deafness Research Foundation, New York, New York, Acquired Cholesteatomas (to be known as The Deafness Research Foundation Project No. 2580 - New - Department of Otolaryngology).
Gross Value - \$8,566.00.
- a6. Life Insurance Medical Research Fund, Rosemont, Pennsylvania, Studies of the Alteration and Restoration of the Immune Response (to be known as Life Insurance Medical Research Fund Project No. 2581 - New - Department of Anatomy).
Gross Value - \$22,000.00.

TOTAL - Industrial and Other Contracts \$117,658.00

The foregoing forty-six contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,374,276.00.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, 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 November 28, 1967 through January 19, 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:

February 8, 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

EES 248X Fundamentals of Soil Compaction, Ohio Department of
Highways, Columbus, Ohio.
Gross Value - \$3,210.00.

EES 308X Reflectance Characteristics of Pavement Surfaces, Ohio
Department of Highways, Columbus, Ohio.
Gross Value - \$16,020.00.

TOTAL - Government Research Contracts \$19,230.00

2. Industrial Research Contracts

EES 307X Experimental Determination of Combustibility, American
Iron and Steel Institute, New York, New York.
Gross Value - \$8,280.00.

SC 72 OCD Architects and Engineers Professional Development
Courses, Spring 1968, National Society of Professional
Engineers, Washington, D. C.
Gross Value - \$9,654.00.

TOTAL - Industrial Research Contracts \$17,934.00

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$37,164.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
December 14, 1967, 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. \$241,700.00 granted by National Science Foundation, Washington, D. C.
20550, to the University for an "Academic Year Institute for Secondary
School Teachers," under the direction of the College of Education. This
grant terminates on September 30, 1969. (GW-2315)
2. \$96,230.00 granted by National Science Foundation, Washington, D. C.
20550, to the University for a "Summer Institute in Mathematics for
Secondary School Teachers," under the direction of the Department of
Mathematics. This grant terminates on September 30, 1968. (GW-2463)

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$54,120.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in the History of Biology for College Teachers," under the direction of the Department of Botany. This grant terminates on September 30, 1968. (GY-4033)
4. \$52,700.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in Science for Secondary School Teachers," under the direction of the College of Education. This grant terminates on September 30, 1968. (GW-2472)
5. \$47,350.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in Geology and the Nature of Science for Secondary School Teachers," under the direction of the Department of Geology. This grant terminates on September 30, 1968. (GW-2451)
6. \$34,424.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Management Training Program for Educational Research Leaders," under the direction of the College of Education, for the period October 1, 1967 through March 31, 1969. (Grant No. OEG-0-8-000167-1923 010)
7. \$27,354.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period April 1, 1967 through June 30, 1968. (Grant No. 3 G02 RM-00022-01S1)
8. \$17,542.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Development Award - Research Career Program entitled "Sarcoid Etiology Effect of SM on OX-DNA Replication," under the direction of the Department of Medical Microbiology, for the period January 1, 1968 through December 31, 1968. (Grant No. 1 K03 AI05714-01)
9. \$15,975.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Secondary Science Training Program," under the direction of the College of Engineering. This grant terminates on September 30, 1968. (GW-2963)
10. \$8,050.00 granted by Alfred P. Sloan Foundation, 630 Fifth Avenue, New York, New York 10020, to the University for support of fundamental research in the Department of Chemistry.

TOTAL - Received Through the Office of Business and Finance \$595,445.00

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$240,000.00 in securities (8,000 shares of Suburban Motor Freight, Inc.) from Everett D. Reese for the establishment of a Chair in his name.
2. \$150,000.00 from "The Andersons" (Donald E. Anderson, Harold Anderson, John D. Anderson, Richard P. Anderson, Robert J. Anderson, Thomas H. Anderson, and Paul M. Kraus), Maumee, Ohio, to be added to The Andersons Agricultural Research Fund.
3. \$75,000.00 through a bequest from Arno C. Fieldner for the establishment of The Arno C. Fieldner Research Fellowship in Chemical Engineering.

The Arno C. Fieldner Research Fellowship
in Chemical Engineering

The Arno C. Fieldner Research Fellowship in Chemical Engineering was established February 8, 1968, by the Board of Trustees of The Ohio State University, with a bequest from the late Arno C. Fieldner, B.Sc. Ch. E. '06, C. E. '23, D.Sc. (Honorary) '44, formerly of Washington, D. C., through The Ohio State University Development Fund.

This bequest is to be placed in the University's investment portfolio under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income therefrom is to be used to establish and maintain a research fellowship, with appointment to the fellowship to be made by the Chairman of the Department of Chemical Engineering.

In case the need for the fellowship herein described should cease to exist or so diminish as to create unused income, then the Board of Trustees of said University may use said income in its discretion, preference to be given to items in the field of chemical engineering.

4. \$25,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Departments of Chemistry (\$15,000.00), Chemical Engineering (\$5,000.00), and Metallurgy (\$5,000.00).
5. \$20,450.00 from General Motors Corporation, Detroit, Michigan--\$17,450.00 for the General Motors Corporation Scholarship Fund and \$3,000.00 for the Department of Metallurgical Engineering Fund.
6. \$17,900.80 from William H. Havener, M. D. --\$14,713.80 for the Ophthalmologic Center Fund and \$3,187.00 for the Ophthalmology Teaching Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

7. \$15,126.00 from Robert L. Ireland III for the R. L. Ireland III and Jacqueline Ireland Fund.
8. \$14,000.00 from Battelle Memorial Institute--\$10,000.00 (In the name of Edward E. Slowter) for the Presidents Club Special Fund and \$4,000.00 (In the name of Bertram D. Thomas) as an undesignated gift to the University.
9. \$12,500.00 from City National Bank--\$10,000.00 for the John W. Bricker Professorship in the College of Law and \$2,500.00 for the Administrative Seminar Fund in the College of Medicine.
10. \$11,200.00 from Charles G. Bond, Brooklyn, New York, for the Charles G. Bond Fund.
11. \$10,170.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Marie R. Bremer), for the Bremer Foundation Fund in the College of Medicine.
13. \$10,000.00 from the Friedman Foundation, Tiffin, Ohio, for the Friends of Music Fund.
14. \$10,000.00 from Robert M. Ganger, Bronxville, New York--\$5,000.00 for the College of Commerce and Administration Fund and \$5,000.00 for the University Emergency Fund.
15. \$10,000.00 from Charles Pfizer and Company, Inc. for the Infectious Disease Research Fund.
16. \$8,000.00 from Esso Education Foundation, New York, New York--\$4,000.00 for the Esso Graduate Fellowship and \$4,000.00 for the Esso Graduate Fellowship in Chemical Engineering.
17. \$8,000.00 from McNeil Laboratories, Fort Washington, Pennsylvania, for the Anesthesia Fellowship Fund.
18. \$7,000.00 from Suburban Motor Freight, Inc. (In the name of James R. Riley) for the James R. Riley Professorship in Transportation and Business Logistics.
19. \$6,000.00 from the John and Mary Markle Foundation for the Markle Foundation Surgery Research Fund.
20. \$5,585.05 from Ullery, Vorys, Teteris, Neri & Associates for the Medical Research Consultants Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$5,397.50 from the C. R. Porthouse Charitable Trust (In the name of J. David Porthouse and Roberta A. Porthouse) for the establishment of the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.

Joseph H. Koffolt Undergraduate Scholarship Award
in Chemical Engineering

The Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends, former students, and associates of Joseph H. Koffolt, B.Ch.E. '24, M.Sc. '29, Ph.D. '31. (Dr. Koffolt served as Professor in and Chairman of the Department of Chemical Engineering.)

All gifts are to be placed in the University's permanent endowment under the rules and regulations adopted by the Board of Trustees with the right to invest and reinvest as occasion dictates.

The awards are to be made on the recommendation of the Chairman of the Department of Chemical Engineering. The criteria for the selection of award recipients will be based on the following: First, and of prime consideration, the individual's potential for professional leadership; secondly, scholarship; and finally, need. The latter is of least importance, but notwithstanding, should be considered.

When the principal of this fund reaches \$100,000.00, the income is to be used to provide one or more graduate fellowships in Chemical Engineering, with a minimum annual stipend of \$4,000.00 per fellow.

In the event the need for this income in the area stipulated should cease or diminish as to create unused income, the Board of Trustees or successive governing body of the University shall direct use of the income for purposes within the field of Chemical Engineering as recommended by the appropriate administrative official of the University then directly responsible for engineering education at The Ohio State University.

22. \$5,289.00 from the Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
23. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, for the John J. Fahey Fund.
24. \$5,000.00 from The F. & R. Lazarus Company for the Trent D. Sickles Scholarship Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

25. \$5,000.00 from Standard Oil Company, Chicago, Illinois--\$3,000.00 for the Distinguished Teachers Award and \$2,000.00 for the President's Contingency Fund.
26. \$4,500.00 from Armco Foundation for the Armco Fellowship in Metallurgical Engineering.
27. \$4,500.00 from Owens-Illinois, Inc., for the Owens-Illinois Fellowship in Ceramic Engineering.
28. \$4,172.40 in securities from Jacob E. Davis--\$2,086.20 for the John W. Bricker Professorship in the College of Law and \$2,086.20 for the Jacob E. Davis Fund in the College of Law.
29. \$3,670.00 from Robert M. Critchfield for the Robert M. Critchfield Fund in Engineering.
30. \$3,500.00 from Nationwide Foundation for the Nationwide Fellowship Fund for Industrial Engineering.
31. \$3,500.00 from the Arline and Thomas F. Patton Foundation--\$2,000.00 for the Thomas F. Patton Fund in the College of Law and \$1,500.00 for the Novice G. Fawcett Professorship in Educational Administration.
32. \$3,125.25 in securities from Fontaine R. Henninger for the establishment of the Dr. James R. Withrow Memorial Scholarship Fund.

Dr. James R. Withrow Memorial Scholarship Fund

The Dr. James R. Withrow Memorial Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University, with a gift through the Development Fund from Fontaine R. Henninger, B. Ch. E. '16, M. Sc. '17, a grateful student whom Dr. Withrow helped to start on his career. (Dr. Withrow served as Professor and Chairman of the Department of Chemical Engineering.)

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

Income plus \$300.00 of the principal is to be used annually to provide one or more scholarships for needy and promising students in the Department of Chemical Engineering for 25 years. At the termination of the 25-year period, principal and income are to be made available to the Department of Chemical Engineering for needed equipment.

33. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

34. \$3,000.00 from Charles A. Triplehorn for the Herbert Osborn Scholarship Fund.
35. \$2,799.88 from J. Gilbert Reese for the J. Gilbert Reese Scholarship Fund.
36. \$2,577.75 from Oscar E. Carlin for the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund.
37. \$2,577.75 from Florence P. (Mrs. Oscar) Carlin for the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund.
38. \$2,200.00 from John B. Nordholt, Jr., Tiffin, Ohio, for the establishment of the John B. Nordholt Memorial Scholarship Fund.

John B. Nordholt Memorial Scholarship Fund

The John B. Nordholt Memorial Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the sons, wife, and friends of John B. Nordholt, Sr., M. E. '08, formerly of Tiffin, Ohio.

All gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income is to be used annually to provide one or more scholarships for students enrolled in the Department of Mechanical Engineering.

Should the need for these scholarships cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income for any purposes whatsoever in the general area of mechanical engineering.

39. \$2,200.00 from James S. Nordholt, Sr., Tiffin, Ohio, to add to the John B. Nordholt Memorial Scholarship Fund.
40. \$2,066.00 from Hazel Zeller Nesbitt--\$1,033.00 for the Hugh E. Nesbitt Memorial Fund and \$1,033.00 for the John W. Bricker Professorship in the College of Law.
41. \$2,000.00 from Columbus Jewish Welfare Foundation (In the name of Theodore N. Beckman) for the Theodore N. Beckman Fund for Research in Marketing.
42. \$2,000.00 from Carol S. Kennedy for the Presidents Club Special Fund.

IV. GRANTS AND GIFTS (continued)

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

43. \$2,000.00 from George W. Byers, Sr., for the Presidents Club Special Fund.
44. \$2,000.00 from E. J. Will & Company (In the name of Edwin J. Will) for the Presidents Club Special Fund.
45. \$1,900.00 from the G. D. Searle and Company for the G. D. Searle Fund.
46. \$1,610.00 from the Ohio Cannery and Food Processors Association for the establishment of the Ohio Cannery and Food Processors Memorial Fund.

Ohio Cannery and Food Processors Memorial Fund

The Ohio Cannery and Food Processors Memorial Fund was established February 8, 1968, by the Board of Trustees with gifts through the Development Fund in memory of members and friends of Ohio's canning and food processing industry.

All gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees with the right to invest and reinvest as occasion dictates.

Income is to be used to assist deserving and needy students who have expressed an interest in careers as food technologists in the canning and food processing industry and/or to assist the University's academic program in food technology as determined by Dr. Wilbur A. Gould, Professor, Department of Horticulture and Forestry, so long as he is a member of the faculty. Thereafter determination shall be made by his successors on the faculty or those most responsible for this area of academic interest at the University.

Should the need for said income cease to exist or so diminish as to leave unused income for a period of three consecutive years, then the Board of Trustees may use it for whatever purposes deemed necessary in the general area of interest expressed above.

47. \$1,525.00 from Mr. and Mrs. Lawrence W. Kavanagh for the establishment of the Mr. and Mrs. Lawrence W. Kavanagh Fund.

Mr. and Mrs. Lawrence W. Kavanagh Fund

The Mr. and Mrs. Lawrence W. Kavanagh Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts from Mr. and Mrs. Lawrence W. Kavanagh, Santiago, Chile, through The Ohio State University Development Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

47. Mr. and Mrs. Lawrence W. Kavanagh Fund (continued)

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

The income is to be used in accordance with the suggestions of either Mr. or Mrs. Kavanagh, as long as they live and so long as the suggestions do not conflict with policies of said Board of Trustees then in effect. After the decease of Mr. and Mrs. Kavanagh, income may be used for whatever purpose determined by said Board of Trustees.

48. \$1,500.00 from Dr. Neil R. Thomford for the Lab Research Fund.
49. \$1,500.00 from Bernard H. Marks, M. D., for the Pharmacology Teaching Fund.
50. \$1,500.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
51. \$1,057.60 from Samuel Marable, M. D., for the General Surgery Fund.
52. \$1,043.00 from Alan B. Loop for the College of Law Student Financial Aids Fund.
53. \$1,006.25 from Harland T. Martin for the Agricultural Education Scholarship Fund.
54. \$1,000.00 from Ashland County Cancer Society for the United Health Foundation of Ashland.
55. \$1,000.00 from Dr. James E. Bennett for the Ophthalmologic Center Fund.
56. \$1,000.00 from Dr. Joseph L. Bitonte--\$500.00 for Ophthalmologic Center Fund, \$400.00 for Operation Eye Research Fund, and \$100.00 for Bitonte Dental Student Loan Fund.
57. \$1,000.00 from C. I. E., Inc., for the C. I. E., Inc., Matching Gift Program.
58. \$1,000.00 from Dolly Lurie Cohen (Mrs. A. B.) for the Department of Athletics Fund Number 2409.
59. \$1,000.00 from The Corrugated Container Co. (In the name of Samuel S. Davis) for The Corrugated Container Company Fund.
60. \$1,000.00 from Denman Rubber Manufacturing Co. (In the name of James H. Hoffman) for the University Relations Discretionary Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

61. \$1,000.00 from John D. Drinko for the College of Law Research Fund.
62. \$1,000.00 from Erie County Cancer Society for the Erie County Cancer Society Fund for Obstetrics and Gynecology.
63. \$1,000.00 from General Telephone and Electronics (Matching gift for Donald C. Power) for the Donald C. Power Fund for the College of Law.
64. \$1,000.00 from Robert E. Goodsell for the Presidents Club Special Fund.
65. \$1,000.00 from The Heer Foundation (In the name of Walter F. Heer, Sr.)--\$500.00 for the Operation Eye Research Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
66. \$1,000.00 from Dr. James B. Hull--\$500.00 for the Novice G. Fawcett Professorship in Educational Administration and \$500.00 for the James B. Hull Fund.
67. \$1,000.00 from Dr. Herbert Kessinger for the Ophthalmologic Center Fund.
68. \$1,000.00 from Howard E. LeFevre for the Howard E. and Catherine B. LeFevre Scholarship Fund.
69. \$1,000.00 from the Licklider Foundation (In the name of Dr. Ralph S. Licklider) for the Ralph S. Licklider Family Fund.
70. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
71. \$1,000.00 from Mrs. Mary McCaughey (Mrs. John) Love for the Charles Austin Doan Fund.
72. \$1,000.00 from Dr. Robert H. Magnuson for the Ophthalmologic Center Fund.
73. \$1,000.00 from The Millard Foundation (In the name of Millard M. Cummins, Jr.) for the Ophthalmologic Center Fund.
74. \$1,000.00 from J. Paul McNamara for the Gertrude Saylor McNamara Memorial Fund.
75. \$1,000.00 from Harry M. Miller for the John W. Bricker Professorship in the College of Law.
76. \$1,000.00 from Clarence S. Ohsner for the Insurance Hall of Fame Seminar Room Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

77. \$1,000.00 from Galen F. Ohman (B. Arch. E. '20, B. Arch. '20), Columbus, Ohio--\$500.00 for the Michael Peppe Scholarship Fund and \$500.00 for the establishment of the Alpha Rho Chi Scholarship Fund.

Alpha Rho Chi Scholarship Fund

The Alpha Rho Chi Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts made by alumni and friends of the University through The Ohio State University Development Fund.

All gifts are to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates, except that up to 50 percent of all gifts received in any one year may be used for scholarships in that year if the annual income from this endowment does equal or exceed \$400.00.

Income is to be used to provide scholarships to undergraduate students enrolled in the School of Architecture. Scholarship awardees are to be selected by the University Scholarship and Loan Committee from those applicants recommended by the alumni executive committee of the Demetrios Chapter, Alpha Rho Chi fraternity.

The minimum scholarship award is to be \$100.00 per academic year per student; the maximum award is to be \$250.00. The donors intend that four scholarships be awarded per year and request the selection take the following order: a fourth-year student, a third-year student, a second-year student, a first-year student. If four scholarships are available, then one each should be awarded to students with each of the four class ranks.

Should the need for these scholarships cease to exist or so diminish as to leave unused income or should there be no recommendation from the Alpha Rho Chi Chapter alumni executive committee, then the University Scholarship and Loan Committee may award the scholarship(s) to any student in the School of Architecture or the Board of Trustees of the University may use the income for any purpose whatsoever in the area of architecture.

78. \$1,000.00 from Dr. Wendell D. Postle for the Wendell D. and Helen R. Postle Loan Fund.
79. \$1,000.00 from Donald C. Power for the Donald C. Power Fund for College of Law.
80. \$1,000.00 from Harry G. Schmidt for the Ottawa Club Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

81. \$1,000.00 from Alex Schoenbaum for the Alex Schoenbaum Fund.
82. \$1,000.00 from Robert W. Setterlin & Co. (In name of Ralph F. Setterlin, Sr.) for the Ralph F. Setterlin, Sr. Fund.
83. \$1,000.00 from Mrs. Margaret Kaufman (Mrs. John W.) Spain for the Operation Eye Research Fund.
84. \$1,000.00 from Frederick Stecker for the Presidents Club Special Fund.
85. \$1,000.00 from James C. Steffan for the John W. Bricker Professorship in the College of Law.
86. \$1,000.00 from Chester O. Sullivan for the Insurance Hall of Fame Fund.
87. \$1,000.00 from Union Commerce Bank Trust Department (Raymond Q. Armington) for the Raymond Q. Armington Fund for the College of Engineering.
88. \$1,000.00 from the Trust under the Will of Emerson S. Zuck for the Emerson S. and Lucy J. Zuck Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$794,605.23

C. Gifts-in-Kind

1. A gift of laser accessories from The Ohio Steel Foundry Company, Lima, Ohio, for use in the Department of Electrical Engineering in the ElectroScience Laboratory.
2. Five elegantly designed costumes from Mrs. Harvey S. Firestone, Jr., to be added to the Firestone collection in the School of Home Economics.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the acceptance of the above 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

1. Month of November, 1967

In November, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

1. Month of November, 1967 (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,471	\$ 78,724.74
Individuals other than alumni	211	7,578.36
Nonprofit organizations	38	27,426.22
Business concerns	9	49,315.96
	<u>1,729</u>	<u>\$ 163,045.28</u>

Of these gifts, 1,057 totaling \$9,809.10 were undesignated and 672 totaling \$153,236.18 were designated.

2. Month of December, 1967

In December, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,769	\$ 376,156.33
Individuals other than alumni	121	52,062.18
Nonprofit organizations	14	32,531.85
Business concerns	14	210,029.92
	<u>2,918</u>	<u>\$ 670,780.28</u>

Of these gifts, 2,155 totaling \$25,029.67 were undesignated and 763 totaling \$645,750.61 were designated.

3. Annual Report, 1967

The totals for the calendar year 1967, January 1 to December 31, inclusive, were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	32,230	\$1,353,799.47
Individuals other than alumni	1,328	136,295.27
Nonprofit organizations	396	1,036,547.24
Business concerns	223	828,843.74
	<u>34,177</u>	<u>\$3,355,485.72</u>

Of these gifts, 25,876 totaling \$225,540.78 were undesignated and 8,301 totaling \$3,129,944.94 were designated.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Establishment of a New Fund from a Previously Reported Gift

1. The T. J. Kennedy Family Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Miss Helen C. Kennedy, formerly of Xenia, Ohio (Reported November 9, 1967).

Gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income and principal are to be used for the support of research on eye diseases that is conducted by the University's Institute for Research in Vision under the direction of the College of Biological Sciences.

Upon motion of Mr. Jones, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the establishment of the above-named Fund.

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V. PLANS AND SPECIFICATIONS

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

A. Roof Repairs - 1968

This project will provide roof repairs for Botany and Zoology Building, Men's Physical Education Building, and Orton Hall.

Funds for this project will be provided from Budget Account 121658 (Contract Repair).

B. Library Elevator Remodeling

This project provides installation of a modern passenger elevator to replace the unreliable and unsafe unit presently servicing the south four-story portion of the main library.

Funds for this project will be provided by a transfer of funds from Budget Account 121658 (Contract Repair) to Budget Account 801152 (Construction Account, Library Elevator Remodeling).

C. Agricultural Administration Building - Improvements to Heating and Air Conditioning

This project provides for the installation of a central heating and air conditioning system for the first floor, west wing of the Agricultural Administration Building.

February 8, 1968 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

C. Agricultural Administration Building - Improvements to Heating and Air Conditioning (continued)

Funds for this project will be provided by a transfer of funds 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).

D. Van de Graaff Laboratory Addition

This project is an addition to the existing Van de Graaff Laboratory providing additional offices and research space.

Funds for this project will be provided from Budget Account 801148 (Construction Account for Van de Graaff Laboratory Addition).

E. Sisson Hall - Remodeling of West Wing

This project provides for complete remodeling of interior space to provide additional staff offices for the Dean of Veterinary Medicine and Administrative offices.

Funds for this project will be provided by a transfer of funds from Budget Account 129110 (College of Veterinary Medicine Improvements Budget) and Budget Account 921400 (Physical Plant Labor and Materials) to Budget Account 801154 (Construction Account, Sisson Hall - Remodeling of West Wing).

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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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 contracts were recommended for award. The action reported to the Board was as follows:

A. Humanities Center - Foreign Languages Building

On September 14, 1967, the Board of Trustees approved the award of contracts for this project but the Department of Health, Education, and Welfare did not concur in the award. More than 30 days has passed since bids were received and all bidders therefore have the right of withdrawing their bids.

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Humanities Center - Foreign Languages Building (continued)

Labor costs have increased and materials have advanced since the expiration of the 30-day bids. It is estimated that an increase in the low bidder's bid on the Plumbing Contract of \$5,900.00 will make their bid current, and still provide a price scale under the second lowest bidder. President Fawcett therefore recommended that the previous Board action be amended to indicate the following figures for the Plumbing Contract.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 8-30-67)		
Piping Contractors Co. (Columbus)		
Base Bid	\$89,304.00	\$78,800.00
Alt. P-1 Vacuum-Cleaning System	<u>5,349.00</u>	<u>6,000.00</u>
Total Contract	<u>\$94,653.00</u>	<u>\$84,800.00</u>

Funds for this project are provided from Item 315-044, H. B. 886, and a Title II Federal Grant.

Upon motion of Mr. Safford, 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.

B. Center for Tomorrow

Bids were received on February 6, 1968 for this project, all of which were over the estimate of cost with the exception of the General Contract. President Fawcett therefore recommended that the Board of Trustees approve the award of contract to the low bidder for the General Contract, Knowlton Construction Company, Bellefontaine, Ohio, and authorize the Vice President for Business and Finance to proceed in the normal University manner to readvertise the Plumbing, Electrical, Heating and Ventilating, Kitchen Equipment and Stage Equipment Contracts for a period of not more than 10 days, to award the contracts to the satisfactory low bidders, and report to the Board all action in regard to this project.

Funds for this project are provided from Budget Account 801035 (Construction Account, Center for Tomorrow).

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

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February 8, 1968 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

The Ohio Board of Regents

- 14 Approves the transfer and release of \$1,685,338.00 from Item 235-008 Technical Institutes, Community Colleges, and University Branches to Item 315-051 General College Building No. 2, H. B. 886, to provide funds for construction of this project.

The Ohio State University

- 30 Approves the release of \$24,734.00 from Item 046 Horticultural and Forestry Building, H. B. 886, to provide funds for a pole barn included in this project.
- 32 Approves the acquisition of Lot No. 39, 2nd Wood-Brown Co. Addition, Clinton Township, Franklin County, Ohio, and commonly known as 2477 Wood Avenue.
- 33 Approves the award of the electrical contract for the Dodd Hall Addition to the second lowest bidder without further competitive bidding.
- 34 Approves the award of the electrical contract for Humanities - Language Building to the second lowest bidder without further competitive bidding.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. 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. France, the above recommendation was approved by unanimous roll call vote.

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

B. Van de Graaff Laboratory Addition - Employment of Engineers

President Fawcett recommended that the engineering firm of Ralph and Curl 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 and estimate of cost, and field supervision of construction as required.

The fee for this service will be calculated at the rate of 5 1/2 per cent of the cost of the plumbing, heating and electrical work, an estimated \$2,502.50 and funds will be provided by a transfer of funds from Budget Account 139999 (Equipment Reserve) to Budget Account 801148 (Van de Graaff Laboratory Addition).

Upon motion of Mr. Hilliker, seconded by Mr. France, the above recommendation and transfer of funds was approved by unanimous roll call vote.

C. Purchase of Property - South Bass Island, Whelan Property

Since it would be in the best interests of The Ohio State University to acquire the John A. Whelan property on South Bass Island, which property is adjacent to property of the State of Ohio and the Board of Trustees of The Ohio State University, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from John A. Whelan and Claire G. Whelan at a price of \$9,000.00:

Property being Lots #48, 49 and 50, Schiele and Halloway's Peach Point Subdivision, South Bass, Put-In-Bay, Ottawa County, Ohio, and the purchase contained herein includes the three lots, the appurtenances thereon and the furnishings therein. Last transfer of record: Deed Book Volume 230, page 649, dated October 19, 1965.

Funds for this purchase are available in the Mary D. Rogick Fund.

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

D. Easement, Newark Campus - National Gas and Oil Corporation

The National Gas and Oil Corporation has requested a gas line easement on State of Ohio lands that have been designated for the use of The Ohio State University, Newark Branch. The gas line will provide natural gas to the Newark Campus.

February 8, 1968 meeting, Board of Trustees

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

D. Easement, Newark Campus - National Gas and Oil Corporation (continued)

President Fawcett recommended that a gas line easement be granted to the National Gas and Oil Corporation. 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 gas service to the Newark Campus.

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

E. Pedestrian Bridge Over Olentangy River and Olentangy River Road - Employment of Engineers

President Fawcett recommended that the engineering firm of Tweed & Eriksson be employed to provide complete engineering services for this project including underwater survey, preliminary plans, detailed construction drawings, specifications, contract documents, and periodic supervision of construction.

The fee for this service will be calculated on the basis of 10 per cent of the construction cost or an estimated \$8,000.00. Funds will be provided by a transfer from the Student Service Account to Budget Account 801083 (Construction Account, River Union).

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

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IX. RESOLUTION OF APPRECIATION

Upon the recommendation of the Vice President for Business and Finance, and with the concurrence of the President's Cabinet, President Fawcett proposed that the Board of Trustees adopt the Resolution of Appreciation, as shown on the opposite page, to recognize the 38 years of unique, effective, and dedicated service of Emerson B. Laird who recently retired as Manager of The Ohio State University Bookstore.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees adopted the resolution by unanimous voice vote, and the Secretary was instructed to have the Resolution reproduced on a Perma-Glaze Plaque for presentation to Mr. Laird.

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The Ohio State University

RESOLUTION OF APPRECIATION

WHEREAS

EMERSON B. LAIRD

has served the University continuously and with steadfast dedication for a span of 38 years, all of which was devoted to The Ohio State University Bookstore, first as a student clerk in 1928, then as assistant manager in 1933, and since 1946 in the capacity of manager, and

WHEREAS

he has, by holding various responsibilities at three levels, developed an exceptional insight which allowed him to contribute richly toward the betterment of the total organization of the University Bookstore, as well as The Ohio State University, and

WHEREAS

he masterfully coped with the many complexities he encountered by displaying exemplary skills in problem-solving and decision-making, and

WHEREAS

by vigorously injecting himself into his duties and responsibilities, he has established high standards in his department, and in so doing has won the respect of his colleagues throughout the campus, and

WHEREAS

in keeping with any changes and innovations in bookstore administration, was active in related associations, such as The National Association of College Stores, wherein he served as trustee thereby contributing valuable assistance in shaping a better organization both for the Ohio State University and for the national level as well.

Now THEREFORE BE IT RESOLVED

upon the conclusion of his distinguished career as Manager of The Ohio State University Bookstore effective October 31, 1967, the Board of Trustees cites the commendatory service of Emerson B. Laird with highest regards.

Dated this eighth day of February, 1968.



Novie M. Sawatt
PRESIDENT
THE OHIO STATE UNIVERSITY

John M. Gisher
CHAIRMAN
BOARD OF TRUSTEES

John T. Mount
SECRETARY
BOARD OF TRUSTEES

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Anne M. Burns, Instructor in the School of Nursing; Alice R. Robinson, Professor Emeritus in the School of Art; Robert Victor Zumstein, Associate Professor Emeritus in the Department of Physics; and Alma Herbst, Professor Emeritus in the Department of 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. Anne M. Burns

The Board of Trustees expresses its sorrow at the death on October 13, 1967, of Anne M. Burns, Instructor in the School of Nursing.

Miss Burns was born in Corning, Ohio, on October 1, 1912. She was graduated from Mt. Carmel Hospital School of Nursing in 1934, received a Bachelor of Science degree in Nursing Education from The Ohio State University in 1937, and did graduate work in the School of Social Administration. She received the Master of Public Health degree from the University of Minnesota in 1948.

Miss Burns began her public-health nursing career at the Columbus Public Health Nursing Service and functioned there from 1936 to 1942. During World War II, from 1942 to 1946, Miss Burns served with the Mayo Clinic Unit of the Army Nurse Corps in the South Pacific Area. After the war, Miss Burns returned to Columbus and was appointed as the interviewing nurse for patient education in the newly established Central Ohio Rapid Treatment and served as field nursing consultant with the Ohio Department of Health. In 1950, Miss Burns was promoted to Assistant Chief in Education of the Division of Nursing of the Ohio Department of Health. In 1955, she became Chief of the Division of Nursing. Since 1952, Miss Burns had been an Instructor in the School of Nursing at The Ohio State University.

During the past twenty years Miss Burns worked earnestly and consistently with the six collegiate schools of nursing in Ohio to help them develop the public health aspects of their curricula. Through her position she helped make the public health agencies throughout the State available for the field experience required of all students in collegiate schools of nursing. She was particularly concerned about developing continuing educational programs for the public health nurses of Ohio. Through her intensive efforts, programs were developed in general public health nursing, rehabilitation nursing, and nursing in the care of patients with acute cardiac conditions.

Miss Burns was active and held office in many local, state, and national professional organizations, such as the American Nurses' Association, the National League for Nursing, and the American Public Health Association. Her advice was sought by the United States Public Health Service on its Advisory Committee for Heart Disease Control and on the National Expert Committee on Title II Traineeships. She was also appointed to the Technical Development Branch of the Governing Council of the American Public Health Association.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Anne M. Burns (continued)

Among the many honors and awards which Miss Burns received, one of the most outstanding was conferred upon her by President Eisenhower in 1958. She was appointed to the official United States delegation of the Eleventh World Health Organization Assembly to serve as nurse advisor to the United States delegation. She was one of five nurses from 83 countries selected to attend that meeting.

Miss Burns' sparkling personality, charm, ability, and enthusiasm have influenced countless nurses to engage in the field of public health nursing. She consistently stimulated those so engaged to strive for better education and preparation so that nursing service to patients would be of the highest quality possible.

On behalf of the members of the Faculty of the College of Medicine and her colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine of November 14, 1967, 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. Alice R. Robinson

The Board of Trustees expresses its sorrow at the death on December 23, 1967, of Alice R. Robinson, Professor Emeritus in the School of Art.

Alice Rebecca Robinson was born in 1881, in Congruity, Pennsylvania. She received a Bachelor of Literature in 1901 from Oxford College; Bachelor of Pedagogy in 1903 from Miami University; and a Bachelor of Science in 1916 at Teachers College, Columbia University. She studied painting at the Art Academy of Cincinnati in 1902-1903 and at the Art Students League in New York City in 1920. Her teaching experience before coming to The Ohio State University consisted of six years at Miami University in Oxford, Ohio (1904-1911) and one year at Washington State Normal School (1911-1912).

Alice Robinson was among the first of the Fine Arts faculty at The Ohio State University. She joined the faculty of the School of Art as an Instructor in 1912 and progressed through the academic ranks to become Professor in 1935. She was made Professor Emeritus upon retirement in 1947. In this thirty-five years, she was a strong influence in developing and encouraging the University to create a Fine Arts Department in the College of Education and later establishing the Graduate Program in Art Education.

Professor Robinson belonged to Tau Sigma Delta and Delta Phi Delta, Fine Arts Honorary Fraternities; Phi Lambda Theta, Education Honorary Fraternity; Columbus Gallery of Fine Arts; Urban League; League of Columbus Artists; Ohio Water Color Society; National Education Association; Progressive Education Association; Western Arts Association; Ohio Education Association; Art Section of OEA; and National and State Association of Supervisors of Practice Teaching.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Alice R. Robinson (continued)

Because of her active and creative mind, Professor Robinson was invited to participate in the Vassar College Experiment for the Geriatrics Institute, Cold Harbor Springs Foundation on the Hudson, New York. After retirement from The Ohio State University, she continued to teach art privately, and she was engaged in writing a history of the Fine Arts Department.

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.

C. Robert Victor Zumstein

The Board of Trustees expresses its sorrow at the death on December 28, 1967, of Robert Victor Zumstein, Associate Professor Emeritus in the Department of Physics.

Professor Zumstein was born in Wellandport, Ontario, Canada, on December 26, 1896. He received his Bachelor's degree in 1917, his Master's degree in 1918 from the University of Toronto, and his Ph. D. from the State University of Iowa in 1924. He was an Instructor at the State University of Iowa from 1920 to 1924, and a Fellow of the National Research Council at the University of Michigan from 1924 to 1926.

In 1927, Dr. Zumstein joined the faculty in the Department of Physics at The Ohio State University as Instructor and was promoted to Assistant Professor in 1932 and Associate Professor in 1942. During this time he carried on an active program in the area of atomic and molecular spectroscopy, particularly in the latter field. He also worked in x-ray spectroscopy. His publications during his tenure at Ohio State included 22 papers and one book.

Dr. Zumstein was interested also in the problems of instruction and his cheerful good nature and cooperative attitude made him well liked by his colleagues. He was a member of Sigma Xi and the American Physical Society.

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.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Alma Herbst

The Board of Trustees expresses its sorrow at the death on January 18, 1968, of Alma Herbst, Professor Emeritus in the Department of Economics.

Professor Herbst was born May 27, 1892, in Columbus, Ohio. She received her A. B. degree from The Ohio State University in 1914 and earned the Ph. D. degree in Economics at the University of Chicago in 1930. Her academic career was devoted to The Ohio State University where she progressed through the academic ranks from Instructor to Professor, beginning in 1930. She retired from the University at the end of the academic year 1962-63. Throughout her years of service at the University, her classes were distinguished by a realistic, knowledgeable, and eminently practical exploration of complex facets of labor problems and industrial relations. She attracted and interested many students to her field of specialization at the undergraduate level. Even more clear testimony to Professor Herbst's constructive professionalism was the caliber of graduate students who took graduate degrees under her guidance and embarked on eminent professional careers. A number of the outstanding specialists in labor and industrial relations in the nation today were students of Professor Herbst and profited from her stimulating mind and critical and constructive evaluation of their work.

In addition to her academic work, Dr. Herbst maintained wide contacts in the non-academic world of industrial relations. At various times in her career, she was industrial secretary of the National Board of the YWCA, taught in the Bryn Mawr Summer School for Workers, and served as a public member of the Regional War Labor Board. She was instrumental in developing labor education activities on The Ohio State University campus and retained an interest in this activity throughout her career.

Dr. Herbst was awarded one of the five Distinguished Teaching Awards by The Ohio State University Association in 1962. The recipients of these awards were asked to comment on their most rewarding teaching experiences. A part of her response reveals the depth of her commitment to the teaching profession. She said

My most rewarding teaching experience has been the unique privilege of association and comradeship with students in the quest for truth. . . . The most rewarding teaching experience is never concluded . . . there comes a realization of the sacred worth of personality and the uniqueness of irreplaceable talent. All are fellow members of the human race. As the core of life emerges so also are relationships in the home, on the job, and in the larger community established. To the teacher it is rewarding to recognize the dedication of former students to responsible areas of the government, in international affairs, in academic life, in labor-management relationships, in business, in politics, in the home, and in service activities. The bond of a continuing free way of life is sealed in mutual gratitude and love long after the formal 'Commencement' date.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Alma Herbst (continued)

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

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XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held December 15, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on December 15, 1967, approved the following new degree programs for The Ohio State University:

1. Bachelor of Science in Computer and Information Science
2. Master of Science in Computer and Information Science
3. Doctor of Philosophy in Computer and Information Science

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Secretary was instructed by unanimous vote to include the above report in the minutes of this meeting.

B. Distribution of January, 1968, Edition of the Publication Entitled Statutes Applying to the University, By-Laws of the Board of Trustees, and Rules for the University Faculty

Pursuant to the instructions of the Board of Trustees, the publication entitled Statutes Applying to the University, By-Laws of the Board of Trustees, and Rules for the University Faculty has been reprinted incorporating those amendments adopted by the Board of Trustees through the December 14, 1967 meeting. The statutes of the Ohio Revised Code pertaining to The Ohio State University and printed in the publication have been revised to include those actions adopted by the 107th General Assembly.

A copy of the January, 1968, edition of the above-referred-to publication will be sent to all principal administrative officers and faculty of the University.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the Board of Trustees approved the acceptance of the above-referred-to publication by unanimous voice vote.

February 8, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

C. Recognition of the Fiftieth Anniversary of the
Founding of Mortar Board

On February 17, 1968, the active and alumnae members of Mortar Board Chapters throughout the State of Ohio will meet here at The Ohio State University to celebrate the Fiftieth Anniversary of the founding of Mortar Board as the national honor society for senior women. President Fawcett expressed his pleasure in presenting to the Board of Trustees the following resolution and recommending that it be adopted:

The Ohio State University

A Resolution in Recognition of the Fiftieth Anniversary of MORTAR BOARD

WHEREAS: Mortar Board is an association of collegiate women selected for distinguished ability and achievement in scholarship, leadership, and service, bound together to promote college loyalty, to advance the spirit of service and fellowship among university women, to promote and maintain a high standard of scholarship, to recognize and encourage leadership, and to stimulate and develop a finer type of college woman, and

WHEREAS: 1968 marks the Fiftieth Anniversary of the founding of Mortar Board as a national honor society, and

WHEREAS: The National Archives of Mortar Board are to be located, as of 1968, at The Ohio State University, and

WHEREAS: The Ohio State University Chapter of Mortar Board was one of the four founding chapters of Mortar Board as a union of senior women's honor societies, and has remained an active chapter, both nationally, and locally, for the ensuing 50 years.

February 8, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

C. Recognition of the Fiftieth Anniversary
of the Founding of Mortar Board (continued)

BE IT THEREFORE RESOLVED: that The Ohio State University continue to recognize and support Mortar Board as a senior women's honor society in the campus community, and

BE IT FURTHER RESOLVED: that the University acknowledge the Fiftieth Anniversary celebration of the founding of the national Mortar Board organization, recognizing The Ohio State University's significant influence as a founding chapter.

Adopted by the Board of Trustees on the eighth day of
February in the year of our Lord, 1968



[Signature]
Chairman of the Board of Trustees

[Signature]
Norris G. Sawett
President of the University

[Signature]
John T. Mount
Secretary of the Board of Trustees

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous voice vote, and the Secretary was instructed to have the resolution reproduced for presentation to the President of The Ohio State University Chapter of Mortar Board.

D. Report on the University's Investment Portfolio

The reports dated January 23, 1968 and February 7, 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, were received and ordered to be filed with the official records of the Board of Trustees.

E. Annual Report for the Engineering Experiment Station

The Annual Report for the Engineering Experiment Station for the fiscal year ended June 30, 1967, was presented to each member of the Board of Trustees. A copy of said report will be filed with the official records of the Board of Trustees.

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February 8, 1968 meeting, Board of Trustees

XII. PRESENTATION OF PART 1, VOLUME VIII, UNIVERSITY HISTORY
WRITTEN BY PROFESSOR EMERITUS JAMES E. POLLARD

President Fawcett in presenting the new volume of the University history series spoke as follows:

In 1964 Professor Emeritus James E. Pollard, who was at that time serving as University Historian, was assigned the responsibility for completing a history of the University's role in World War II. Professor Pollard has now completed the work, and it has been registered in the Library of Congress. Officially it is Part 1, Volume VIII, in the University's history series and is entitled The University in a World at War, covering the first five years of the administration of former President Howard L. Bevis. Part 2 of Volume VIII is now in preparation and will cover the last eleven years of the Bevis administration.

This volume portrays the campus as it was at the time of Pearl Harbor, December 7, 1941, and describes the great acceleration and change that followed in its wake, including the extensive special training programs undertaken by this University for the armed forces. The publication goes into some detail about wartime research on the campus and it touches on the early planning for the postwar years and the efforts made in anticipation of the unprecedented growth in enrollment known as the "veterans' bulge."

In particular, however, the work underscores the contribution made by the estimated 17,000 alumni and former students who took part in World War II, as well as the 350 members of the University faculty and staff who were granted leaves either for active military service or for other war-connected assignments. Special attention is given to the 699 alumni and former students whose lives were sacrificed in the defense of our country, including four at Pearl Harbor. Those honored citizens comprise the University's honor roll, and it is to them that the book is dedicated.

Before presenting the book to each member of the Board of Trustees, President Fawcett introduced the author, Professor Emeritus James E. Pollard, and cited facts from his illustrious career as follows:

Most of you know Jim Pollard for his long and dedicated service to this University and I consider him a very dear personal friend. Jim Pollard, who holds three degrees from The Ohio State University, joined the staff of the University in 1923. He has gained wide recognition for his research and writings, notably in history and newspaper law. He received the title of Professor Emeritus upon his retirement in July, 1965, and was awarded The Ohio State University Distinguished Service Award in August of that year. He is continuing his service to the University as a consultant to Vice President Mount.

February 8, 1968 meeting, Board of Trustees

XII. PRESENTATION OF PART 1, VOLUME VIII, UNIVERSITY HISTORY
WRITTEN BY PROFESSOR EMERITUS JAMES E. POLLARD (continued)

It should be noted that Professor Pollard has served as President of the American Association of Schools and Departments of Journalism and as the national President of Kappa Tau Alpha, the journalism scholarship fraternity. For his book The Presidents and the Press, published in 1947, he received the Distinguished Service Award for Research in Journalism from Sigma Delta Chi, the national professional journalistic fraternity.

The volume I am presenting to you today is the fourth book written about The Ohio State University which has been authored by Professor Pollard, the others being the 75-year history, 1873-1948; a biography of former President William Oxley Thompson; and a history of University athletics from 1879 to 1959.

Mr. Bricker in accepting the book expressed on behalf of the Board of Trustees deep appreciation and high commendation to Professor Pollard for his efforts in authoring the new volume in the University history series.

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Thereupon the Board adjourned to meet Thursday, March 14, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 14, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, March 14, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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March 14, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal for the Establishment of a New Graduate Degree Program and a Certificate Program in Teaching English to Speakers of Other Languages

The Faculty Council on February 13, 1968, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that new programs in the area of teaching English to speakers of other languages be authorized as follows:

1. A graduate program leading to the degree, Master of Arts; and
2. A graduate certificate program.

Since World War II, the number of international students in the United States has increased tremendously. Universities have had to develop special English programs and also find personnel competent to provide the special kind of English instruction which international students require. To serve their own interests over the years and to facilitate communication within the field, these special teachers of English have created their own professional associations and journals. Recently, interdisciplinary graduate programs to which the fields of English, linguistics, and speech have contributed were developed in several major universities in an attempt to meet the demand for personnel competent to teach English to speakers of other languages (TESOL).

Such a program at The Ohio State University will be open to students who are, or who have been, enrolled in other graduate degree programs in English, linguistics, modern languages, or speech. Students who successfully complete a graduate degree in one of these programs may also receive a Certificate in TESOL upon completion of the additional requirements of the program in TESOL. Students will not be awarded a Certificate in TESOL if they fail to complete the degree for which they have regularly enrolled.

President Fawcett recommended that the above proposal to establish a new graduate degree program leading to the Master of Arts degree and a certificate program leading to a Certificate Program in Teaching English to Speakers of Other Languages be approved by the Board of Trustees, and that this action become effective Summer Quarter, 1968.

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

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a Certificate Program for Translators of Russian in the Social Sciences

A program designed to prepare persons to be effective translators of Russian in the Social Sciences has been approved by the appropriate department and college faculties, as well as the Graduate School and the Council on Academic Affairs. Such a program is a part of a larger venture which encompasses both the preparation of translators and the actual translation of significant Russian works in the Social Science fields to be published by The Ohio State University Press as a series over the next few years. There is a significant need for personnel with this preparation in both industry and government. The original source of such translators--native Russians--is no longer open.

Students entering the Certificate Program must register and meet the requirements of the Graduate School. All course work taken will be for graduate credit. Candidates will be exposed to language training, courses in applied linguistics, English composition, and translation techniques. Upon completion of the program, these students will be awarded the certificate by the Graduate School upon the recommendation of the Department of Slavic Languages and Literatures.

President Fawcett recommended that the above proposal be approved by the Board of Trustees.

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

C. Honorary Degrees

The Faculty Council on February 13, 1968, recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals:

Sir Charles Wilson, Principal and Vice Chancellor of University of Glasgow - Doctor of Laws

Henry Chauncey, President of Educational Testing Service - Doctor of Laws

Lyman Sedgwick Ford, Executive Director of United Community Funds and Councils of America - Doctor of Humane Letters

President Fawcett recommended that the Board of Trustees approve the awarding of honorary degrees to the above-identified persons.

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

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. University College--Designated as Separate Administrative Unit

When the academic reorganization for the University was approved by the Board of Trustees at the October 11, 1967 meeting, the University College was one of the six separate administrative units within the Colleges of the Arts and Sciences. Since the mission of the University College has been determined to be that of serving as a foundation for all of the undergraduate colleges of the University, the Faculty Council on February 13, 1968, endorsed the recommendation of the Council on Academic Affairs that the University College become a separate administrative unit outside the Colleges of the Arts and Sciences, effective immediately.

President Fawcett recommended that the action taken by the Board of Trustees on October 11, 1967 regarding the academic reorganization of the University be amended to delete the University College as one of the administrative units within the Colleges of the Arts and Sciences.

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

E. Student Services Fee Increase

To meet the increasing costs of student services and to provide for increased professional services in such areas as student health, student financial aids, student orientation and testing, intramural, recreational and cultural programs for students, the Ohio Union, and activities of more than 400 University recognized student organizations, President Fawcett recommended that the Student Services Fee be increased by \$5.00 per quarter, effective Summer Quarter, 1968.

Although student service activities and expenses have increased on a year-to-year basis, there has been no increase in the Student Services Fee for the past eight years. In recent years, these additional costs have been absorbed through a Student Services Fee reserve, which reserve will be encumbered by July 1, 1968. This recommendation was considered when the University comprehensive budget was proposed in June, 1967; however, on the request of the Ohio Board of Regents that any student fee increases to become effective after the fiscal year 1967-68 should be submitted in the spring of 1968, the proposal to increase the Student Services Fee as outlined above was deferred until this time.

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

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Amendments to Constitution of The Ohio State University Development Fund

The Board of Directors of The Ohio State University Development Fund at its regular meeting on Saturday, March 2, 1968, approved the attached resolutions, identified as Appendix IV, page 513, amending the Constitution of The Ohio State University Development Fund to double the size of the Board of Directors from ten to twenty members with five of the additional members to be elected by the Board of Directors of The Ohio State University Association and five to be appointed by the President of the University.

Pursuant to Article V, Section 1, of the Constitution of The Ohio State University Development Fund, President Fawcett recommended therefore that the above-referred-to amendments to the Constitution of The Ohio State University Development Fund be approved and included with the minutes of this meeting.

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

G. 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, 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 V, page 517.)

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

H. Schedule for Football, Basketball, and Ice Hockey Ticket Prices Effective 1968-69 Season

The Athletic Council has recommended, and the President's Cabinet has reviewed the recommendation, that the following schedule of football, basketball, and ice hockey ticket prices be approved, effective with the seasons beginning 1968.

Football Ticket Prices

Student Season Tickets	\$14.00
Faculty-Staff Season Tickets	16.00
Alumni and Public	
Box Seats (Individual Games)	7.00
Reserved Seats (Individual Games)	6.00
Bleacher Seats (Individual Games)	3.00

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Schedule for Football, Basketball, and Ice Hockey
Ticket Prices Effective 1968-69 Season (continued)

Basketball Ticket Prices

Student Season Tickets	\$ 8.00
Individual Games	1.00
Faculty-Staff Season Tickets	10.00
Individual Games	1.00
Alumni and Public	
Mezzanine (Individual Games)	2.50
Balcony (Individual Games)	1.50

Ice Hockey Ticket Prices

Student and Faculty-Staff Tickets (Individual Meets)	\$.75
(For holders of season football or basketball season cards)	
Alumni and Public (Individual Meets)	2.00

The foregoing schedule of football prices represents an increase of \$1.00 per game in box and reserved seats and no increase in bleacher, student, and faculty-staff ticket prices. Students and faculty-staff members who purchase football season admission cards or basketball season tickets will be admitted free to all regularly scheduled intercollegiate athletic contests except football, basketball, and ice hockey.

The football ticket prices for box and reserved seats have not been increased for five years. The above-recommended prices will bring The Ohio State University up to the level charged by seven other Western Conference (Big Ten) universities, and the two remaining Conference universities charge \$5.50 for reserved football seats. Further, the above-recommended schedule of prices is considered necessary to meet the increased costs of operation, to continue the support of all seventeen varsity intercollegiate athletic programs, and to continue the University policy of operating the intercollegiate athletic program without assistance from the State.

President Fawcett recommended, therefore, that the above schedule of ticket prices be approved.

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

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Resolution Supporting Programs Dealing With Socio-Economic Problems

President Fawcett recommended that the following resolution be adopted by the Board of Trustees:

WHEREAS: The Ohio State University has through its administrative officers repeatedly expressed its support of both the legal and moral requirements for non-discrimination because of race, color, and creed in all aspects of University and community life; and

WHEREAS: the University has taken a series of actions to insure that internal employment practices reflect this commitment; and

WHEREAS: the University has initiated action to introduce into its curricula subject matter which will reflect the contributions to American society and the heritage of minority groups; and

WHEREAS: the Student Assembly of The Ohio State University in cooperation with student groups, faculty members, and administrative officers has initiated a program which will attempt to insure that off-campus housing available to University students is available in accordance with Ohio law relating to civil rights and equal opportunity; and

WHEREAS: The Ohio State University has within its faculty and staff knowledgeable scholars with competency to seek solutions to a wide range of socio-economic problems; and

WHEREAS: a university, because of its inherent capability and of its well-defined service mission, should exercise a leadership role in designing and implementing such solutions; and

WHEREAS: University officers have already begun action programs within the University and within the community to deal with various socio-economic problems; now, therefore,

BE IT RESOLVED: That the Board of Trustees of The Ohio State University endorses the programs already initiated by the University to deal with such problems, and

That the Board directs the appropriate officials of the University under the direction of the President of the University to take such steps and to initiate such programs as will attempt to insure that University and University-related activities are conducted in conformance with Ohio law relating to civil rights and equal opportunity and as will insure that the University play its proper role in exercising leadership in dealing with important current socio-economic problems.

Dr. Thomas moved and Mr. France seconded the motion that the above resolution be adopted. During the discussion of the above resolution, Mr. Shocknessy stated

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Resolution Supporting Programs Dealing
With Socio-Economic Problems (continued)

that he "heartily endorsed the pious expressions, aspirations, and direction set forth in the resolution," and he followed with the question regarding the intent of the manner in which those groups referred to in paragraph 4 of the resolution might effectively insure that off-campus housing available to University students is, in fact, available in accordance with Ohio law.

President Fawcett, Vice President Corbally, and Executive Dean Bonner reviewed the procedures which are now being followed by the University in assisting students individually and collectively in their efforts to secure off-campus housing in residences where the non-discrimination policy is in effect.

It was the consensus that the "administrative officers of the University would use their best efforts in an attempt to insure that the expressions of the resolution were executed," recognizing that since the University does not supervise off-campus housing, it cannot in fact fully insure that the Ohio law will be followed by all owners who rent housing to students. The resolution was revised to include the above consensus with the consent of Dr. Thomas and Mr. France who moved and seconded the motion to adopt the resolution.

Upon a roll call vote, the above resolution as revised was adopted by unanimous vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 8, 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, Changes in Administrative Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Appointments

Geoffrey Keller, Dean of the College of Mathematics and Physical Sciences, effective August 1, 1968, at a salary of \$29,208.00 per annum. Dr. Keller will hold an appointment as Professor in the Department of Astronomy at No Salary.

Imogene King, Professor in and Director of the School of Nursing, effective August 1, 1968, at a salary of \$20,168.00 per annum.

Robert Gerle, Professor, School of Music, effective October 1, 1968, at a salary of \$22,368.00 per annum.

March 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Changes in Administrative Responsibility

Robert A. Oetjen from Acting Dean of the College of Arts and Sciences to Assistant Vice President for Learning Resources, effective April 1, 1968, at no change in present salary (\$26,772.00 per annum). Dr. Oetjen will continue to hold the academic rank of Professor in the Department of Physics.

Charles L. Spohn from Professor in the School of Music to Associate Dean of the College of the Arts, effective April 1, 1968, at a salary of \$15,768.00 per annum. Dr. Spohn will continue to hold the rank of Professor in the School of Music at No Salary.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Richard S. Sechrist, Instructor (Supervisor, Dairy Testing), effective April 1, 1968 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Margaret A. Hukill, Assistant Professor, Department of Physical Education - Women's Division, effective April 1, 1968 through June 30, 1968, for personal reasons.

Ramesh C. Srivastava, Assistant Professor, Department of Mathematics, effective April 1, 1968 through June 30, 1968, to engage in research at Stanford University.

E. Emeritus Title

Dorothy D. Scott, School of Home Economics, with the title Professor Emeritus, effective May 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Appointments, Changes in Administrative Responsibility, 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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March 14, 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 September 5, 1950, 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, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-K - Ext. #11 - College of Biological Sciences).
Gross Value - \$22,526.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as National Institutes of Mental Health Project No. 887-I - Ext. #9 - Department of Psychology).
Gross Value - \$24,772.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #16 - Department of Speech).
Gross Value - \$19,769.00.
- a4. National Aeronautics and Space Administration, Office of Grants and Research Contracts, Washington, D. C., Investigations of Molecular Gas Lasers (to be known as Office of Grants and Research Contracts Project No. 1093 - Sup. #7 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as National Institutes of Health Project No. 1172-G - Ext. #7 - College of Biological Sciences).
Gross Value - \$11,233.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Center for Air Pollution Control Project No. 1220-G - Ext. #7 - Department of Chemistry).
Gross Value - \$108,689.00.

March 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)

- a7. 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-A - Mod. #7 - Department of Chemistry).
Gross Value - \$20,000.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Genetic Analysis of Resistance to American Foulbrood (to be known as National Institutes of Health Project No. 1572-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$19,200.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #4 - College of Biological Sciences).
Gross Value - \$19,364.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Child Health and Human Development, Bethesda, Maryland, Genetic Basis of Behavior Differences (to be known as National Institutes of Health Project No. 1633-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$26,569.00.
- a11. National Center for Urban and Industrial Health, Public Health Service, Cincinnati, Ohio, A Study of the Biological Storage System (to be known as National Center for Urban and Industrial Health Project No. 1763-D - Ext. #4 - Department of Mathematics).
Gross Value - \$8,362.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Child Health and Human Development, Bethesda, Maryland, Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770-D - Ext. #4 - Department of Pathology).
Gross Value - \$20,282.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 1775-D - Ext. #4 - College of Dentistry).
Gross Value - \$43,651.00.

March 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. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Aeronautical Systems Division Project No. 1862 - Sup. #10 - Research Foundation Internal Supervision).
Gross Value - \$4,000.00.
- a15. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of Radiation on the Biology and Population Dynamics of the Cereal Leaf Beetle, Oulema melanopa (L) (to be known as U. S. Atomic Energy Commission Project No. 1928-A - Mod. #4 - College of Biological Sciences).
Gross Value - \$15,000.00.
- a16. 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-B - Amend. C - Department of Sociology).
Gross Value - \$42,503.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Behavioral Sciences Research Branch, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$3,534.00.
- a18. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Culture of Human Bone Marrow (to be known as National Institutes of Health Project No. 2047-B - Ext. #2 - Department of Medicine).
Gross Value - \$14,014.00.
- a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hypothesis Behavior in Concept Identification (to be known as National Institutes of Health Project No. 2166-B - Ext. #2 - Department of Psychology).
Gross Value - \$14,928.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies on in Vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-A - Ext. #1 - Department of Medical Microbiology).
Gross Value - \$25,621.00.

March 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)

- a21. 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-A - Ext. #1 - Department of Surgery).
Gross Value - \$23,514.00.
- a22. 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-A - Ext. #1 - Department of Medicine).
Gross Value - \$26,723.00.
- a23. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Coherence of Carbon Dioxide Laser Transmission in the Atmosphere (to be known as Aeronautical Systems Division Project No. 2384 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Neurological Diseases and Blindness, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385-A - Ext. #1 - Department of Pathology).
Gross Value - \$30,293.00.
- a25. 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-A - Ext. #1 - College of Pharmacy).
Gross Value - \$34,134.00.
- a26. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Mass Spectral Studies of Chlorin Biogenesis (to be known as National Institutes of Health Project No. 2402-A - Ext. #1 - Department of Chemistry).
Gross Value - \$16,563.00.
- a27. Department of 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. #1 - Department of Botany).
Gross Value - \$18,921.00.

March 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)

- a28. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Special Investigations on Materials and Associated Problems for the Air Force Materials Laboratory (to be known as Aeronautical Systems Division Project No. 2414 - Amend. #4 - Research Foundation Internal Supervision). Gross Value - \$7,660.00.
- a29. 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 Air Force Systems Command Project No. 2415 - Sup. #1 - Department of Electrical Engineering). Gross Value - \$50,000.00.
- a30. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Investigations of Simulation Techniques in Rarefied Hypersonic Flows (to be known as Aeronautical Systems Division Project No. 2578 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$79,643.00.
- a31. National Science Foundation, Washington, D. C. , Lateral-Torsional Buckling of Transversely Loaded Arches (to be known as National Science Foundation Project No. 2582 - New - Department of Civil Engineering). Gross Value - \$23,700.00.
- a32. National Science Foundation, Washington, D. C. , The Environmental History of the Galapagos Islands (to be known as National Science Foundation Project No. 2583 - New - College of Biological Sciences). Gross Value - \$47,900.00.
- a33. Aeronautical Systems Division, Department of the Air Force, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (to be known as Aeronautical Systems Division Project No. 2584 - New - Department of Electrical Engineering). Gross Value - \$40,000.00.
- a34. National Science Foundation, Washington, D. C. , Inferotemporal Cortex and Visual Behavior (to be known as National Science Foundation Project No. 2588 - New - Department of Psychology). Gross Value - \$52,300.00.
- a35. 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 - New - Department of Chemistry). Gross Value - \$35,980.00.

March 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)

- a36. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. , Acid Mine Drainage - An Analysis of the State of the Art (to be known as Federal Water Pollution Control Administration Project No. 2590 - New - Engineering Experiment Station).
Gross Value - \$28,811.00.
- a37. Aeronautical Systems Division, Aerospace Research Laboratories, Wright-Patterson Air Force Base, Ohio, Study of the Physics of Re-entry at Flight Enthalpies in the Range of Velocities from 10,000 to 60,000 Feet Per Second (to be known as Aeronautical Systems Division Project No. 2591 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$70,000.00.
- a38. National Science Foundation, Washington, D. C. , Chemistry of Metal Carbonyls (to be known as National Science Foundation Project No. 2593 - New - Department of Chemistry).
Gross Value - \$38,700.00.
- a39. National Science Foundation, Washington, D. C. , Development of a Graduate Laboratory Course on Vibrations of Solids and Structures (to be known as National Science Foundation Project No. 2595 - New - Department of Engineering Mechanics).
Gross Value - \$36,260.00.

TOTAL - Government Contracts - Federal \$1,198,119.00

2. Industrial and Other Contracts

- a1. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #3 - Department of Chemical Engineering).
Gross Value - \$20,000.00.
- a2. National Municipal League, New York, New York, The Effects of Reapportionment in Ohio (to be known as National Municipal League Project No. 2480 - Ext. #1 - Department of Political Science).
Gross Value - \$10,000.00.
- a3. The Epilepsy Foundation, Washington, D. C. , Seizure Patterns in Tuberous Sclerosis (to be known as The Epilepsy Foundation Project No. 2585 - New - Department of Medicine).
Gross Value - \$2,300.00.

TOTAL - Industrial and Other Contracts \$32,300.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

The foregoing forty-two contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,230,419.00.

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, 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 January 20, 1968 through February 27, 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 220X The Development of Sonic and Ultrasonic Power Devices
Ext. #8 for Applications in Highway Engineering, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$155,000.00.

EES 279X Investigation of Soil Structure Interaction in Culvert
Ext. #5 Pipes, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$40,020.00.

SC 57 An Indoctrination Course for Engineering Students to
Ext. #4 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 \$198,020.00

2. Industrial Research Contracts

EES 309X Application of Sonic Power in the Packaging Industry,
The Continental Can Company, Chicago, Illinois.
Gross Value - \$25,000.00.

EES 310X Weldability of Timken High Strength Steels, The Timken
Roller Bearing Company, Canton, Ohio.
Gross Value - \$2,878.00.

March 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 250X	Thin Film Hall Effect Devices, F. W. Bell,
Ext. #9	Incorporated, Columbus, Ohio.
	Gross Value - \$3,000.00.

TOTAL - Industrial Research Contracts \$30,878.00

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$228,898.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 8, 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. \$454,276.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1968 National Science Foundation Graduate Traineeship Program. This grant is to provide support for eighty-one graduate traineeships beginning in the fall of 1968 and extending for a period of nine or twelve months and for seventeen summer traineeships for graduate teaching assistants during the summer of 1968. This grant is under the direction of the Graduate School, and it will terminate on September 30, 1969. (GZ-928)
2. \$373,612.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05409-07)
3. \$86,900.00 granted by National Aeronautics and Space Administration, Washington, D. C., to the University for "Specialized Post-M. D. Training in Aerospace Medicine," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1970. (Grant No. NsG(T)-133)
4. \$86,802.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for construction of the undergraduate portions of a Humanities-Language Building. This grant was made under the Higher Education Facilities Act of 1963. (Project No. Ohio 4-5-00245-0)

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$85,062.00 granted by Department of Health, Education, and Welfare, Regional Office, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for a supplemental grant for the Biological Sciences Building. (Project No. 4-5-00240-1)
6. \$68,908.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05463-06)
7. \$57,965.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for an Institutional Assistance Grant under the Higher Education Act of 1965 (P. L. 89-329) for support of an "Elementary Experienced Teacher Fellowship Program - Reading," under the direction of the College of Education. (OEG-0-8-082183-2761 070)
8. \$44,016.00 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)
9. \$36,251.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 CA05192-03)
10. \$27,004.00 made available pursuant to Title I, Higher Education Act of 1965, through the Ohio Board of Regents for the following projects:
 - \$7,140.00 for "Educational Services for the Disadvantaged - A Money Management Seminar"
(Program No. 68-944-005)
 - \$6,486.00 for "Municipal Management Seminar"
(Program No. 68-944-006)
 - \$8,164.00 for "Community Development Seminars for Community Influentials in Small Urban Centers of Ohio"
(Program No. 68-944-007)
 - \$5,214.00 for "Public Safety Management Seminar"
(Program No. 68-944-008)

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

11. \$27,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Clinical Training - Heart," under the direction of the Department of Medicine, for the period March 1, 1968 through February 28, 1969. (Grant No. 5 T02 HE05035-15)
12. \$22,289.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Grant Support," (Health Center Library), under the direction of the Director of University Libraries, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 G01 LM 00190-02)
13. \$6,164.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for an Institutional Assistance Grant under the Higher Education Act of 1965 (P. L. 89-329) for support of a "Secondary Experienced Teacher Fellowship Program - Art," under the direction of the School of Art. (OEG-0-8-082154-2762 070)
14. \$6,136.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Grant Support," (College of Veterinary Medicine Library), under the direction of the Director of University Libraries, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 G01 LM 00187-02)
15. \$3,710.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University as a supplemental award for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Health Professions, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010 A)

TOTAL - Through the Office of Business and Finance \$1,384,095.00

B. Received Through The Ohio State University Development Fund

1. \$90,000.00 by a bequest under the Will of Mrs. Idalia Bradfield for the establishment of the Bradfield-Watrous Memorial Fund.

The Bradfield-Watrous Memorial Fund

The Bradfield-Watrous Memorial Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University with a bequest from Idalia Bradfield, Columbus, Ohio, through The Ohio State University Development Fund.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

1. The Bradfield-Watrous Memorial Fund (continued)

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

Income is to be used annually for scholarship awards to worthy medical students enrolled in The Ohio State University. Selection of students is to be made by the Dean of the College of Medicine. The students so selected must make an affidavit of loyalty to the United States of America.

2. \$15,000.00 from Buckeye Steel Castings Company, Division of Buckeye Industries, Inc., (J. William Henderson, President), for the John W. Bricker Professorship in the College of Law.
3. \$14,602.50 from the C. R. Porthouse Charitable Trust for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
4. \$12,500.00 from Payne Fund, Inc., for the Payne Fund Communications Research.
5. \$10,068.75 from Everett D. Reese for the Dr. Robert M. Zollinger Research Fund in the College of Medicine.
6. \$10,000.00 from American Dairy Association, Chicago, Illinois, for the American Dairy Association Research Fund.
7. \$9,686.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.
8. \$8,000.00 from G. D. Searle and Company for the G. D. Searle and Company Fund for Research in Medicine.
9. \$6,000.00 from Corn Refiners Association, Inc., Washington, D. C., for the Corn Industries Research Foundation Fund.
10. \$5,945.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
11. \$5,000.00 from The Proprietary Association, Washington, D. C., for the Self-Medication Study Fund in the College of Pharmacy.
12. \$5,000.00 from General Electric Company, Ossining, New York, for a Research and Study Grant in Aeronautical and Astronautical Engineering.
13. \$4,550.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$3,400.00 from The Procter & Gamble Company for the Ohio Florists Association Fellowship Fund.
15. \$3,037.00 for the establishment of the Bertha Alice Watts Mount Memorial Fund.

Bertha Alice Watts Mount Memorial Fund

The Bertha Alice Watts Mount Memorial Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University, with gifts through the Development Fund from the family and friends of Bertha Alice Watts Mount, the late wife of Vice President John T. Mount.

All gifts are to be placed in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income is to be used to assist students working toward any professional degree offered by the University through the College of Medicine, its schools and divisions. The purpose of said assistance is to recognize outstanding academic achievement and unselfish dedication to the ideals of the medical profession with financial support of professionally broadening and enriching experiences beyond those normally provided through the regular academic curriculum.

Selection of the students to be so assisted is to be made by a committee appointed by the President of the University. The said committee shall include among its members the Dean of the College of Medicine or his designee.

In the event the need for such financial support ceases to exist or so diminishes as to create unused income, then the Board of Trustees of The Ohio State University may use said income in its discretion.

16. \$3,000.00 from Ohio Florists Association for the Ohio Florists Association Fellowship Fund.
17. \$2,040.65 from Ullery, Vorys, Teteris, Neri & Associates for the Medical Research Consultants Fund.
18. \$2,000.00 from Dr. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
19. \$2,000.00 from Mrs. Howard Francis (Enid H.) Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
20. \$1,500.00 from Universal Oil Products Foundation, Des Plaines, Illinois--\$1,000.00 for the Universal Oil Products Company Scholarship Fund in Chemical Engineering and \$500.00 as an unrestricted gift to the College of Engineering.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$1,252.50 from Seward D. Schooler as an unrestricted gift to the University.
22. \$1,202.50 from African-American Institute for the African-American Institute Fellowship Fund.
23. \$1,056.60 from Dr. Lionel E. Dorfman for the Fund for Progress in Urology.
24. \$1,000.00 from John W. Bricker for the Novice G. Fawcett Professorship in Educational Administration.
25. \$1,000.00 from Chevron Oil Company, The California Company Division, New Orleans, Louisiana--\$500.00 for support of a student majoring in geology and \$500.00 as an unrestricted gift to the Department of Geology.
26. \$1,000.00 from William B. Hoyer for the Presidents Club Special Fund.
27. \$1,000.00 from George M. Levine (\$500.00 through the Columbus Jewish Welfare Association and \$500.00 through Harsco Corporation Matching Gift Fund) for the Michael S. Melton Hebrew Library Fund.
28. \$1,000.00 from Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education.

TOTAL - Received Through The Ohio State University Development Fund
\$221,841.50

C. Funds Received for Royalties Account

\$30,000.00 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.

D. Establishment of a New Fund from a Previously Reported Gift

1. The Charles G. Bond Law Library Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Charles G. Bond, LL. B. '99, New York, New York.

This gift is to be placed in the University's Investment Portfolio, under rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of a New Fund from a Previously Reported Gift (continued)

1. The Charles G. Bond Law Library Fund (continued)

The purpose of this fund is to provide support for The Ohio State University College of Law Library. Both principal and annual income may be used to support the Law Library in whatever manner deemed appropriate by the Dean of the College of Law.

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 Board of Trustees or successor governing body of the University shall direct use of the income for the above purpose 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.

(The amount deposited in this fund now totals \$11,771.13.)

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the acceptance of the foregoing grants, gifts, royalties, 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.

E. Report from The Ohio State University Development Fund

In January, 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	776	\$166,972.98
Individuals other than alumni	270	9,848.30
Nonprofit organizations	48	245,074.31
Business concerns	43	63,834.27
	<u>1,137</u>	<u>\$485,729.86</u>

Of these gifts, 568 totaling \$5,640.83 were undesignated and 569 totaling \$480,089.03 were designated.

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V. PLANS AND SPECIFICATIONS

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

A. Starling Loving Hall - Modernization of Electrical System

This project will provide new distribution and branch circuit panel boards and new conduit and wire to feed each panel in the "B" and "M" Wings.

March 14, 1968 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Starling Loving Hall - Modernization of Electrical System (continued)

Funds for this project will be provided by a transfer from Budget Account 960200 Hospital Rotary to Budget Account 801156 (Construction Account for Starling Loving Electric System).

B. McCracken Power Plant - Elevator Modernization

This project will provide a new car, entrances, and controls for a modern service elevator to eliminate the hazardous conditions and maintenance problems on the present unit serving the Service Shops.

Funds for this project will be provided by a transfer from Budget Account 121658 (Contract Repairs) to Budget Account 801155 (McCracken Power Plant Elevator).

Upon motion of Mr. France, 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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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 contracts were recommended for award. The action reported to the Board was as follows:

A. McCracken Power Plant - Installation of Emergency Generator

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 1-31-68)		
Frank Vlack Co., Inc. (Columbus)	\$ 6,292.00	\$ 7,000.00
<u>Mechanical Contract</u>		
(1 bid received 1-31-68)		
Kelly Sheet Metal (Columbus)	8,641.00	10,000.00
<u>Electrical Contract</u>		
(3 bids received 1-23-68)		
American Electric Works (Columbus)	<u>5,200.00</u>	<u>12,000.00</u>
<u>Total All Contracts</u>	<u>\$ 20,133.00</u>	<u>\$ 29,000.00</u>

Funds for this project are provided from transfers from Budget Account 801079 Power Tie In and Budget Account 801107 Emergency Lighting System to Budget Account 801119 Emergency Generator.

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant - Modernization of No. 3 Boiler

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 2-8-68) Guenther Plumbing and Heating (Ashland, Ohio)	\$ 53,148.00	\$ 63,600.00

Funds for this project are provided by a transfer from Budget Account 121658 Contract Repair to Budget Account 801149 Modernization of Boiler #3.

C. University College Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Utilities Contract</u> (5 bids received 2-8-68) The Fishel Co. (Columbus) Base Bid	\$ 663,809.35	\$ 707,131.00
<u>Electrical and Telephone Contract</u> (1 bid received 2-8-68) The Fishel Co. (Columbus) Base Bid	\$ 57,427.00	\$ 49,580.00
Alt. E-1 Underground Conduit - West Section	31,640.00	25,400.00
Alt. E-2 Underground Conduit - University College Campus	85,990.00	96,620.00
Alt. E-3 Underground Conduit - Under Railroad	13,100.00	16,970.00
Total	<u>\$ 188,157.00</u>	<u>\$ 188,570.00</u>
<u>Total All Contracts</u>	<u>\$ 851,966.35</u>	<u>\$ 895,701.00</u>

Funds for this project will be provided by a transfer from Account 235-008 Technical Institutes, Community Colleges, and University Branches to Account 315-057 University (General) College Utilities, H. B. 886.

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Center for Tomorrow

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 2-6-68)		
Knowlton Construction Co.		
(Bellefontaine, Ohio)		
Base Bid	\$2,744,000.00	\$2,685,995.00
Alt. G-2 Add Unfinished Floor	51,400.00	95,000.00
Alt. G-3 Mail Chute	3,900.00	4,500.00
Extend Mail Chute for Unfinished Floor	300.00	500.00
Alt. G-5 (1) Fixed Seating	43,000.00	35,000.00
Alt. G-7 Finish Conference Rm. N113	3,900.00	16,300.00
Alt. G-8 Finish Conference Rm. E103	3,800.00	7,200.00
Alt. G-9 Paint Guest Room Walls	4,800.00	29,100.00
Alt. C-3 Ext. Elevators 1 and 2	3,000.00	10,000.00
Total	<u>\$2,858,100.00</u>	<u>\$2,883,595.00</u>

Plumbing Contract

(4 bids received 2-23-68)

Montoney's Heating & Piping Co.

(Grove City, Ohio)

Base Bid	\$ 439,700.00	\$ 460,000.00
Alt. P-1 Additional Floor	7,400.00	8,242.00
Alt. P-3 Bath Tub Surface	500.00	800.00
Total	<u>\$ 447,600.00</u>	<u>\$ 469,042.00</u>

Heating, Ventilating, and Air

Conditioning Contract

(2 bids received 2-23-68)

The Huffman-Wolfe Co. (Columbus)

Base Bid	\$ 853,600.00	\$ 865,000.00
Alt. M-1 Additional Floor	3,380.00	4,500.00
Alt. M-8 Finish Conference Rm. N113	900.00	1,400.00
Alt. M-9 Finish Conference Rm. 103	500.00	1,200.00
Total	<u>\$ 858,380.00</u>	<u>\$ 872,100.00</u>

Electrical Contract

(2 bids received 2-23-68)

Electric Power Equipment Co.

(Columbus)

Base Bid	\$ 746,610.00	\$ 785,700.00
Alt. E-1 Additional Floor	4,232.00	4,500.00
Alt. E-5 Emergency Lights	7,422.00	10,500.00
Alt. E-6 Light Dimmer (Conference Dining Rooms)	6,735.00	7,000.00
Alt. E-9 Finish Conference Rm. N113	17,538.50	25,000.00
Alt. E-10 Finish Conference Rm. E103	7,023.00	15,000.00
Total	<u>\$ 789,560.50</u>	<u>\$ 847,700.00</u>

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Center for Tomorrow (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Kitchen Equipment Contract</u> (3 bids received 2-23-68) Louis R. Polster Co. (Columbus)		
Base Bid	\$ 158,620.00	\$ 165,000.00
<u>Stage Equipment Contract</u> (Studio A and Auditorium Stage Only) (1 bid received 2-6-68) Tiffin Scenic Studios, Inc. (Tiffin, Ohio)		
Base Bid	\$ 6,500.00	\$ 6,525.00
<u>Total All Contracts</u>	<u>\$5,118,760.50</u>	<u>\$5,243,962.00</u>

Funds for this project are provided from Budget Account 801035 (Construction Account for Center for Tomorrow).

E. Student Health Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 3-1-68) Knowlton Construction Co. (Bellefontaine, Ohio)		
Base Bid	\$1,061,300.00	\$1,073,150.00
Alt. G-1 Pneumatic Tube System	41,000.00	41,000.00
Total	<u>\$1,102,300.00</u>	<u>\$1,114,150.00</u>
<u>Plumbing Contract</u> (4 bids received 2-21-68) The Gesling Company (Lancaster, Ohio)		
Base Bid	\$ 148,750.00	\$ 165,800.00
<u>Heating and Air Conditioning Contract</u> (6 bids received 2-21-68) The Gesling Company (Lancaster, Ohio)		
Base Bid	\$ 364,250.00	\$ 380,000.00

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

E. Student Health Facility (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (5 bids received 2-21-68)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 175,849.00	\$ 210,000.00
Alt. E-1 Pneumatic Tube System	4,768.00	3,000.00
Alt. E-5 Intercom and Call System	<u>15,958.00</u>	<u>16,500.00</u>
Total	<u>\$ 196,575.00</u>	<u>\$ 229,500.00</u>
<u>Total All Contracts</u>	<u>\$1,811,875.00</u>	<u>\$1,889,450.00</u>

Funds for this project were provided by a transfer from the Student Facilities Fee Account to Budget Account 801066 (Construction Account - Student Health Facility).

Upon motion of Mr. Ketterer, 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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VII. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

A. Controlling Board Approvals

- 28 Approves the transfer and release of \$34,700.00 from Item 016 Medical Complex to Item 062 School of Allied Medical Services to provide funds for the preparation of preliminary plans for a facility to house the School of Allied Medical Services.
- 31 Approves the acquisition of property commonly known as 2460 Kenny Road.

B. Emergency Board Approvals

- 12 Approves a grant in the amount of \$23,665.00 by the Emergency Board to restore damage to the Physics Building caused by fire and to purchase without competitive bidding for the repairs.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Transportation Research Center - Easement for Power Line Right-of-Way and Right-of-Way Tree Permit

The Dayton Power and Light Company has requested permission to construct a 138 KV transmission line across property comprising the site of the Transportation Research Center west of U. S. Route 33. The Dayton Power and Light Company has obtained easements to construct the transmission line and, at the University's request are willing to change the proposed right-of-way to better conform to the University's proposed facilities.

President Fawcett recommended, therefore, that the granting of a reasonable right-of-way easement and a right-of-way tree permit to the Dayton Power and Light Company be approved. It was further recommended that the President and/or the Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the transmission line and to develop the necessary legal instruments to cancel the existing easements.

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

B. Medical Center - Easement to Provide for Relocation of 30" Sanitary Sewer West of Dodd Hall

Easements for the construction or relocation of existing utility lines will be required for the completion of the Medical Center Complex. President Fawcett recommended that a new easement be granted to the City of Columbus to relocate a 30" sanitary sewer west of Dodd Hall.

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 documents to provide for this easement and to cancel the existing easement on that portion of the sewer to be abandoned.

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

C. Laneview Area - Acquisition of Property for Educational, Research, and Service Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

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

March 14, 1968 meeting, Board of Trustees

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

C. Laneview Area - Acquisition of Property for Educational, Research, and Service Facilities (continued)

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

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 therefore find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with the purchase of certain residential real estate within the area outlined above with funds not to exceed \$35,000.00 available in the University Treasurer and General Fund 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 Lots Numbered 19, 21, 22, 31, 40, 70, and 71, inclusive, 2nd Wood-Brown County Addition.

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

D. Acquisition of Property, 3253 Granville Road, Worthington, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, the following resolution was presented with the recommendation that it be adopted:

WHEREAS, The Ohio State University Board of Trustees authorized on December 10, 1964, the investment in real property in the University Airport area; and

WHEREAS, pursuant to that authority an agreement has been negotiated to purchase 74.070 acres located at 3253 West Granville Road, Worthington, Ohio, from Gail McGurer et al. The property to be acquired and transferred to the University is to be purchased in ten equal installments with the first installment to be paid on the date of closing and the other nine installments to be paid on the same day and month of each year thereafter until fully paid; and

WHEREAS, the total farm surveyed contains 76.063 acres and The Ohio State University is given an option to purchase the remaining 1.993 acres containing the house and all outbuildings for the sum of \$20,000.00 at some future date;

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

D. Acquisition of Property, 3253 Granville Road, Worthington, Ohio (continued)

NOW, THEREFORE, BE IT RESOLVED that with the concurrence of the Finance and Investment Committee of the Board of Trustees, it was now recommended that the agreement to purchase the above-identified property in accordance with the conditions as set forth be approved; furthermore, that the Board of Trustees authorize the President and/or the Vice President for Business and Finance to execute the agreement to purchase and the promissory note setting forth the terms of the installment purchase.

Upon motion of Mr. France, seconded by Mr. Safford, the Board of Trustees adopted the above resolution and approved the purchase of the above-identified property by unanimous roll call vote.

E. Acquisition of Property, 1991 Kenny Road

The following resolution, authorizing the purchase of real property for the Investment Portfolio, was presented with the recommendation that it be adopted:

WHEREAS, the Finance and Investment Committee of the Board of Trustees of The Ohio State University on December 14, 1967, authorized the Vice President for Business and Finance to negotiate the purchase of 6.33 acres of land and buildings, located on Kenny Road adjacent to the University College area, from the Battelle Memorial Institute from funds available in the Investment Portfolio; and

WHEREAS, said purchase has now been negotiated in accordance with said authorization;

NOW, 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 proceed to execute the necessary documents to complete purchase of the above property as part of the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. France, the above resolution was adopted by unanimous roll call vote of the six members who voted. Dr. Thomas abstained from voting since the resolution authorized the purchase of property from Battelle Memorial Institute where Dr. Thomas serves as President.

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Olin Harris Moore, Professor Emeritus of Romance Languages, and Alvin E. Coons, Professor in the Department of 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.

March 14, 1968 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Olin Harris Moore

The Board of Trustees expresses its sorrow at the death on February 14, 1968, of Olin Harris Moore, Professor Emeritus of Romance Languages.

Professor Moore was born in Mt. Airy, North Carolina, on January 27, 1885. He received his A. B. degree from the University of Missouri in 1902, his A. M. degree from Harvard in 1904, and his Ph. D. degree in Romance Languages at the same institution in 1913. During World War I, he did hospital service in France in the Hôpital Militaire in the Château de Passy in the summer of 1915. He traveled frequently in Europe and studied in Paris, France; Madrid, Spain; and Florence, Italy. He was widely trained in French, Spanish, and Italian languages and literatures, including both the old and modern periods. He taught in Millsaps College, Jackson, Mississippi; Phillips Academy, Andover, Massachusetts; and the University of Illinois. After one year as Associate Professor at Northwestern University, he came to The Ohio State University in 1920 as Professor of Romance Languages, in which rank he served for thirty-five years with characteristic ability and thoroughness as teacher and scholar until his retirement in 1955.

Professor Moore was elected to Phi Beta Kappa at the University of Missouri in 1902. After several student scholarships, he held the Parker Traveling Fellowship at Harvard in 1910-11. He was an active member of the Modern Language Association of America, often contributing scholarly articles to its Publications, and also to other learned journals. He was a member of the American Association of University Professors and, in 1937, held the national Presidency of the American Association of Teachers of Italian. He was the author of Elements of French, Henry Plantagenet: The Young King, Legend of Romeo and Juliet, an edition of Victor Hugo's play, Ruy Blas, and of an article, "Mark Twain and Don Quixote," which drew wide attention among students of Mark Twain. With departmental colleagues, Robert Fouré, D. P. Rotunda, George R. Havens, and Walter Meiden, he collaborated on several important textbooks in French and Italian.

During World War II, Professor Moore taught a special class in spoken Italian for carefully selected servicemen. He was a thorough and remarkably objective scholar, widely informed about many things far beyond his field of specialization. Professor Moore was an able exponent of chess and his games with opponents at the Faculty Club always drew an interested group of spectators, eager to watch every move in his rapid and sure play.

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.

March 14, 1968 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Alvin E. Coons

The Board of Trustees expresses its sorrow at the death on February 22, 1968, of Alvin E. Coons, Professor in the Department of Economics.

Professor Coons was born February 3, 1908, in Iowa. He pursued undergraduate and graduate work at the State University of Iowa and came to The Ohio State University as an Assistant Professor of Economics in 1946. Before joining the faculty at The Ohio State University, he taught at South Dakota State College and the State University of Iowa. During World War II, Dr. Coons served in the Mediterranean Theatre, including among his missions in the Air Corps, participation in the strategic raids on the Ploiesti oil fields in Roumania. He was honorably discharged at the war's end with the rank of Major.

While most of his time at The Ohio State University was spent in teaching, Dr. Coons served as Assistant to the Director of The Ohio State University Research Foundation from 1952 to 1956. In 1956-1957, he held a Ford Foundation faculty fellowship and carried on research in England and Sweden. He was the author of a number of publications in the field of economics and served as editor of a textbook series in economics. As a teacher, Dr. Coons was very well liked by his students to whom he devoted a great deal of extra time.

During the last six years of his life, Dr. Coons became much concerned about the housing problems and living conditions of low-income families in the "inner city" of Columbus. To understand more fully the problems of these people he moved into their community and with the help of others, including the Federal Government, proceeded to renovate run-down property and rebuild parts of the depressed communities. His work attracted wide recognition in Ohio and elsewhere; and heads of social agencies, civil rights organizations, civic leaders, and others held the "dedicated bachelor" in the highest esteem.

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

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March 14, 1968 meeting, Board of Trustees

X. REPORTS

A. Report from the Finance and Investment Committee

1. Resolution Approving and Providing for the Execution of a Loan Agreement, and Numbered Contract No. H(402) 3007, by and Between The Ohio State University and the United States of America for Project CH-Ohio-216(D)

Mr. France, Chairman of the Finance and Investment Committee of the Board of Trustees, presented the following resolution:

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, that:

SECTION 1. The pending Loan Agreement, Numbered Contract No. H(402) 3007, dated as of January 1, 1968, relating to the construction on the campus of The Ohio State University an educational institution of higher learning located in Columbus, Ohio, of a new 13-story dormitory building to provide housing for approximately 504 graduate students and a Building Supervisor (Project CH-Ohio-216(D)), by and between The Ohio State University and the United States of America, is hereby in all respects approved.

SECTION 2. The President or the Vice President, Business and Finance, of the University is hereby authorized and directed to execute the said Loan Agreement in two counterparts on behalf of The Ohio State University and the Board of Trustees of The Ohio State University, and the Secretary of the Board of Trustees is hereby authorized and directed to impress and attest the official seal of The Ohio State University on each such counterpart and to forward two such counterparts to the Department of Housing and Urban Development, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

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

B. Report on the University's Investment Portfolio

The report dated March 7, 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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March 14, 1968 meeting, Board of Trustees

XI. DISCUSSION OF COURT CASES PENDING AGAINST STUDENTS
AND OTHERS WHO WERE ARRESTED RECENTLY

Mr. Safford stated that while he knew it was not on the agenda for action, it had come to his attention that some consideration is being given to the possible dismissal of the court cases against students and others who were arrested recently on the charge of trespassing, and he requested that the record show that he was personally opposed to a dismissal of the charges against those who were arrested on the above-referred-to charge.

Messrs. Shocknessy and Hilliker indicated their agreement with Mr. Safford's position on the subject. Mr. Ketterer, in response to a question directed to him by Mr. Shocknessy, indicated that he subscribed in general to the views of those expressed.

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Thereupon the meeting adjourned and the members of the Board of Trustees and administrative officers of the University moved to the site where the first shovel of earth was turned to mark the beginning for the Center for Tomorrow building. The next meeting of the Board will be Thursday, April 11, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

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APPENDIX IV

Amendments to Constitution of The Ohio State University Development Fund

as Approved by the Board of Directors
of The Ohio State University Development Fund
on March 2, 1968

Adopted by Board of Trustees March 14, 1968
(See page 481)

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Amendments to Constitution of The Ohio State University Development Fund

The Board of Directors of The Ohio State University Development Fund at its regular meeting on Saturday, March 2, 1968, pursuant to Article V, Section 1, of the Constitution of The Ohio State University Development Fund, adopted the following resolutions:

BE IT RESOLVED that Section 1 of Article II of said Constitution be amended to read as follows:

Section 1. Number: The Board of Directors shall be twenty (20) in number.

BE IT FURTHER RESOLVED that Section 3 of Article II of said Constitution be amended to read as follows:

Section 3. Manner of Selection: Ten (10) of the Directors, at least one (1) of whom shall be a woman, shall be elected by the Board of Directors of The Ohio State University Association, two (2) shall be elected by the Board of Trustees, one (1) at least of whom shall be a member of the Board of Trustees; five (5) shall be appointed by the President of the University; and three (3) shall represent the University Administration, and these three representatives shall be the President, one of the Vice Presidents to be appointed by the President, and the chief financial officer of the University.

BE IT FURTHER RESOLVED that Section 4 of Article II of said Constitution be amended to read as follows:

Section 4. Tenure: Each director elected by the Board of Directors of The Ohio State University Association shall serve for a period of five (5) years, except that:

- (a) All such directors now in office shall serve until the ends of the terms for which they were elected.
- (b) The five (5) new alumni directors shall serve respectively for terms of one year, two years, three years, four years, and five years.

Trustee directors shall serve for a period of one (1) year each.

The five (5) directors appointed by the President of the University shall serve for a period of five (5) years, except that the first group of such directors shall serve respectively for terms of one year, two years, three years, four years, and five years.

The three (3) directors representing the University Administration shall serve during their terms of office as members of the University Administration.

Amendments to Constitution of The Ohio State University Development Fund (continued)

BE IT FURTHER RESOLVED that Section 8 of Article II of said Constitution be amended to read as follows:

Section 8. Quorum. A quorum shall be twelve (12) members of the Board of Directors. Except as provided in Article V, Section 1, of this Constitution, all actions of the Board of Directors shall be determined by the majority vote of the directors in attendance at a meeting at which a quorum is present.

AND BE IT FURTHER RESOLVED that Section 2 of Article III of said Constitution be amended to read as follows:

Section 2. The Chairman. The Chairman shall be elected by the Board of Directors from among the ten (10) directors elected by The Ohio State University Association.

APPENDIX V

**Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

March 15, 1968

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Graduate School

Dean: Richard Armitage

Doctor of Philosophy

Seventy-three candidates

- William Michael Baird.....Springfield
A.B. (Wittenberg University); M.A.
Dissertation: Collective Bargaining by Registered Nurses
Field of Specialization: Economics
- Harold Dean Bauman.....Worthington
B.S., M.S. (Oklahoma State University)
Dissertation: Farm Mortgage Credit: An Analysis of Factors Influencing Its Supply and Demand
Field of Specialization: Agricultural Economics and Rural Sociology
- Sushil Kumar Bhalla.....Kanpur, India
B.Sc. (University of Delhi); B.Sc. (Agra University); M.Tech. (Indian Institute of Technology)
Dissertation: Effect of Various Substrates on the Nucleation of Supersaturated Solutions of Potassium Chloride
Field of Specialization: Chemical Engineering
- Sanford Parsons Bishop.....Springfield, Pa.
D.V.M. (Cornell University); M.Sc.
Dissertation: Functional, Morphologic, and Biochemical Pathology of Spontaneous and Experimental Right Ventricular Hypertrophy and Congestive Heart Failure in the Dog
Field of Specialization: Veterinary Pathology
- Margaret Herr Cantrell.....Oxford
B.S. in H.E., M.S. (Kansas State University)
Dissertation: An Investigation of Adult Empathy for Children as Measured by the Dawe-Jones Test Including Its Relation to Sibling Position
Field of Specialization: Home Economics
- William Sherman Cariens.....Parma Heights
B.M.E., M.Sc.
Dissertation: The Use of Artificial Thermodynamic States to Predict Properties of Hydrocarbon Gas Mixtures at Zero Pressure
Field of Specialization: Mechanical Engineering
- David Garvin Cartano.....Monticello, Ia.
B.S. (Iowa State University); M.Sc.
Dissertation: Social Integration and Conflict in a Developing Community of the Colombian Interior
Field of Specialization: Agricultural Economics and Rural Sociology
- Henry Francis Cole.....Parma
B.S.Pharm. (Ohio Northern University); M.Sc.
Dissertation: The Effects of Some Selected Central Nervous System Depressants on Certain Genetically Influenced Behaviors in Mice
Field of Specialization: Pharmacy
- Caspar Cronk.....Wellesley, Mass.
A.B. (Harvard University)
Dissertation: Glaciological Investigations Near the Ice Sheet Margin, Wilkes Station, Antarctica
Field of Specialization: Geology

- George Dewane Davis**.....Bowie, Md.
 B.S. in Edu. (Kent State University); M.A.
Dissertation: An Examination of Dialogue and Certain Other Factors and Their Influence on Interaction between the Client and the Therapist in the Therapeutic Process in Speech and Hearing
Field of Specialization: Speech
- James Arthur Davis**.....Worthington
 B.Met.E., M.Sc.
Dissertation: Local Dissolution Phenomena Occurring on Iron-Chromium-Nickel Alloys: An Electron Microscopic Study
Field of Specialization: Metallurgical Engineering
- Donald Richard Domm**.....Fremont
 B.S. in Ed. (Bowling Green State University); M.A.
Dissertation: A Study of the Personality, Attitude toward Others, and Attitude toward Service of the Service-Oriented Employee
Field of Specialization: Business Organization
- Daniel Howard Doster**.....Waynesville
 B.Sc. in Agr., M.Sc.
Dissertation: Feasibility of Producing Processing Vegetables on Irrigated Corn Belt Land
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Eschman Dunham**.....Granville
 B.Met.E.
Dissertation: A Theoretical and Experimental Study of the Angular Distribution of Flux from a Knudsen Cell
Field of Specialization: Metallurgical Engineering
- Franklin Haddox Dye**.....Big Rapids, Mich.
 B.S., Ed.M. (Boston University)
Dissertation: Office Work Perceptions Held by Tenth Grade Female Students Enrolled in Urban High Schools Serving Disadvantaged Youth
Field of Specialization: Education
- Ray Eugene Eiben**.....Bloomington, Ill.
 B.A. (Iowa State Teachers College); M.A. (Roosevelt University)
Dissertation: Counselor-Counselee Personal Orientation and Post-Interview Affect
Field of Specialization: Education
- Charles Arthur Ekstrom**.....Columbus
 A.B. (Denison University); M.A.
Dissertation: Community Social Structure and Issue Differentiation: A Study in the Political Sociology of Welfare
Field of Specialization: Sociology
- Gameh Moustafa Gameh**.....Cairo, Egypt
 B.Sc. (Agr.) (Cairo University); M.Sc.
Dissertation: Growth Potential of Muskingum County, Ohio: An Economic Base and Input-Output Study
Field of Specialization: Agricultural Economics and Rural Sociology
- Frederick George Gebhardt**.....Columbus
 B.E.E., M.Sc.
Dissertation: The Log-Amplitude Mean Value for Laser Beam Propagation in the Atmosphere with Applications for Optical Communications
Field of Specialization: Electrical Engineering

- Paul Logan Gersper**.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: Effects of Stemflow Water on Soil Formation under Beech Trees
Field of Specialization: Agronomy
- Hardyal Singh Gill**.....Ludhiana, India
 B.Sc. (East Punjab University); M.Sc. (Punjab University)
*Dissertation: Some Effects of Atrazine, Amitrole, 2, 4-D and Eptam on Growth, Transpiration and Mineral Absorption in *Cyperus esculentus*, *Triticum sp.*, and *Zea mays**
Field of Specialization: Botany
- Lynn Edward Gill**.....Seal Beach, Calif.
 B.S. (Michigan State University); M.B.A. (University of Southern California)
Dissertation: A Graph Theory Interpretation of Distribution Channel Structure
Field of Specialization: Business Organization
- John Merton Goode**.....Kansas City, Kans.
 B.A. (Kansas State Teachers College); M.A.
Dissertation: The Development of an Instrument to Evaluate Certain Practices in Science Supervision
Field of Specialization: Education
- Joseph Leo Hackett**.....Middletown
 B.Sc. in Med. Tech., M.Sc.
Dissertation: Mixed Experimental Histoplasmosis and Blastomycosis in Mice
Field of Specialization: Pathology
- Marvin Harvey Hammond, Jr.**.....Great Bend, Kans.
 B.S.E.E., B.S., M.S. (Kansas State University)
Dissertation: Optimum Finite Sequential Pattern Recognition Using the Maximum Principle of Pontryagin
Field of Specialization: Electrical Engineering
- Riaz ul Hassan**.....Lyallpur, West Pakistan
 B.A. (Government College, Lyallpur); M.A. (Dacca University)
Dissertation: The Belief Systems and Job Satisfaction of Rural Migrant and Non-Migrant Workers in an Urban Area
Field of Specialization: Sociology
- John James Horvat**.....Bloomington, Ind.
 B.Sc. in Edu., M.A.
Dissertation: A Quasi-Experimental Study of Behavior in the Professional Negotiations Process
Field of Specialization: Education
- Jeptha Ray Hostetler**.....Dalton
 B.A. (Goshen College)
Dissertation: Lymphopoiesis and Lymph Node Histogenesis in the Embryonic and Neonatal Rabbit
Field of Specialization: Anatomy

- Jagjit Singh Jawanda**.....Ludhiana, India
 B.Sc., M.Sc. (University of the Punjab)
Dissertation: Morphological and Anatomical Studies of Stock-Scion Compatibility in Apple with Special Reference to Manchurian Crab-apple, *Malus baccata*, var. *Mandshurica*, Maxim
Field of Specialization: Horticulture and Forestry
- Lloyd Garner Jones**.....Dallas, Tex.
 B.Pet.E., M.Sc.
Dissertation: Thixotropic Behavior of a Colloidal Suspension
Field of Specialization: Chemical Engineering
- Vivekananda Kandarpa**.....Eluru, India
 B.Sc. (Andhra University); M.Sc. (Osmania University); M.Sc.
Dissertation: A Study of the Internal Friction of Some Iron-Manganese and Iron-Manganese-Carbon Alloys
Field of Specialization: Metallurgical Engineering
- Joseph Lee Kenty**.....Columbus
 Met.E. (University of Cincinnati)
Dissertation: Nucleation and Epitaxy of Silver on Sodium Chloride
Field of Specialization: Metallurgical Engineering
- Ronald Michael Kovach**.....Avon Lake
 B.Ch.E., M.Sc.
Dissertation: Steady State Analysis of a Porous Flow-Through Electrode
Field of Specialization: Chemical Engineering
- Ronald Michael Latanision**.....Forest City, Pa.
 B.S. (Pennsylvania State University)
Dissertation: The Mechanical Behavior of Electrochemically Polarized Nickel Single Crystals
Field of Specialization: Metallurgical Engineering
- William Kinsley Latshaw**.....Shelbyville, Ind.
 B.Sc., D.V.M., M.Sc.
Dissertation: A Study of the Prenatal Stages of the Collie Eye Anomaly
Field of Specialization: Veterinary Anatomy
- William Ernest Lewis**.....Greenville, N. C.
 B.S. (North Carolina State College); M.Sc.
Dissertation: Elastic and Thixotropic Interpretation of Transient Non-Newtonian Flow
Field of Specialization: Chemical Engineering
- Jewellean Smith Mangaroo**.....Columbus
 B.S. in Nrsng. (Meharry Medical College); M.S. (Nursing) (Washington University)
Dissertation: The Relation of Cognitive Factors to the Academic Achievement of Juniors at The Ohio State University School of Allied Medical Professions
Field of Specialization: Education
- Kenneth Lee McCloud**.....Marietta
 B.S. (Carnegie Institute of Technology)
Dissertation: Tensile Strength of Liquid Helium
Field of Specialization: Physics

- Robert Eugene McCollum.....Maumee
 B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: A Study of the Relationship between Selected Personality Characteristics and the Reflective Method
Field of Specialization: Education
- James Carmichael McGraw.....Mansfield
 A.B. (Oberlin College); M.Sc.
Dissertation: A Study of *Cosmocercoides dukae* (Holl, 1928) Wilkie, 1930 (Nematoda: Cosmocercidae) from Amphibians in Ohio
Field of Specialization: Zoology and Entomology
- Gerald Herbert Meier.....McKeesport, Pa.
 B.S. in Met. Engr. (Carnegie Institute of Technology)
Dissertation: The Ionic and Electronic Defect Structure of Pure and Chromium-Doped Nickel Oxide
Field of Specialization: Metallurgical Engineering
- Michael Joseph Misshauk.....Astoria, N. Y.
 B.S. (Manhattan College); M.B.A. (Michigan State University)
Dissertation: An Investigation into Supervisory Skill Mix among Heterogeneous Operative Employee Groups and the Effectiveness in Determining Satisfaction and Productivity of Employees
Field of Specialization: Business Organization
- Richard Albert Mostardi.....Kent
 B.S.Ed., M.E. (Kent State University)
Dissertation: The Effects of Riding a Bicycle at Three Different Pedaling Rates on Metabolic and Respiratory Responses
Field of Specialization: Physical Education
- Milton Courtland Mussman.....Amlin
 B.Sc. in Edu., M.A.
Dissertation: Middlescence: Critical Period or Periods in Adulthood?
Field of Specialization: Psychology
- Louis Jack Nachman.....Columbus
 B.Sc. in Edu.
Dissertation: Weak and Strong Constructions in Proximity Spaces
Field of Specialization: Mathematics
- Mohindar Singh Ogra.....Hoshiarpur, India
 B.V.Sc. (Punjab University); M.Sc.
Dissertation: Studies on the Identification and Serology of *Mycoplasma meleagridis*
Field of Specialization: Poultry Science
- Kathleen Gnifkowski O'Keefe.....Pittsburgh, Pa.
 B.A. (College of Saint Benedict, Minnesota); M.A.
Dissertation: Methodology for Educational Field Studies
Field of Specialization: Education
- Abraham Orighoyere Memaredieyin Okorodudu.....Warri, Nigeria
 B.S. (Lowell Technological Institute); M.S. (Tufts University)
Dissertation: Alkaline-Induced Decomposition of N-Nitroso-2-oxazolindones
Field of Specialization: Chemistry

- Raj Nawindar Pal**.....Vrindaban, India
 B.Sc. (Agr.), M.Sc. (Agr.) (University of the Punjab)
Dissertation: Characterization of the Microflora of the Raw Milk Supply
Field of Specialization: Dairy Technology
- Ronald Lee Pastorek**.....Freeport, Pa.
 B.S. (Carnegie Institute of Technology)
Dissertation: Solubility and Diffusivity of Oxygen in Solid Copper
Field of Specialization: Metallurgical Engineering
- Douglas Harry Pletsch**.....Clifford, Ont., Canada
 B.S.A. (Ontario Agricultural College); M.Sc.
Dissertation: Communication Concepts Used by Adult Educators in Agriculture to Implement Educational Change
Field of Specialization: Agricultural Education
- Huay-min Huoh Pu**.....Taipei, Taiwan, China
 B.Sc. (Taiwan Normal University)
Dissertation: Contributions to Hayes Integral
Field of Specialization: Mathematics
- Panganamala Venkata Rao**.....Kakinada, India
 B.Sc. (Andhra University); B.Tech. (Osmania University)
Dissertation: Synthesis of Fatty Aldehydes and Their Cyclic Acetals: New Derivatives for the Analysis of Plasmalogens
Field of Specialization: Physiological Chemistry
- Herbert J. Roth**.....Wauseon
 B.Sc. in Agr., M.Sc.
Dissertation: Adaptation of Benefit-Cost Analysis to the Measurement of Performance of Agricultural Development Banks
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Edward Ryan, Jr.**.....Galion
 B.S. in E.E. (Case Institute of Technology); M.Sc.
Dissertation: A Geometrical Theory of Diffraction Analysis of the Radar Cross Section of a Sectionally Continuous Second-Degree Surface of Revolution
Field of Specialization: Electrical Engineering
- Theo Fred Schalinske**.....Columbus
 A.B., B.D. (Capital University); M.Th. (Princeton Seminary)
Dissertation: The Role of Television in the Life of the Aged Person
Field of Specialization: Speech
- Dalbir Singh**.....Ludhiana, India
 B.Sc., M.Sc. (Punjab University); M.Sc.
Dissertation: Selection Response and the Nature of Genetic Variation for Eight-Week Body Weight in the Domestic Fowl
Field of Specialization: Poultry Science
- Affi Hassan Soliman**.....Benha, Egypt
 B.Sc. (Ein Shams University); M.Sc.
Dissertation: Error Propagation in Strip Triangulation and the Standard Errors of the Adjusted Coordinates
Field of Specialization: Geodetic Science

- Dean Lewis Stoffer.....Delaware
 B.A. (North Central College); M.A.
Dissertation: An Investigation of Therapeutic Success as a Function of Genuineness, Nonpossessive Warmth, Empathic Understanding, and Dogmatism in the Helping Person
Field of Specialization: Psychology
- Hugh Winston Stumbo.....Iowa City, Ia.
 A.B. (Morehead State College); M.A. (Columbia University)
Dissertation: Aesthetic Experiences in the Teaching of Art: An Aspect of Method
Field of Specialization: Art
- Gary Allen Thiele.....East Cleveland
 B.S.E.E. (Purdue University); M.Sc.
Dissertation: On the Application of the Point Matching Technique to Antenna and Scattering Problems
Field of Specialization: Electrical Engineering
- David Fred Thompson.....Columbus
 B.Cer.E., M.Sc.
Dissertation: Thermal Deformation of Glass-Crystal Systems
Field of Specialization: Ceramic Engineering
- John Stark Thompson.....East Berlin, Conn.
 B.S. (Muskingum College); M.Sc.
Dissertation: The Isolation and Characterization of an L-Alanine: Glyoxylate Aminotransferase from Human Liver
Field of Specialization: Physiological Chemistry
- Curtis Whitfield Tong.....Westerville
 B.A. (Otterbein College); M.A.
Dissertation: John Herbert Nichols, M.D.: A Life of Leadership in Physical Education and Athletics
Field of Specialization: Physical Education
- Bruce Gunn van Leuwen.....Holland, Mich.
 A.B. (Hope College); M.Sc.
Dissertation: Substituent Parameters in Polynuclear Aromatic Hydrocarbons
Field of Specialization: Chemistry
- Edward Emmert Wallen.....Gallipolis
 B.S., M.A. (Memphis State University)
Dissertation: Influence of Dogmatism on Counselee Decision Making
Field of Specialization: Education
- John Austin Weeks.....West Liberty, W. Va.
 A.B. (Albion College); M.A.
Dissertation: The Controversy over Chinese Labour in the Transvaal
Field of Specialization: History
- Robert Jerry Weiler.....Columbus
 B.S. in Bus.Ad. (University of Arizona); M.A.
Dissertation: A Critical Examination of Existing Real Estate Taxation Valuation Procedures
Field of Specialization: Business Organization

- Gerald Allen Wilcox.....Mt. Blanchard
 B.Ch.E., M.Sc.
Dissertation: Gas-Phase Reaction Kinetics and Diffusion in Massive Microporous Catalysts: 2-Bromopropane and Porous Vycor Glass
Field of Specialization: Chemical Engineering
- Samuel Lewis Wiley.....Columbus
 B.S. (Capital University)
Dissertation: Properties of the Lattice Gas and Related Magnetic Systems
Field of Specialization: Physics
- Donald Ervin Williams.....Dalton, Ga.
 B.B.A. (Georgia State College)
Dissertation: An Analysis of Selected Work Duties and Performance of the More Effective Versus the Less Effective Manager
Field of Specialization: Business Organization
- H. Eugene Wysong.....Westerville
 B.S. in Edu., A.M. (Miami University)
Dissertation: Evaluating Secondary School Guidance Programs: The Development and Validation of Instruments
Field of Specialization: Education
- Donald Earl Zehr.....Columbus
 B.S. in Agr. (Purdue University); M.Sc.
Dissertation: The Control of the Transportation of Milk from Farm to Market and Its Effect on the Bargaining Position of Dairy Marketing Cooperatives
Field of Specialization: Agricultural Economics and Rural Sociology

Master of Accounting

One candidate

- James Hartley Smith.....Lancaster
 B.Sc. in Bus. Adm.
Field of Specialization: Accounting

Master of Arts

Seventy-eight candidates

- Roger Gene Abshire.....Granville
 B.S. (Pikeville College)
Field of Specialization: Education
- Edward Louis Aleo.....Rochester, N. Y.
 B.S. (Idaho State University)
Field of Specialization: Speech
- MaryAnn Anastasia Andolsek.....Marion, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: Psychology
- Joseph Paul Arthur.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James William Baker.....Columbus
 B.Sc. in Edu.
Field of Specialization: Journalism

- Larry Thomas Bashark.....Kettering
 B.E.E., M.Sc.
Field of Specialization: Psychology
- Katherine Reigle Baxter.....Canton
 A.B. (Heidelberg College)
Field of Specialization: Speech
- George Dietrich Berndt.....Springfield
 A.B. (Wittenberg University)
Field of Specialization: History
- Catherine Bicknell.....Grosse Pointe, Mich.
 B.A. (Wellesley College)
Field of Specialization: Romance Languages
- Harold Alonza Black.....Atlanta, Ga.
 B.A. (University of Georgia)
Field of Specialization: Economics
- Roberta Rae Boyd.....Cuyahoga Falls
 B.Sc. in Edu.
Field of Specialization: Education
- Jay Wright Brown.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Richard Brown.....Bedford Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Suzanne Frey Bryant.....Eugene, Ore.
 B.A.
Field of Specialization: Psychology
- Elizabeth Gray Caldwell.....Athens
 A.B. (Ohio University)
Field of Specialization: Economics
- Robert Morrison Carroll.....Albuquerque, N. M.
 B.S. (University of New Mexico)
Field of Specialization: Psychology
- Maxine Elizabeth Cashell.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jong Rak Choe.....Taemyeong, Korea
 B.S. (Seoul National University)
Field of Specialization: Education
- Mary Martin Claytor.....Columbus
 B.S.Elem.Ed. (Bluefield State College)
Field of Specialization: Education
- Ronald Sycks Cramblett.....Coshocton
 B.Sc. in Edu.
Field of Specialization: Education
- Suzanne Mitchell Crowley.....Columbia, Mo.
 B.A. (Saint Mary's College, Indiana)
Field of Specialization: English

- Carol Anne Davis.....Lexington, Ky.
 B.S. in Ed. (University of Tennessee)
Field of Specialization: Art
- William Henry Drewes.....Columbus
 B.S. in Edu. (Capital University)
Field of Specialization: Education
- James Eldon Emswiler.....Columbus
 B.Sc. in Edu.
Field of Specialization: History
- Merlyn Pitt Enarson.....Cleveland
 B.A. (University of Colorado)
Field of Specialization: German
- Kenneth Nelson Eslinger.....Terre Haute, Ind.
 B.S. (Indiana State College)
Field of Specialization: Sociology
- Margaret Avren Ewing.....Columbus
 B.A.
Field of Specialization: Education
- Judith Mack Goldner.....Columbus
 B.A. (University of Minnesota); B.Sc. in Edu.
Field of Specialization: English
- Carole Waldman Goldstein.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Felicitas Daniels Goodman.....Columbus
Field of Specialization: Linguistics
- Mildred Wines Graham.....Columbus
 B.S.H.E. (West Virginia University)
Field of Specialization: Education
- Sally Anne Greene.....Toledo
 B.A. (University of Toledo)
Field of Specialization: Romance Languages (French)
- Beverly Ann Gunn.....Columbus
 B.S.Ed. (Indiana University)
Field of Specialization: Education
- Marie Van Schoyck Herron.....Columbus
 B.M. (Capital University)
Field of Specialization: Music
- Ronald Hersh.....Akron
 B.A.
Field of Specialization: Political Science
- Jean Ellen Jones.....Greensboro, N. C.
 B.A. (University of North Carolina)
Field of Specialization: Art
- Russell Wilfred Jordan, Jr.....Worthington
 B.Sc. in Edu.
Field of Specialization: Education

- Thomas Patrick Joseph.....Columbus
 B.A.
Field of Specialization: Psychology
- Irving Lee Kaplan.....Cleveland Heights
 B.Sc.
Field of Specialization: Education
- Michael Henry Kean.....Philadelphia, Pa.
 B.A. (Pennsylvania State University)
Field of Specialization: Education
- Byung-Kyu Kwon.....Taegu, Korea
 B.S. (Kyung-Pook National University, Korea)
Field of Specialization: Education
- Robert Herman Luchi.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: History
- Kevin Patrick Lynch.....North Olmsted
 B.Sc. in Edu.
Field of Specialization: Education
- Charles Winfred Manley.....Indianapolis, Ind.
 A.B. (Indiana University)
Field of Specialization: Psychology
- John Richard Mohr.....Tampa, Fla.
 B.S. (Indiana University)
Field of Specialization: Education
- Robert Edward Moran.....Fort Lauderdale, Fla.
 A.B., M.A. (Saint Paul's College, Washington, D. C.)
Field of Specialization: Sociology
- William Raymond Morrissey.....Cleveland
 B.A. (College of the Holy Cross)
Field of Specialization: English
- Craig Harlan Mosier, II.....Waterloo, Ia.
 B.A. (State College of Iowa, Cedar Falls)
Field of Specialization: Sociology
- Kay Schucker Mundis.....Altoona, Pa.
 B.A. (Susquehanna University)
Field of Specialization: Classics
- Elaine Miyo Naramoto.....Honolulu, Hawaii
 B.S. in Bus. (Indiana University)
Field of Specialization: Psychology
- Doreen Gail Neuhoff.....Cleveland
 B.Sc. in Edu.
Field of Specialization: History
- Gayle Louise Nyenhuis.....Zeeland, Mich.
 A.B. (Calvin College)
Field of Specialization: English

- Gary Lee O'Connor.....Kokomo, Ind.
 B.A. (Ed.) (Ball State University)
Field of Specialization: Education
- Robert Alan Osterhouse.....Spokane, Wash.
 B.A. (Whitworth College)
Field of Specialization: Psychology
- Mary Mornini Paddock.....Highwood, Ill.
 B.S. in Ed. (Illinois State University)
Field of Specialization: Education
- Catherine Anne Pepper.....Toronto, Ont., Canada
 B.A. (University of Toronto)
Field of Specialization: Psychology
- James Richard Rea.....Marion
 B.A. (Otterbein College)
Field of Specialization: Speech
- Joseph Augustus Roach.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Economics
- Marguerite Jeanne Rocle.....Tarare, France
Field of Specialization: Romance Languages
- Carol Fox Ross.....Columbus
 B.Sc. in Edu.
Field of Specialization: Art
- John William Sadler.....Eaton
 B.Sc. in Edu.
Field of Specialization: Education
- David Andrew Sartorius.....Worthington
 B.A. (Pontifical College of Josephinum)
Field of Specialization: Classics
- Andrew Allen Scott.....North Olmsted
 B.F.A. (Carnegie Institute of Technology)
Field of Specialization: Economics
- June Jaroch Shilling.....Columbus
 B.S. (Ed) (Bowling Green State University)
Field of Specialization: Physical Education (Health Education)
- Stephen Amrine Sims.....Lancaster
 B.A. (Ohio Wesleyan University)
Field of Specialization: Economics
- Lawrence Pattison Smith.....Westlake
 B.S. in Ed. (Miami University)
Field of Specialization: Political Science
- Roger Boughton Smith.....Worthington
 B.A. (University of Akron)
Field of Specialization: Education
- Bunny Carole Steiger.....Fremont
 B.Sc. in Edu.
Field of Specialization: Music

- Harvey Jay Stein.....Cleveland Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Becky Bridenbaugh Stevens.....Butler, Pa.
 B.A. (Muskingum College)
Field of Specialization: Sociology
- Michael James Valinis.....Maple Shade, N.J.
 B.A. (La Salle College)
Field of Specialization: German
- John Joseph VanHoose.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Helen Clamor Villejo.....Cebu City, Philippines
 B.S.E. (University of San Carlos, Philippines)
Field of Specialization: English
- Elizabeth Edwards Wells.....Lorain
 B.A. (Baldwin-Wallace College)
Field of Specialization: English
- Christy Ann Williams.....Webster Groves, Mo.
 A.B. (Oberlin College)
Field of Specialization: Slavic Languages
- Joyce Harpster Yochheim.....Wooster
 B.A. (College of Wooster)
Field of Specialization: English
- Alicia Irene Zingoni.....Buenos Aires, Argentina
Field of Specialization: Linguistics
- Karen Niedenthal Zonders.....Brewster
 B.A. (Muskingum College)
Field of Specialization: Education
- Master of Business Administration** *Thirty-seven candidates*
- Dembel Balcha.....Addis Ababa, Ethiopia
 B.Sc. (Haile Selassie I University)
Field of Specialization: Business Organization
- James Gibson Banks.....Columbus
 B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Raymond Anthony Bergman.....Minster
 B.Bus.Adm. (University of Cincinnati)
Field of Specialization: Business Organization
- Robert Edward Birkle.....Cheviot
 B.S. (Marietta College)
Field of Specialization: Business Organization
- Charles William Brandstetter.....Canton
 B.I.E.
Field of Specialization: Business Organization

- Thomas William Bryan.....Coshocton
 B.E.M.
Field of Specialization: Business Organization
- Robert Sheets Bussom.....Shelby
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Richard Thomas Clark.....Columbus
 B.S.I.T. (Ohio University)
Field of Specialization: Business Organization
- Raymond Riley Davis.....Russellville, Ky.
 B.S. (University of Kentucky)
Field of Specialization: Business Organization
- Donald Raphael Delauter.....Fort Hood, Tex.
 B.S. (Ag.Econ.) (University of Maryland)
Field of Specialization: Business Organization
- David Matthew Dooley.....Loogootee, Ind.
 B.B.A. (University of Notre Dame); LL.B. (Indiana University)
Field of Specialization: Business Organization
- Adel Ibrahim El-Ansary.....Cairo, Egypt
 B.Com. (Cairo University)
Field of Specialization: Business Organization
- Michael Edward Flood.....Zanesville
 B.S. (Providence College)
Field of Specialization: Business Organization
- James Donald Fox.....Cass City, Mich.
 B.S. (Michigan State University)
Field of Specialization: Business Organization
- Michael Howard Galan.....Cleveland Heights
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Timothy Allen Gaskin.....San Francisco, Calif.
 B.S. (University of California, Berkeley); M.S. (University of Delaware); Ph.D. (Purdue University)
Field of Specialization: Business Organization
- Larry Jay Goar.....Lakeland, Fla.
 B.S. (Florida State University)
Field of Specialization: Business Organization
- Ronald Gordon Gossman.....Fairborn
 B.E.E.
Field of Specialization: Business Organization
- Polly Ibatuan, Jr.....Great Falls, Mont.
 B.S. (University of Omaha)
Field of Specialization: Business Organization
- Paul William Jankura.....Cleveland
 B.B.A. (Cleveland State University)
Field of Specialization: Business Organization

- Warren Paul Johnson.....Dayton
 B.Ch.E. (University of Louisville); M.S. (University of New Mexico)
Field of Specialization: Business Organization
- Peter Charles Joseph.....Brisbane, Australia
 B. Com. (University of Queensland)
Field of Specialization: Business Organization
- Oscar Arthur Karsch.....Trotwood
 B.M.E. (City College, New York)
Field of Specialization: Business Organization
- Philip Martin Kiep.....Worthington
 B.S. (Purdue University)
Field of Specialization: Business Organization
- Arthur Henry King.....Kinston, N. C.
 B.S. (East Carolina College)
Field of Specialization: Business Organization
- Kenneth Edward Kodger.....North Olmsted
 B.Sc. in Chem. Engr. (Tri-State College)
Field of Specialization: Business Organization
- Clyton Lee Menefee.....Fulton, Mo.
 B.S. in Agr. (University of Missouri)
Field of Specialization: Business Organization
- Wandell Corley Miller.....Parkersburg, W. Va.
 B.I.E.
Field of Specialization: Business Organization
- Steven Chester Mirick.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Isaac Dib Nasri.....Worthington
 B.S., M.S. (University of Louisville)
Field of Specialization: Business Organization
- Martin Pressman.....Charleston, W. Va.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Richard George Reid.....Cheverly, Md.
 B.S. (University of Maryland)
Field of Specialization: Business Organization
- Kent Lee Ryder.....Matamoras, Pa.
 A.B. (Allegheny College)
Field of Specialization: Business Organization
- Joel Frederick Schlosberg.....Memphis, Tenn.
 B.S. (Memphis State University)
Field of Specialization: Business Organization
- William Ronald Studebaker.....New Carlisle
 B.Sc. in Agr.
Field of Specialization: Business Organization

Richard Norris Wickwar..... Ottumwa, Ia.
B.S. (Black Hills Teachers College)
Field of Specialization: Business Organization

Gerald Charles Zeman..... Maple Heights
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

Master of City Planning *Two candidates*

Charles Henry Bogart..... Fort Thomas, Ky.
A.B. (Villa Madonna College)
Field of Specialization: City and Regional Planning

Robert Evar Grasser..... Cincinnati
B.S. in Arch. (University of Cincinnati)
Field of Specialization: City and Regional Planning

Master of Fine Arts *One candidate*

Donald Joe Bronson..... Waterloo, Ia.
B.F.A. (University of Illinois); M.A. (University of Notre Dame)
Field of Specialization: Fine Arts (Sculpture)

Master of Music *Two candidates*

Michael Ernest Jenks..... Jeffersonville
B.Sc. in Edu.
Field of Specialization: Music

Gwendolyn Chester Shrader..... Newark
B.Mus.
Field of Specialization: Music

Master of Science *Ninety-three candidates*

Anwar Kamal Abdullah..... Allahabad, U.P., India
M.B.B.S. (University of Lucknow, India)
Field of Specialization: Medicine

Roger William Anderson..... Shepherd, Mich.
B.S. in Phar. (Ferris State College)
Field of Specialization: Pharmacy

Kenneth Lewis Applegate..... Fairborn
B.A. (Central State University)
Field of Specialization: Poultry Science

Edward Francis Armstrong..... Columbus
B.C.E.
Field of Specialization: Civil Engineering

*James Russell Bailey..... New Philadelphia
Field of Specialization: Civil Engineering

* Also Bachelor of Civil Engineering, College of Engineering

- Arthur Dale Bare.....Nevada
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Kaye Porter Barefield.....Hopkinsville, Ky.
 B.S. (Western Kentucky State College)
Field of Specialization: Entomology
- Richard Carroll Behymer.....Dayton
 B.E.E.
Field of Specialization: Electrical Engineering
- John Edward Bilikam.....Columbus
 B.I.E.
Field of Specialization: Industrial Engineering
- Robert Dale Blackburn.....Altoona, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Metallurgical Engineering
- Raymond Ronald Bosecker.....Mt. Carmel, Ill.
 B.S. (Southern Illinois University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Larry Blair Bourquin.....Toledo
 B.Sc.
Field of Specialization: Geodetic Science
- Arthur Stanley Brown.....Teaneck, N. J.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Carl Kenneth Buckner.....Tulsa, Okla.
 B.S. in Pharm. (University of Oklahoma)
Field of Specialization: Pharmacy
- *Walter Dennis Burnside.....Niles
Field of Specialization: Electrical Engineering
- Dennis John Carlo.....Wilmington, Del.
 B.Sc.
Field of Specialization: Microbiology
- Ralph Clifton Covey.....Summit, N. J.
 B.S. (Ohio University)
Field of Specialization: Microbiology
- Daniel Louis Cowdrey.....Washington C. H.
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Corwin Craig.....Baltimore
 B.Sc., B.Sc. in Edu.
Field of Specialization: Physics
- Philip Grayson Cullum, Jr.....Nashville, Tenn.
 B.A. (David Lipscomb College)
Field of Specialization: Mathematics

* Also Bachelor of Electrical Engineering, College of Engineering

- Richard Andrew Dennis.....Saint Jo, Tex.
 B.S., D.V.M. (Texas Agricultural and Mechanical University)
Field of Specialization: Veterinary Pathology
- Leticia Leano DeOcampo.....Manila, Philippines
 B.S. in Home Econ. (University of the Philippines)
Field of Specialization: Home Economics
- Leland Claude Dickey.....Dayton
 B.S.Ch.E. (University of Cincinnati)
Field of Specialization: Chemistry
- Terence Richard Dockerty.....St. Johnsville, N. Y.
 B.S. (Cornell University)
Field of Specialization: Animal Science
- Joseph Ernest Dryer.....Lancaster, Pa.
 B.E.E.
Field of Specialization: Electrical Engineering
- Eston Christis Farrell, Jr.....Columbus
 B.A. (Eastern Nazarene College)
Field of Specialization: Pathology
- Wayne Lee Felty.....Harrisburg, Pa.
 B.S. in Chem. (Lebanon Valley College)
Field of Specialization: Chemistry
- Gerald Lloyd Fite.....Bethel
 A.B. (Wilmington College)
Field of Specialization: Dairy Science
- Terrance Lee Flaig.....Cincinnati
 B.E.E.
Field of Specialization: Electrical Engineering
- Edward Allen Gaer.....Milwaukee, Wis.
 B.S., M.D. (University of Wisconsin)
Field of Specialization: Psychiatry
- David Theodore George.....Strongsville
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Ruvendra Nath Gotam.....Bikaner, India
 B.V.Sc. and Animal Husbandry, M.A. (Agra University)
Field of Specialization: Animal Science
- David Russell Graham.....Brookville
 B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Kay Ryan Gregory.....Byesville
 B.Sc. in Med. Tech.
Field of Specialization: Pathology
- Joseph Edward Gross, III.....Ramsey, N. J.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science

- Ala Bakir Hamoudi.....Baghdad, Iraq
 B.M. and S. (University of Baghdad)
Field of Specialization: Pathology
- Mohammad Hemami.....Isfahan, Iran
Field of Specialization: Civil Engineering
- Snowden Hernandez.....Trujillo Alto, Puerto Rico
 B.S. (Agr.), D.D.M. (University of Puerto Rico)
Field of Specialization: Dentistry
- Jonathan Wayne Hinton.....Canton
 B.Cer.E.
Field of Specialization: Ceramic Engineering
- Charles Arthur Hoenstine, Jr.....Annandale, Va.
 B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- Philip Franklin Honsberger.....Sycamore
 B.E.E.
Field of Specialization: Electrical Engineering
- Daniel Howard Hornbarger.....Buffalo, N. Y.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Ellen Hsia Hung.....Taipei, Taiwan, China
 B.S. (Taiwan Normal University)
Field of Specialization: Chemistry
- Joseph Kelly Jarboe.....Charleston, S. C.
 B.S. in M.E. (University of Kentucky)
Field of Specialization: Industrial Engineering
- Thomas Howe Johnson.....Lexington, Ky.
 B.S. in Agr. (University of Kentucky)
Field of Specialization: Poultry Science
- Kenneth Morgan Jones.....Akron
 B.M.E.
Field of Specialization: Mechanical Engineering
- Harold Marion Keener.....Ashland
 B.Agr.E.
Field of Specialization: Agricultural Engineering
- John Francis Kenefick.....Binghamton, N. Y.
 B.C.E.
Field of Specialization: Geodetic Science
- David Paul Kreps.....Pottstown, Pa.
 B.S. (Manchester College)
Field of Specialization: Microbiology
- Roger George Kroetz.....Fostoria
 B.S. (Bowling Green State University)
Field of Specialization: Mathematics
- Edward Leonard Laskowski.....Parma
 B.E.E. (University of Detroit)
Field of Specialization: Electrical Engineering

- Calvin Milton Leimbach.....Lima
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Charisma Madson Lindberg.....Galena
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Donald Walter Long.....Leetonia
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- Mary Louise Macnamara.....Dayton
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Larry Joe Martin.....Hebron
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Paul Bernard McNulty.....Dublin, Ireland
 B.E. (National University of Ireland)
Field of Specialization: Dairy Technology
- Paul Nicolas Monteleone, Jr.....Girard
 B.S. (Youngstown University); M.D.
Field of Specialization: Pathology
- Martin Joseph Moran.....Brooklyn, N. Y.
 B.E.E. (Manhattan College)
Field of Specialization: Electrical Engineering
- John Russell Mumaw.....Dalton
 B.M.E.
Field of Specialization: Mechanical Engineering
- Tomomi Murata.....Toyohashi, Japan
 B.E. (Nagoya Institute of Technology)
Field of Specialization: Metallurgical Engineering
- Howard Lee Neal.....Mansfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Gabriel Francis Tambe Obenson.....Buea, West Cameroon
 B.Sc. (International Training Center for Aerial Survey, Delft, Holland)
Field of Specialization: Geodetic Science
- Lawrence Charles Oleksiak.....Mineola, N. Y.
 B.S. (University of Dayton)
Field of Specialization: Zoology
- Robert Samuel Plentovich.....Hayes, Va.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Stanley Wayne Powers.....Desdemona, Tex.
 B.S. (Geology) (Texas Technological College); M.A. (Sacramento State
 College)
Field of Specialization: Geodetic Science

- Dean Howell Reber.....Rock Hill, S. C.
B.S. (Chem. Engr.) (North Carolina State College)
Field of Specialization: Chemical Engineering
- Hesham Aly Roushdy-Enan.....Cairo, Egypt
B.M.E. (Cairo University)
Field of Specialization: Industrial Engineering
- John Charles Schaefer.....Sheboygan, Wis.
B.S. (Marquette University)
Field of Specialization: Chemistry
- Lawrence Herbert Schmidt.....Swanton
B.Sc. in Agr.
Field of Specialization: Horticulture
- John Paul Schoessler.....Kent
B.Sc. in Opt., O.D.
Field of Specialization: Optometry (Physiological Optics)
- Haralambos Simeonidis.....Porto Alegre, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- Fredrick Larnce Smith.....Huntington, W. Va.
B.S. (Marshall University)
Field of Specialization: Mathematics
- Richard Roy Smith.....Esco, Minn.
B.Aero.Eng. (University of Minnesota)
Field of Specialization: Aeronautical and Astronautical Engineering
- Carl Edgar Snyder, Jr.....Dayton
B.S. (University of Dayton)
Field of Specialization: Chemistry
- William Dominic Soccorsy.....Youngstown
B.E. (Youngstown University)
Field of Specialization: Metallurgical Engineering
- Christos Spentzos.....Athens, Greece
Field of Specialization: Electrical Engineering
- Susan Ilma Stetson.....Lucas
B.Sc. in H.E.
Field of Specialization: Home Economics
- John Lewis Steva.....St. Marys
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- *Dennis Paul Stombaugh.....Bryan
Field of Specialization: Agricultural Engineering
- Ray Bernard Stout.....Hamersville
B.M.E.
Field of Specialization: Mechanical Engineering
- Jerry Lee Tangeman.....Wapakoneta
B.Sc. in Agr.
Field of Specialization: Agricultural Education

* Also Bachelor of Agricultural Engineering, College of Engineering

- Leon Garfield Thompson.....Elmwood, Wis.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Thomas Robert Tucker.....Georgetown
 B.Sc.
Field of Specialization: Zoology
- Allen Leroy Ulrich.....Upper Sandusky
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Umaid Kishan Vyas.....Jodhpur, India
 B.V.Sc. (University of Rajasthan, India)
Field of Specialization: Poultry Science
- *Eugene Ralph Wertz.....Tiffin
Field of Specialization: Electrical Engineering
- John Thomas Whalen.....Youngstown
 B.E.E.
Field of Specialization: Industrial Engineering
- William Reynard Williamson.....Dayton
 B.S.E.E. (Purdue University)
Field of Specialization: Electrical Engineering
- William James Wilson.....Dayton
 A.B. (University of Kentucky); B.S. (United States Air Force Institute of Technology)
Field of Specialization: Electrical Engineering
- Hugh James Zeller.....Gnadenhutten
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Gary Oakley Zerbe.....Canton
 B.Sc.
Field of Specialization: Mathematics
- Gregory Zerfiridis.....Kavala, Greece
Field of Specialization: Dairy Technology

Master of Social Work

Two candidates

- Jean Salter Hutzler.....Cleveland
 A.B. (Western Reserve University)
Field of Specialization: Social Work
- Barbara Kieffer Lippert.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work

* Also Bachelor of Electrical Engineering, College of Engineering

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Sixty-four candidates

Richard Lowell Abels.....	Cedarville
Grange Robert Alves.....	Solon
Donald Lewis Ames.....	Wilmington
Roger L. Banta.....	Belle Center
John Robert Beckman.....	Minster
Earl Joseph Beiler.....	Bellevue
Bryan Roger Borkosky.....	Upper Sandusky
Gary Donald Bougher.....	Seville
Kenneth Paul Brown.....	Springfield
Richard Frederick Buhrow.....	Martin
Patrick Louis Burns.....	Auburn, N. Y.
Robert Stephen Burns.....	Franklin
Thomas John Clark.....	Little Valley, N. Y.
Charles Richard Cline.....	Jeffersonville
*Rhea Kathleen Copening.....	Worthington
Robert Bailey Craig.....	South Euclid
Richard Allen DeVold.....	Belle Valley
Michael Eric Dewey.....	Mt. Sterling
Arthur Osborn Dudgeon.....	Wapakoneta
Charles John Frank.....	Lockbourne
John Charles Fritz.....	Holgate
Richard Thomas Gilgrist.....	Hamilton
Judith Kay Goodspeed.....	Amherst
John Paul Gruber.....	Mt. Gilead
Paul Joseph Helbling.....	Coshocton
Gary Joe Hoff.....	Greenville
Jane Krinn Holloway.....	Logan
Larry Edwin Humphreys.....	New Burlington
Dan Robert Hupp.....	Springfield
Charles Ward Karr.....	Coshocton
George Orville Keller III.....	New Carlisle
Dwight Kleiber.....	Marysville
Larry Clyde Knoch.....	Whipple
David Lee Kohli.....	Wauseon
Thomas Frederick Lamb.....	Canal Winchester
Lewis Paul Lemmerbrock.....	Bowling Green
Richard Eugene Mackey.....	Shelby
Jon Albert Mayner.....	Mentor
George Dale McClain.....	Akron
Jack Roger McCoy.....	Mt. Vernon
Richard Wallace Mumma.....	Dayton
Paul Herman Pence.....	Columbus
John Ervin Pendleton.....	Vickery
Fredrick Frank Pomeranz.....	Pettisville
Terry Eugene Preston.....	Tipp City
Kenneth Robert Rider.....	Marion
Paul Dean Rohrer.....	Orrville
Ray Donald Ruhrmund, A.B. (Miami University).....	Cincinnati
William Ray Schenk.....	Clyde

* Also Bachelor of Science in Education, College of Education

Dwight Leonard Schmiesing.....	Fort Loramie
Bruce Allen Schneider.....	Lindsey
Edward Joseph Schober, Jr.....	Avon
Daniel David Spieldenner.....	Fremont
William Carl Stander.....	Mansfield
Hans Michael Stephan.....	Hamilton
Timothy Marshall Thornburg.....	Barnesville
Marvin Thomas Ulrich.....	Farmersville
George Charles Wahl.....	Castalia
Glen Carl Watson.....	Mansfield
Allan Carl Weilnau.....	Milan
Daniel James Weintraub.....	Toledo
Robert Lewis Willier.....	Maumee
Edward Joseph Winderl, Jr.....	Gahanna
John William Winger, Jr.....	Mansfield

Bachelor of Science in Dairy Technology

Four candidates

Arthur Melvin Beery.....	Rittman
Jack Carl Grosskopf.....	Burton
John Wells Schneider.....	Great River, N. Y.
James Franklin Shell.....	Mt. Sterling

Bachelor of Science in Food Technology

One candidate

Rodger Lee Rinebold.....	Fostoria
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School of Home Economics

Bachelor of Science in Home Economics

Twenty-one candidates

Carol Ann Basford.....	Columbus
Jane JoAnne Chinnici.....	Garden City, N. Y.
Linda Sue Converse.....	Leetonia
Carol Linda Curva.....	Beachwood
Carolyn Louise Grether.....	Columbus
Betty Joan Holder.....	Dublin
Lois Eileen Kelly.....	Carroll
Patricia Lynne Kohl.....	Columbus
Sharon Campbell LeVally.....	Columbus
Joann Elvira Mata.....	Steubenville
Marilyn Ruth Mensing.....	Toledo
Barbara Brown Nichols.....	Troy
Sylvia Juliette Pinciario.....	Steubenville
Virginia Pyles Pinkerton.....	Cedarville
Geraldine Elaine Rogers.....	Columbus
Linda Chapman Saling.....	Columbus
Carolyn Joyce Snyder.....	Lewisburg
Frances Ann White.....	Toledo
Jennie Lorine Wilkin.....	Hillsboro
Judith Ann Wilson.....	Columbus
Charlotte Ann Woodward.....	Norwalk

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

One hundred and nine candidates

Kim L. Anderson.....	Orrville
Dayle Lee Bailey.....	Columbus
Stephen Michael Baker.....	Columbus
Barbara Eleanor Bard.....	Bryan
Christopher Irving Beckwith.....	Cincinnati
Philip Stanley Boiarski.....	Cadiz
Joseph Robert Boyle.....	Columbus
Carolyn Sue Browning.....	Goshen
Charles Edwin Caldwell.....	Columbus
James Bruce Callen.....	Youngstown
JoAnne Victoria Chacko.....	Dayton
Romero Auturo Cherry.....	Columbus
Dennis Theodore Clark.....	Columbus
Joseph Carey Clark.....	Lima
Nina Taylor Cochran.....	Columbus
James Laurence Coe.....	Columbus
Leland Bernard Cohen.....	Columbus
Marguerite Mary Collette.....	Cleveland
Robert Lewis Conaway.....	Chillicothe
William Kirby Cook (summa cum laude).....	Chagrin Falls
Kenneth Lee Cox.....	Kaneohe, Hawaii
Edward Buckley Cummings (cum laude).....	Hinsdale, Ill.
Randall M. Dana.....	Painesville
James Alfred Darnell.....	Painesville
James Robert Dixon.....	Utica
David Anthony Drost.....	Findlay
William Richard Ealy.....	Van Wert
Harriet Ellen Fagin.....	Brooklyn, N. Y.
Gerald Thomas Faler.....	Columbus
Anna Louise Farlow.....	Springfield
Peter Owen Fay.....	Lyndhurst
Eve Prout Fetzek.....	Sarasota, Fla.
*Linda Susan Ford.....	Urbana
Michael Edwin Fulk.....	Canton
Carol Ann Funk.....	Wooster
Don Lee Galliers.....	Bryan
Thomas William Gerber.....	Columbus
John Ervin Goodemote, II.....	Fairborn
Timothy Chandler Griswold.....	Old Lyme, Conn.
John Bruce Grunden.....	Toledo
Barbara Joan Guise.....	Blacklick
Neil Joseph Hamadey.....	Parma
Melissa Phyllis Heffernan.....	Columbus
Betty Jane Hein.....	Nitro, W. Va.
Alfred Paul Hoadley.....	Napoleon
Joseph Eric Hoppes.....	Springfield
Ronald Richard Hussey.....	Reynoldsburg
Richard Edward Johnson.....	Urbancrest
Ronald Virgil Johnson.....	Columbus

* Also Bachelor of Science in Education, College of Education

Carol Ann Jones.....	Columbus
Susan Goodman Josephson.....	Columbus
George Richard Katosic.....	Euclid
Dale Kauffman.....	LaVale, Md.
Lawrence Floyd Klar.....	Berea
John Douglas Lankenau.....	Napoleon
David Edgar Leasure.....	Zanesville
Kay Rowan Livengood.....	Williamsburg
Nancy Brewer Luck.....	Columbus
James Sawyer Luckett.....	Columbus
Timothy Edward March.....	Dayton
Robert Michael Marshall.....	Columbus
Robert Rex Mathews.....	Hubbard
Donald Richard McGee.....	Worthington
Martha Evelyn Medley.....	Shelby
Loretta Hitchcock Miljanich.....	Lima
Allen Lee Miller.....	Marion
Ronald Michael Miller.....	Cleveland Heights
Julia Kathleen Morrow.....	Columbus
Clyde Winfield Mummert.....	Columbus
Lee Sylvan Nathans.....	Miami Beach, Fla.
Alexandra Maria Ninkovic.....	Parma
*Julie Lee Ogle.....	Columbus
William Steven Oiler.....	Columbus
Erich Pacht, B.Sc.....	Columbus
Annabel Page (summa cum laude and with Distinction in Speech)	Albany, N. Y.
Craig William Patton (summa cum laude).....	Columbus
Barbara Magdalen Pawlak.....	Cleveland
Kenneth Charles Petersen.....	Columbus
Stephen Phillip Porterfield.....	Gambier
Henry Price Prazar.....	Rochester, N. Y.
John Cletus Raitz.....	New Riegel
Robert Edward Rein.....	Niles
Sue Ellen Rife.....	Cedarville
Roxane Robbins.....	Columbus
Thomas A. Sampliner (cum laude).....	Cleveland
James Patrick Sears.....	Columbus
Robert Chaim Segall.....	Youngstown
*Robert Lee Silvey.....	Columbus
Arlene Elizabeth Smith.....	Copley
Philip Mallory Smith.....	Zanesville
Robert Norman Smyers.....	San Francisco, Calif.
Russell Binning Snow.....	Pittsburgh, Pa.
Maurice Joseph Solkov.....	Dayton
Sally Anne Sunderhaus.....	Lima
Michael Swartz.....	Elba, N. Y.
Terry Allan Tate.....	Kettering
Karen Keyes Taylor.....	Columbus
Ned Albert Thomas.....	Columbus
Brian John Tiboni.....	Brooklyn
Pryor Brown Timmons, Jr.....	Clarksburg
Harold William Treharne.....	Youngstown
Katherine Loretta Ullmer (cum laude).....	Dayton
David Browning Walker.....	Marion

* Also Bachelor of Science in Education, College of Education

Michael Jesse Watson.....	Columbus
Linda Lou Whittier.....	Columbus
*Pamela Marie Willard.....	Mason
Jean Elaine Williams.....	Columbus
Scarlett Williams.....	Waverly
Nancy Robin Wright.....	Schwenksville, Pa.

Bachelor of Science

Forty-nine candidates

William Martin Bodde.....	Vermilion
John Francis Brewster.....	Syracuse, N. Y.
Thomas Alfred Brubaker.....	Wadsworth
Daniel William Carlson.....	Berkely Heights, N. J.
James Paul Carpenter.....	Whippany, N. J.
James William Carroll.....	Youngstown
Robert Sutphen Chappellear.....	New Albany
Joseph William Clark.....	Gallipolis
Dwight Albert Cohagan.....	Columbus
Gilbert Joseph Cohen.....	Reynoldsburg
Donald Babcock Covert.....	Portsmouth
Patrick A. Curran.....	Grosse Pointe Woods, Mich.
Irving Allen Dean.....	Rocky River
Michael Lynn DeVault.....	East Liberty
Linda Norling Felver (summa cum laude and with Distinction in Chemistry).....	Columbus
Byron Cavin Floyd.....	Ann Arbor, Mich.
Nelson Stanley Ford.....	Mansfield
Glory Ann Fox.....	Kettering
William Lee Glover (cum laude).....	Twinsburg
Leonard Joel Goldstein.....	Poughkeepsie, N. Y.
Thomas John Gronck.....	Columbus
Susan Davidson Hahn.....	West Richfield
Mark Renick Hawks, Jr.....	Columbus
Nancy Rasche Herzog.....	Columbus
Douglas Alan Hicks.....	Columbus
John Taft Ingalls.....	Chagrin Falls
Keith Howard Johnson.....	South Euclid
Karl Konrad Kluss.....	New Milford
Barbara Eichler Mantz.....	Fairborn
Lawrence S. Mayer (cum laude and with Distinction in Psychology)	Columbus
Henry Paul Melet.....	Steubenville
Douglas E. Miller.....	Worthington
Michael John Orabella.....	Pepper Pike
Diane Elizabeth Popp.....	Columbus
Anne Purvis Price.....	Columbus
Francis Earl Reed, Jr.....	Lyndhurst
Dennis Eugene Reese.....	Fredericktown
Dennis O. Roark.....	Greenfield
Kern Gilland Rose.....	Columbus
Charles Danaus Sainopulos.....	Portsmouth
Alan Gary Schecter.....	University Heights
George Gerhard Sent.....	Lakewood
Kathy Davis Sherman.....	Caldwell
Rebecca Ann Shoher.....	Richland, Wash.
George Jorg Soehngen.....	Dayton

* Also Bachelor of Science in Education, College of Education

Ann Marie Stalder.....Nelsonville
Gail Louise Stanford.....Canton
Robert Howard Stroud.....Marion
Michael Lee Wilson.....Bucyrus

School of Journalism

Bachelor of Arts

Three candidates

Monique Adele Guinioux.....Wintersville
Michael Baxter Heymann.....Dayton
Robert Clark Ross.....Fairview Park

College of Biological Sciences

Associate Dean: John D. Briggs

Bachelor of Science

Thirty-three candidates

Charles Ernest Bentley.....	Marion
Geraldine Schmied Bentley.....	Midland
John David Bittner.....	Cincinnati
Meredith Gene Bond.....	Schenectady, N. Y.
George Frederick Brugger.....	Alliance
Stanley Michael Cichowicz.....	Lakewood
Michael Allen Clark.....	Columbus
Gary William Cole.....	Columbus
Mary Lynne Corn.....	Columbus
Dorothy Ann David.....	Akron
Ina Warner Ehrhart.....	Columbus
William Joseph Elkovitch.....	Auburn, N. Y.
Thomas William Faessler.....	Kew Gardens, N. Y.
George Patrick Fitzgerald.....	Springfield
James Edward Frounfelter.....	Stow
Nancy Jeanne Fusco.....	Columbus
Douglas Ercil Hartman.....	Columbus
William Arlington Hendrickson, III.....	North Scituate, Mass.
Kathy Davis Huber.....	Cleveland Heights
Allen Maurice Jones.....	Louisville, Ky.
Thomas James Kraner.....	Carroll
Karen Lee Marr.....	Ashland
Darrell Stollar Mechling.....	St. Clairsville
William Fredrick Partridge.....	Akron
Robert Donald Searles, Jr.....	North Olmsted
Thomas William Smith (summa cum laude).....	Columbus
William Parks Taylor, Jr.....	Warren
Willard Sidney Titus, III.....	North Canton
Louise Van Vliet.....	Staatsburg, N. Y.
Douglas Carl Vonderheid.....	Dayton
Steven Echols Watts.....	Euclid
Feurdnant Sebastian Weber, III.....	Columbus
John Lawrence Zumrick, Jr.....	Youngstown

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration *One hundred and seven candidates*

Gary Edward Atwell.....	Butler, Pa.
John Michael August.....	Bedford
John Daniel Bartlett.....	McDermott
Thomas Lee Beal.....	Columbus
William Thomas Bing.....	Barberton
Robert Earl Blayney.....	Columbus
Richard Holl Brandt.....	Logan
Richard Joseph Brannigan.....	Columbus
John Edward Bubanich.....	Niles
Michael Alvin Busse.....	Fort Loramie
Brian Edward Chase.....	Lakewood
Robert Crabb.....	Lima
Dennis Morrelle Davis.....	North Randall
Alan Bruce Deming.....	Fairview Park
Richard Ward Deuble.....	Vermilion
Douglas Maurice deVlaming.....	Amityville, N. Y.
Michael Ensign Doane.....	Columbus
Francoise Helen Duchene.....	Lancaster
Charles Roland Earick.....	Bellefontaine
Stephen Mark Egelhoff.....	Columbus
David Gruber Ehret.....	Willoughby
Stephen Richard Elling.....	Akron
Joseph Robert Fetsko, Jr.....	Fairborn
Bruce Douglas Findlay.....	Columbus
Charles Corey Freidenberg.....	Columbus
Thomas Richard Fritz.....	Birmingham, Mich.
Virginia Moore Frye.....	Akron
Leslie Stephen Gaskins.....	Annandale, Va.
August Allen George.....	Kettering
John Edward Giesy.....	Columbus
Hugh Elmer Gray.....	Beverly
Donald Fredrick Greene.....	Columbus
Frederick Otis Greene.....	Columbus
Robert Kinsley Gump.....	Trotwood
James Alvin Hall.....	Willowick
Donald Carlos Hamner, Jr.....	Eldorado
Richard Stephen Harte.....	Columbus
Frederick Norbert Hartings.....	Columbus
Barry Norman Hartman.....	Columbus
Jon Alan Haught.....	Columbus
John Raymond Heckman.....	Bradner
Joseph William Heineman.....	Butler, Pa.
Robert Thomas Howlett, Jr.....	Bay Village
John Michael Hurst.....	Toledo
Joseph Michael Imber.....	Delphos
John Merrill Jones.....	Columbus
Richard Lee Jones.....	Painesville
Gary Howard Kaine.....	Lakewood
Gerald Arthur Kaufman.....	Sandusky
John Mervyn Kauh1.....	Warrensville Heights

James Ray Kennedy.....Portsmouth
 Paul Edgar Kiebler.....Burton
 Kenneth Robert Krieg.....Columbus
 William James Lasko.....Toledo
 Roy Edgar Leasure, Jr.....Bellefontaine
 Larry Phillip Lieberman.....Columbus
 Benjamin Kent Lindsley.....Huron
 Joseph Alan Lofton.....Akron
 Thomas Francis Lynch, Jr.....Zanesville
 Betserai Willie Madzivire.....Gutu, Rhodesia
 William Dale Marshall.....Franklin, Pa.
 Dix Edward Martin.....Fort Lauderdale, Fla.
 Thomas Vincent Maxwell.....Columbus
 John Ralph McCollum.....Newark
 Scott Robert McIlrath.....Columbus
 John Merrell McNamara.....Marion
 Brian Keith Meginnis.....Columbus
 Mebrate Mengistu.....Addis Ababa, Ethiopia
 Kathryn Salzman Merrell.....Bryan
 Thomas Henry Minch.....Mansfield
 Kathy Jean Mitchell.....Poland
 Donald John Morton.....Shaker Heights
 Richard Lee Musser.....Canton
 Rita Marie Nelson.....Massillon
 Roger Elmer Ohnsman.....Milford Center
 John William O'Neil.....Mt. Vernon
 John Thomas O'Shields.....Wheeling, W. Va.
 Thomas Eugene Overmier.....Oregon
 John William Packard, Jr.....Columbus
 William Samuel Parson.....Paulding
 Norman Robert Pierce.....Lakewood
 Douglas Ladd Pirro.....Willowick
 Irving Harvey Post.....Cleveland
 Thomas Richard Reid.....Galion
 Paul Kenneth Robertson.....Newark
 James Rex Robison, Jr.....Kettering
 Lloyd Michael Routman.....Cleveland Heights
 Charles Saunders, Jr.....Columbus
 David Alan Schluer.....Columbus
 Karl Fredrick Schmitt.....Chardon
 Jack Lee Sharp.....Springfield
 Jack Joseph Skryanc.....Cleveland
 Joseph Peter Smith.....Bridgeport
 Noble Burdell Snow, III.....Newark
 Robert Fredric Snyder.....Miamisburg
 Donald Fredrick Spain.....Shaker Heights
 James Arthur Stentz.....Massillon
 Joseph Douglas Thomas.....Columbus
 Norman Dean Thorp.....Pioneer
 Terry Anne Tripp.....Columbus
 Douglas Claydon Van Horn.....Columbus
 Gary Joseph Vigneau.....Brooklyn
 Robert Leslie Walden.....Middletown
 Michael David Wilson.....Mentor
 John Charles Witzel.....Upper Sandusky
 Jack Douglas Wyatt.....Piqua
 Woodrow Cyrus Young.....Columbus

School of Social Work

Bachelor of Science in Social Welfare

Eight candidates

Marilyn Beth Harrison.....	Columbus
Ellen Lee Hawkins.....	Cincinnati
Mary Wilson Hiland.....	Cincinnati
Barbara Elaine Hirsch.....	Cleveland Heights
James Ellis Lantz.....	Columbus
Joseph Russell Stambaugh.....	Medina
Barbara Ann Wallace.....	Dayton
David Warren Yingling.....	Mansfield

College of Education

Dean: *Luvern L. Cunningham*

Bachelor of Science in Education

One hundred and seventy-nine candidates

Kay Ann Adams.....	Pataskala
Mary Bacon Alexander, B.Sc. in Bus.Adm.....	Columbus
Barbara Renard Anzuini.....	Mansfield
Nancy Rothermich Baesman.....	Columbus
Kathleen Ruth Bamberger.....	Wooster
Barbara Ann Bandler.....	Shaker Heights
Judith Ann Bartlett.....	Akron
Dawn McCloud Bennett.....	Cambridge
Karen Sue Berger.....	Columbus
Cathy Ellen Berke.....	Shaker Heights
Sheila Hope Berloff.....	Akron
Andrea Elaine Berman.....	Shaker Heights
Diane Lee Bernbaum.....	Haddonfield, N. J.
Virginia Lee Bevier.....	Sandusky
Helen Elizabeth Bihl.....	Washington C. H.
Patricia Fitzer Bolin.....	Columbus
James Edward Boos.....	Huron
Verda Henry Borchers.....	Delaware
Richard Clarke Bowers.....	Columbus
Gene Edward Bowman.....	Lexington
Paula Elaine Boyer.....	Enon
Diane Jones Brandstetter.....	Cleveland
MaryAnn Ida Braun.....	Anna
Donald Kurtz Browne.....	Columbus
Garrett Charles Brusco.....	Newark
Jean Heitchue Burkhalter.....	Columbus
Ora Ann Hurley Burks.....	Columbus
Bonnie Baker Burnside.....	Marysville
Cynthia June Burton, B.A.....	Cincinnati
Ann Ackerman Cameron.....	London
Linda Kay Cessna.....	Cadiz
Alice Kubalek Chaffin.....	Columbus
Francine Lee Cohodas.....	Youngstown
Patricia Ann Cole.....	Cincinnati
*Rhea Kathleen Copening.....	Worthington
Jonathan Lee Cox.....	Lima
Rebecca June Crawford.....	Columbus
Francis Aloysius Csubak.....	Lorain
Carol Lee Culp.....	Norwalk
Joan Anita Cummins.....	Springfield
Jane Evans Curren.....	Bay Village
Fey Li Davis.....	University Heights
Gregory Alan Davis.....	Columbus
Mara Jean Devassie (summa cum laude).....	Columbus
Louis William DiDonato.....	Alliance
Margaret Elizabeth Diehm.....	Norman, Okla.
Anita Contizano Dove.....	Ostrander
Mary Cecilia Downey.....	Napoleon
Julia Ellen Drake.....	Columbus
Marlene Sue Dworkin.....	London

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

Sue Ann Espenschied.....New Philadelphia
 *Linda Susan Ford.....Urbana
 Linda Harder Foster.....Columbus
 Linda Bennett Galan.....Cleveland
 Frances Josephine Gfrer.....Mansfield
 Steven Paul Gibb.....Marion
 Marcia Anne Gibbins.....Camden
 Judith Ann Gitzinger.....Dayton
 Julie Mayer Gore.....Canton
 Cheryl Raye Green.....Canton
 Carol Ann Greif.....Highland Park, N. J.
 Marlene Kay Griswold.....Dayton
 Melvin Dennis Grossman.....Toledo
 Barbara Recobs Hall.....Columbus
 Edwin Earl Hall.....West Alexandria
 John William Hammel.....Columbus
 Linda Olivia Harrison.....Miamisburg
 Michael Earl Harvin.....Columbus
 Carol Ellen Hazard.....Columbus
 Sharon Marsha Heltzer.....Columbus
 Cathryn Clancy Hill.....Worthington
 James Carroll Hogg.....Toledo
 Virginia Lee Homer.....Wooster
 Lynn Kay Howell.....Dayton
 Linda Kay Huffman.....Dellroy
 Mary Elizabeth Immell.....Chillicothe
 Gail Kathy Johnson.....Parma Heights
 Karen Ann Johnson.....Columbia Station
 Lewis Hershel Johnson.....Columbus
 Gregory Scott Jones.....Euclid
 Susan Leibrock Jones (cum laude).....Mentor
 Barbara Arthur Kadunc.....East Palestine
 Cheryl Ruth Katz.....Cleveland
 Martha Kennedy.....Cleveland
 Sharon Jane Kirk.....Kettering
 Barbara Lynn Klausung.....Leipsic
 Patricia McGuinn Kline.....Columbus
 Barbara Vandemark Kortier.....Bay Village
 Linda Lee Krinn.....Columbus
 Susan Lamorelle.....Virginia Beach, Va.
 Linda Rae Lange.....Springfield
 Dallas Wayne Lehman.....Orrville
 Linda Ethel Lerner.....Lexington, Ky.
 Janie Jo Lewis.....Columbus
 Michael John Liptak.....Cleveland
 Leslee Diann Litt.....Warren
 Lucille Prehoda Logan.....Akron
 Donna Agee Lucas.....Hamilton
 Susan Elizabeth Macklin.....Columbus
 George Nicholas Madden.....Frazeytsburg
 John Edward Malin.....Columbus
 Myrna Sylvia Marcus.....Savannah, Ga.
 Nancy Cheryl Marks.....Canton
 Andrea Holden Marsh.....University Heights
 Cheryl Teague Martin.....Dayton

* Also Bachelor of Arts, College of Arts and Sciences

Joanna Lee McGinnis.....	Columbus
Susan Gail McGraw.....	Dayton
Kenneth Eugene McNutt, Jr.....	Findlay
Mary Melick Meyers, B.Sc. in Bus.Adm.....	Columbus
Linda Martin Miller.....	Seville
Joann Mullen.....	Shaker Heights
Jean Ann Oakes.....	Coshocton
*Julie Lee Ogle.....	Columbus
Margery Ellen Ozias.....	Maplewood, N. J.
Kay Louise Pattison.....	Columbus
Anthony Mario Piccioni.....	Lawrence, Pa.
George Loraine Place, Jr.....	Carrollton
Nancy Virginia Pleska.....	Xenia
Rita Jane Plotle (summa cum laude).....	Warren
Donald Lee Podobnikar.....	Euclid
Susan Miriam Pope.....	Rittman
Linda Lee Potter.....	Geneva
Mary Jane Pumpfrey.....	Columbus
Martha Ann Quayle.....	Twinsburg
Linda Davis Ralph.....	Columbus
Merle Emory Redmond.....	San Diego, Calif.
Mary Ann Reinhard.....	Bucyrus
Linda Ruth Riskin.....	Indianapolis, Ind.
Judith Jean Rockhold.....	Columbus
Patricia Holley Rohrer.....	Columbus
James Edwin Ross.....	Columbus
Patricia Elizabeth Ruhe.....	Ottawa
Patty Ann Rutherford.....	Columbus
Susan Joy Sachse (cum laude).....	University Heights
Carol Rita Schaub.....	Toledo
Edith Goldman Scheel.....	Grove City
Robert Frederick Schleppe.....	Columbus
Karen Lynn Schmitt.....	Waverly
Kathleen Sue Schonmeyer.....	Cleveland
Lynn Ellen Semrau.....	North Canton
Roberta Jane Shanholtz.....	Wilmington
Marilyn Adele Shapero.....	South Euclid
Pamela Light Sharni.....	Columbus
Sandra Elizabeth Sheffey.....	Columbus
Lee St. John Shillito.....	Columbus
Ellen Shellhorn Sieder.....	Marion
*Robert Lee Silvey.....	Columbus
Anne Simmons Sneary, B.F.A.....	Delaware
Richard Louis Spoonster.....	Barberton
Karen Richards Stailey.....	Columbus
Rebecca Sue Staley.....	Lima
Karl Heinz Stechele.....	Cleveland
Kathleen Gibbons Stephens.....	Seven Hills
Veronica Lee Sternecker.....	Columbus
Margaret Anne Sterner (summa cum laude).....	Indianapolis, Ind.
Bonnie McEntire Street.....	Columbus
Barbara Ann Suder.....	Cincinnati
Gary Ronald Taylor.....	Hilliard
Karen Marie Taylor.....	Mansfield
Sharon Ann Thiemann.....	Cincinnati
Betty Jean Thomas.....	Amanda

* Also Bachelor of Arts, College of Arts and Sciences

Mary Fast Thompson.....	Columbus
Mary Lynn Trego.....	Grove City
Harry Maurice Truax, B.A. (Saint Charles Borromeo Seminary, Wickliffe)	Cleveland
Benjamin Franklin Vetter, Jr.....	Campbell, N. Y.
Judy Ann Wagner.....	Steubenville
Barbra Gayle Waingar.....	Akron
Winifred Gamber Waite.....	Chesterville
Janis Senseman Watson.....	Dayton
*Pamela Marie Willard.....	Mason
Judith Ann Wilson.....	New Straitsville
David Warren Wilt.....	Lima
Carol Boeke Wroblewski.....	Columbus
Linda Beth Young.....	Cleveland Heights
Marcia Dunn Young.....	Youngstown
James Smith Zehner.....	Pittsburgh, Pa.
Jane Marie Zimmerman.....	Wellington
Richard Joseph Zitto.....	Lisbon
Fred Richard Zupancic, B.A.....	Euclid

Bachelor of Fine Arts

Fourteen candidates

Kristin Eleanor Augustine.....	Bellefontaine
Brian Christopher Baby.....	Worthington
Claire Witmer Brandow.....	Woodville
Leonard Rider Brice.....	Shaker Heights
Michael Dwight Covell.....	Delaware
Sandra Hill Johnson.....	Washington C. H.
Joseph Paul Jordan.....	Columbus
Mary Anne Kavanaugh.....	Columbus
Lynn Kiracofe.....	Mt. Vernon
Wilbert Raymond Martin.....	Norris City, Ill.
Kathleen Ann McAuley.....	Toledo
Marjorie Kathleen Nemeth.....	Chagrin Falls
Paul Palnik.....	Cleveland Heights
Myrwood Barton Sutton.....	New Philadelphia

* Also Bachelor of Arts, College of Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Bachelor of Agricultural Engineering

One candidate

*Dennis Paul Stombaugh..... Bryan

Bachelor of Ceramic Engineering

Two candidates

Hudson Gerard Jayne..... Chillicothe

David Lynn Sheets..... Gallipolis

Bachelor of Civil Engineering

Ten candidates

Neil Clark Babb..... London

*James Russell Bailey (cum laude)..... New Philadelphia

George Louis Butzer..... Eastlake

Charles Harold Hilsmann..... Columbus

William Robert Miller..... Port Jefferson, N. Y.

Richard Roy Rector..... Columbus

Paul Wesley Simmons (cum laude)..... Columbus

Floyd Emerson Wicks..... Warren

Richard Lyle Williams..... Westerville

Robert George Wojtas..... Cleveland

Bachelor of Electrical Engineering

Seven candidates

Harley Richard Beatty..... Mingo Junction

Eugene Vincent Brinkman..... Lima

*Walter Dennis Burnside (summa cum laude)..... Niles

Rudolph Lyles..... Columbus

Rex Ralph Rickly..... Lakeville

Edward Eugene Tablett..... Fredericktown

*Eugene Ralph Wertz..... Tiffin

Bachelor of Industrial Engineering

Three candidates

James Keith Anderson..... Columbus

Mehmet Ruknet Cezzar..... Kemaliye, Turkey

John Paul Connelly..... Elmira, N. Y.

Bachelor of Mechanical Engineering

Four candidates

William Probert Davis..... Gnadenhutten

Richard Allen McGinnis..... Tiffin

Rex Eugene Ritchie..... Van Wert

David Willard Robinson..... Lakewood

* Also Master of Science, Graduate School

Bachelor of Metallurgical Engineering

Five candidates

Larry Wayne Cupp.....Laurelville
Stephen Donald Foster.....Dallas, Tex.
David Clinton Langstaff.....Lima
Michael Allan Thurston.....Columbus
Thomas Andrew Wiktorowski.....Garfield Heights

Bachelor of Science in Physics

One candidate

Phillip Michael Hoskins.....Conneaut

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Professions

Bachelor of Science in Medical Illustration

One candidate

Eleanor Wood McFarland.....Wyncote, Pa.

Bachelor of Science in Medical Technology

Eight candidates

Jean Rintamaa Barbour.....Ashtabula
Nancy Louise Basnik.....Fairview Park
Marylou Helt Hill.....Leetonia
Jerry Glenn Kilgore.....Lima
Judith Ann Mitchell.....Columbus
Mary Margaret Webb Mudrak.....Bay Village
Paul Novak.....Larchmont, N. Y.
Judith Ann Rader.....Niles

Bachelor of Science in Occupational Therapy

Seven candidates

Barbara Ann Cemashko.....Gahanna
Marilyn Ann Groves.....Cincinnati
Carol Mezzacappa Lasko.....Mentor
Barbara Jean Miller.....Worthington
Nancy Jean Oetting.....Rocky River
Jane Louise Sayre.....Springfield
Carole Lee Weil.....Dayton

Certificate of Nurse Anesthetist

One candidate

Jean Isabella Marshall, B.Sc. in Nurs.....Newcomerstown

School of Nursing

Bachelor of Science in Nursing

Thirteen candidates

Sheryl Marie Amos.....South Whitley, Ind.
Mary Alice Birmingham.....Brooklyn
Katherine Beardslee Dickie.....Wheeling, W. Va.
Lorena Frances Downs.....Sunbury, Pa.
Ethel Maxine French.....Coshocton
Pamela Ann Gregg.....Dayton
Bette Furuki Idemoto.....Cleveland
Helena Cleber Karn.....Parma
Mary Ann Sovich Keylor.....Euclid
Patricia Diane Knight.....Columbus
Nancy Ann Pierce.....East Canton
Carolyn Jane Thornhill.....Winter Haven, Fla.
Elizabeth Ann Yetzer.....Shelby

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Three candidates

Ronald Mack Beal, B.Sc., B.Sc. in Opt.....	Lancaster
Marvin Lee Pflaumer, B.Sc., B.Sc. in Opt.....	Fairborn
Robert Dale Strohl, B.Sc. in Opt.....	Columbus

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Three candidates

Charles Dwight Braswell.....	Barberton
Joanne Kallal Shade.....	Blacklick
Neil Pastor Shnider.....	Columbus

Candidates for Two Degrees

James Russell Bailey.....New Philadelphia
Master of Science
Bachelor of Civil Engineering (cum laude)

Walter Dennis Burnside.....Niles
Master of Science
Bachelor of Electrical Engineering (summa cum laude)

Rhea Kathleen Copening.....Worthington
Bachelor of Science in Agriculture
Bachelor of Science in Education

Linda Susan Ford.....Urbana
Bachelor of Arts
Bachelor of Science in Education

Julie Lee Ogle.....Columbus
Bachelor of Arts
Bachelor of Science in Education

Robert Lee Silvey.....Columbus
Bachelor of Arts
Bachelor of Science in Education

Dennis Paul Stombaugh.....Bryan
Master of Science
Bachelor of Agricultural Engineering

Eugene Ralph Wertz.....Tiffin
Master of Science
Bachelor of Electrical Engineering

Pamela Marie Willard.....Mason
Bachelor of Arts
Bachelor of Science in Education

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 11, 1968

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

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, and William C. Safford.

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Minutes of the last meeting were approved.

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April 11, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

The 1967 Annual Report for The Ohio State University Research Foundation was distributed to each member of the Board of Trustees, and the Secretary was instructed to file a copy of the report with the official records of the Board.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendments to Rules for the University Faculty
(53.0701, 53.0702, 53.0703, 29.2709, and 54.07)

For the past two years, the Constitution of the Undergraduate Student Body has been under study and careful review by the Council on Student Affairs and the Faculty Council. Upon the recommendation of the University Committee on Rules, the Faculty Council at its meeting on March 12, 1968, approved the following amendments to the Rules for the University Faculty to bring them in accord with the newly adopted Constitution of the Undergraduate Student Body.

President Fawcett recommended therefore:

1. That the amended Section 53.07 of the Rules for the University Faculty as recorded in Appendix VI, page 587, be adopted.
2. That Rule 29.2709 of the Rules for the University Faculty be amended to substitute "Student Assembly" where "Student Senate" now appears in the Rules and that Section 5 be deleted and Section 6 be renumbered as Section 5.
3. That Rule 54.07 be deleted since it is no longer applicable.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, 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.

B. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Clarence Christian Keller

Pursuant to the procedures established by the Board of Trustees on June 28, 1930, the faculty of the College of Engineering has nominated Clarence Christian Keller, President of Holophane Company, Inc., New York City, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at a subsequent commencement.

April 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Clarence Christian Keller (continued)

President Fawcett recommended that this nomination be approved by the Board of Trustees.

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

C. Naming of Street

President Fawcett recommended that the access drive from Route 95 to the parking lot, Marion Branch Campus, be named "University Drive," as proposed by the Advisory Board for the Marion Branch of The Ohio State University. The recommendation has the approval of Dean Richard H. Zimmerman, University College.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

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

D. Amendments to Memorandum of Agreement Between The Ohio State University and The Ohio State University Research Foundation

The United States Department of Health, Education, and Welfare has requested that the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation be amended to clarify the legal obligation of the Research Foundation to return to the University all applicable indirect costs recovered from sponsors of research grants and contracts.

President Fawcett recommended therefore, with the concurrence of the Executive Committee of The Ohio State University Research Foundation and the special counsel of the Attorney General of Ohio, that the said Memorandum of Agreement be amended as detailed in Appendix VII, page 591.

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

E. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1966-67 has been received. The report indicates the books and records of The Ohio State University are in excellent condition and that all accounts are in order.

President Fawcett recommended that the receipt of the Annual Report of the Auditor of State be noted in the minutes of this meeting and that it be filed with the official documents of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

April 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degrees - Amendment to Rule 11.05, Responsibility and Authority of the President

Upon the recommendation of the Faculty Advisory Committee to the President and the Board of Trustees, the Faculty Council on March 12, 1968, approved the following amendment to Rule 11.05 of the Rules for the University Faculty:

After consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the President may recommend to the Board of Trustees candidates for honorary degrees. The number of candidates so recommended shall be limited to two per calendar year. This right and its limitation in no way abrogates the power of the Faculty Council to recommend candidates for honorary degrees (Rule 29.15.d).

The above new entry is to be numbered "Section 3" and the section now going by that number is to be designated "Section 4."

The above action of the Faculty Council to amend Rule 11.05 was presented to the Board of Trustees with the recommendation that it be adopted.

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

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the March 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 Change in Administrative Responsibility, Leave of Absence With Salary, and Leave of Absence Without Salary:

A. Change in Administrative Responsibility

John D. Briggs changed from Associate Dean, College of Biological Sciences, to Acting Dean, College of Biological Sciences, effective April 1, 1968, at a salary of \$20,868.00 per annum. Dr. Briggs will continue to hold the academic rank of Professor in the College of Biological Sciences.

B. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

April 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leave of Absence With Salary (continued)

Kenneth S. Rinehart, Assistant Professor (Area Extension Agent, Dairy), effective April 1, 1968 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

C. Leave of Absence Without Salary

Georgia Gwinner, Instructor, Department of Medicine, effective April 1, 1968 through June 30, 1968, for personal reasons.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the Change in Administrative Responsibility, Leave 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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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 September 5, 1950, 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, National Institutes of Health - Dental Research, Bethesda, Maryland, Varied Posterior Occlusions (to be known as National Institutes of Health Project No. 907-H - Ext. #8 - College of Dentistry).
Gross Value - \$10,538.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Disease Prevention and Environmental Control, Washington, D. C., Significance of Spore-Forming Microorganisms in Milk (to be known as National Institutes of Health Project No. 1046-H - Ext. #8 - Department of Dairy Technology).
Gross Value - \$26,553.00.
- a3. 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-H - Ext. #8 - Department of Medicine).
Gross Value - \$31,480.00.

April 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)

- a4. National Aeronautics and Space Administration, Washington, D. C., Biological Effects of Prolonged Exposure of Animals to Unusual Gaseous Environments (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #4 - Department of Physiology).
Gross Value - \$31,986.00.
- a5. 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-B - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$42,167.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164-B - Ext. #2 - College of Biological Sciences).
Gross Value - \$22,917.00.
- a7. Electronics Systems Division, Air Force Systems Command, Bedford, Massachusetts, Asymptotic High Frequency Methods (to be known as Electronics Systems Division Project No. 2183 - Mod. #3 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Bureau of Disease Prevention and Environmental Control, Washington, D. C., Graduate Training Program in Medical Technology (to be known as National Institutes of Health Project No. 2230-B - Ext. #2 - Department of Pathology).
Gross Value - \$42,650.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Neurological Diseases and Blindness, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310-A - Amend. #1 - Department of Pharmacology).
Gross Value - \$10,487.00.
- a10. 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-A - Mod. #1 - Department of Chemical Engineering).
Gross Value - \$14,913.00.

April 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)

- a11. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Social Studies Curriculum Development Project in the Development and Testing of Instructional Materials, Teaching Guides, and Content Units on the History and Culture of Sub-Saharan Africa for Use at Selected Grade Levels in Secondary Schools (to be known as Office of Education Project No. 2405 - Amend. #1 - College of Education).
Gross Value - \$67,810.00.
- a12. Aeronautical Systems Division, Air Force Systems Command, WPAFB, Ohio, Research on Materials and Associated Problems (to be known as Aeronautical Systems Division Project No. 2414 - Amend. #5 - Research Foundation Internal Supervision).
Gross Value - \$16,598.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437-A - Mod. #1 - College of Biological Sciences).
Gross Value - \$23,704.00.
- a14. Systems Engineering Group, Aeronautical Systems Division, WPAFB, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #4 - Research Foundation Internal Supervision).
Gross Value - \$170,000.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Environmental Health, Bethesda, Maryland, Mercaptocyclopropylamines: Radiation Protection Agents (to be known as National Institutes of Health Project No. 2460-A - Ed. #1 - College of Pharmacy).
Gross Value - \$11,285.00.
- a16. Department of Health, Education, and Welfare, Public Health Service, National Center for Chronic Disease Control, Arlington, Virginia, Primary Prevention of Coronary Heart Disease (to be known as National Center for Chronic Disease Control Project No. 2511 - Amend. #1 - Department of Preventive Medicine).
Gross Value - \$96,671.00.

April 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)

- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Studies of Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529-A - Ext. #1 - Department of Medicine).
Gross Value - \$26,712.00.
- a18. National Science Foundation, Washington, D. C., Studies in Polar Glaciology (to be known as National Science Foundation Project No. 2574 - New - Institute of Polar Studies).
Gross Value - \$2,900.00.
- a19. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Tuneable Oscillator (to be known as Aeronautical Systems Division, Air Force Systems Command Project No. 2586 - New - Department of Electrical Engineering).
Gross Value - \$90,000.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Role of Biliary Phospholipids in Gallstone Formation (to be known as National Institutes of Health Project No. 2599 - New - Department of Surgery).
Gross Value - \$14,429.00.
- a21. U. S. Department of Labor, Office of Manpower, Policy, Evaluation and Research, 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 Office of Manpower, Policy, Evaluation and Research Project No. 2600 - New - Department of Economics).
Gross Value - \$141,735.00.
- a22. 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 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$15,000.00.

April 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)

- a23. USAF, Rome Air Development Center, Griffiss Air Force Base
New York, Analysis of Sandwich Material (to be known as Rome
Air Development Center Project No. 2602 - New - Department of
Mechanical Engineering).
Gross Value - \$18,044.00.

TOTAL - Government Contracts - Federal \$953,579.00

2. Industrial and Other Contracts

- a1. American Heart Association, Inc., New York, New York, Com-
partmentation of Heart Mitochondria (to be known as American
Heart Association, Inc. Project No. 2234-B - Ext. #2 - Department
of Physiological Chemistry).
Gross Value - \$12,705.00.
- a2. American Heart Association, Inc., New York, New York, Diastolic
Retrograde Myocardial Perfusion During Coronary Occlusion (to
be known as American Heart Association, Inc. Project No. 2418-A -
Ext. #1 - Department of Surgery).
Gross Value - \$11,330.00.
- a3. American Heart Association, Inc., New York, New York, Integrated
Study of the Coronary System in Intact Dogs (to be known as Ameri-
can Heart Association, Inc. Project No. 2422-A - Ext. #1 - Depart-
ment of Physiology).
Gross Value - \$12,485.00.
- a4. American Heart Association, Inc., New York, New York, Intra-
Hepatic Control of Arterial and Portal Inflow to the Liver (to be
known as American Heart Association, Inc. Project No. 2491-A -
Ext. #1 - Department of Physiology).
Gross Value - \$9,515.00.
- a5. Heart Association of Eastern Ohio, Youngstown, Ohio, and North-
western Ohio Heart Association, Toledo, Ohio, Pathology of
Spontaneous and Experimental Canine Cardiac Hypertrophy and
Congestive Heart Failure (to be known as Heart Association of
Eastern Ohio and Northwestern Ohio Heart Association Project No.
2570 - Mod. #1 - Department of Veterinary Pathology).
Gross Value - \$1,101.75.
- a6. Babcock and Wilcox, Atomic Energy Commission, Lynchburg,
Virginia, Metallurgical Examination of Type 304 Stainless Cladding
(to be known as Babcock and Wilcox Project No. 2596 - New -
Department of Metallurgical Engineering).
Gross Value - \$65,176.00.

April 11, 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)

- a7. Northwestern Ohio Heart Association, Toledo, Ohio, Local Control of Hepatic Arterial and Portal Venous Blood Flow as Studied in a Completely Ex Vivo Perfused Liver Preparation (to be known as Northwestern Ohio Heart Association Project No. 2597 - New - Department of Physiology).
Gross Value - \$4,168.00.
- a8. Northwestern Ohio Heart Association, Toledo, Ohio, A Study of Stress Relaxation and Myocardial Contraction (to be known as Northwestern Ohio Heart Association Project No. 2598 - New - Department of Physiology).
Gross Value - \$4,226.25.
- a9. National Academy of Engineering, Washington, D. C., A Study of and a Proposed Program for the Effective Interplay of Engineering With Biology and Medicine in a Local Community (to be known as National Academy of Engineering Project No. 2603 - New - Department of Electrical Engineering).
Gross Value - \$21,282.00.

TOTAL - Industrial and Other Contracts \$141,989.00

The foregoing thirty-two contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,095,568.00.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, 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 February 28, 1968 through March 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 record:

1. Government Research Contracts

EES 311X Effect of Signal Spacing on Platoon Dispersion, Ohio
Department of Highways, Columbus, Ohio.
Gross Value - \$9,000.00.

April 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 312X	Investigation of the Influence of Subsurface Slip Features on the Slope Stability of Some Residual Clay Soils of Southeastern Ohio, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$15,000.00.
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The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$24,000.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 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. \$430,000.00 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 July 1, 1968 through December 31, 1968.
2. \$325,500.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a Health Professions Educational Improvement Program, under the direction of the College of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 CH 1004-03)
3. \$325,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a Health Professions Educational Improvement Program, under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 CH 1106-03)
4. \$320,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for Educational Opportunity Grants Program, for the period July 1, 1968 through June 30, 1969.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$114,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a 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. 5 T02 CH 1165-03)
6. \$103,684.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 GM01539-03)
7. \$67,618.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Pharmacology," under the direction of the Department of Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 GM01417-04)
8. \$54,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Curriculum Development in Industrial Arts for Elementary School Programs," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080410-2117 075)
9. \$49,933.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Visual Arts - Arts and Humanities," under the direction of the School of Art, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080711-2091 024)
10. \$25,490.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a Research Career Development Award entitled "Energy Conversion in Primary Bio-Photoprocesses," under the direction of the Department of Physics, for the period April 1, 1968 through March 31, 1969. (Grant No. 5 K03 GM21946-05)
11. \$25,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Faculty Development Program" as authorized under Title VI-B of the Higher Education Act of 1965, for the period July 1, 1968 through June 30, 1969. (Project No. 8/2046)

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. \$3,700.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for a "Summer Workshop - Vocational Teacher Education in Business and Office Education," under the direction of the College of Education.

TOTAL - Through the Office of Business and Finance \$1,843,925.00

B. Received Through The Ohio State University Development Fund

1. \$15,540.00 from Bell Telephone Laboratories for the Bell Telephone Teaching and Research Fund.
2. \$11,008.00 from The Ohio Nurserymen's Association, Inc., and alumni and friends of the University for the establishment of the L. C. Chadwick Research Fund.

L. C. Chadwick Research Fund

The L. C. Chadwick Research Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Ohio Nurserymen's Association, Inc., and alumni and friends of the University, to honor Lewis C. Chadwick, Professor Emeritus, Department of Horticulture and Forestry.

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. Income is to be used annually in support of any research needs in the general field of landscape horticulture with preference being given to the support of a research assistantship in this or a closely related subject matter field.

Should the need for this research effort cease to exist, or so diminish as to provide unused income, or should emphasis in the general field of landscape horticulture at The Ohio State University cease to exist, 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 Ohio State University with emphasis insofar as possible in the general field of landscape horticulture research.

3. \$10,967.40 in securities from George T. Wright for the establishment of the Wright Memorial Steel Castings Educational Fund.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. The Wright Memorial Steel Castings Educational Fund

The Wright Memorial Steel Castings Educational Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from George T. Wright, B. I. E. '32, Cleveland, Ohio, in memory of his father and mother, Frank G. and Christine M. Wright, and his brother, Walter F. Wright.

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 by the Department of Metallurgical Engineering to apply toward payment of University tuition and fees for a student and/or support costs incurred in the research and preparation of a thesis by a senior or a graduate student of the Department, whose study or research concerns problems related to steel castings or related to the steel castings industry.

Should the need for this income cease to exist or so diminish as to provide unused income, through any reorganization of the University, then the income may be used at the discretion of the Board of Trustees for any purpose whatsoever, with preference being given to recommendations from the appropriate administrative official of the University who is directly responsible for student study or research in steel castings problems.

4. \$7,500.00 from the Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York--\$3,750.00 for the Emmet Blakeney Gleason Scholarship Fund and \$3,750.00 as an unrestricted gift to the College of Engineering.
5. \$6,750.00 from Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
6. \$6,000.00 from The John and Mary R. Markle Foundation for investigation of the Mechanism of Hypertension Fund in the College of Medicine.
7. \$5,850.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
8. \$5,289.00 from Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
9. \$5,000.00 from Ferro Corporation, Cleveland, Ohio, for the Ferro Corporation Fellowship Fund.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

10. \$5,000.00 from Republic Steel Corporation's Educational and Charitable Trust, Cleveland, Ohio, for the John W. Bricker Professorship in the College of Law.
11. \$4,500.00 from Minnesota Mining & Manufacturing Company--\$3,300.00 for the 3M Fellowship in Ceramic Engineering and \$1,200.00 for the 3M Scholarship in the College of Engineering.
12. \$4,060.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$3,564.64 from the family and friends of the late First Lieutenant Medard A. J. Ruehle, for the establishment of The Medard A. J. Ruehle Memorial Award Fund.

The Medard A. J. Ruehle Memorial Award Fund

The Medard A. J. Ruehle Memorial Award Fund was established April 11, 1968, 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 the late First Lieutenant Medard A. J. Ruehle, B.Sc. Agr. '64, M. A. '65.

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. Income is to be used to provide an award for students in the College of Agriculture and Home Economics who have completed six or more quarter hours of college work or its equivalent.

Should the need for these awards cease to exist or so diminish as to provide unused income, then the income may be used at the discretion of the Board of Trustees for any purpose whatsoever, with preference being given to recommendations from the appropriate administrative official of the University who is directly responsible for agricultural education.

14. \$3,375.00 from United Health Foundation, Inc., New York, New York, for the United Health Foundation of Central Stark County.
15. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
16. \$3,000.00 from Michael Peppe for the Michael Peppe Scholarship Fund.
17. \$2,600.00 from The Charles Taylor Sons' Company for The Charles Taylor Sons' Company Fellowship in Ceramic Engineering.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

18. \$2,500.00 from Yassenoff Foundation, Inc. (In the name of Leo Yassenoff) for the Class of 1916 Fiftieth Anniversary Fund.
19. \$2,000.00 from Public Welfare Foundation, Inc. for research in cardiovascular surgery.
20. \$2,000.00 from the Trustees of The Link Foundation for The Link Foundation Fund for Aviation Medicine.
21. \$2,000.00 from Mervin B. France for the Novice G. Fawcett Professorship in Educational Administration.
22. \$1,692.79 from Clair W. Young for the Ohio 4-H Club Foundation Fund.
23. \$1,500.00 from Golf Course Superintendents Association of America for the Golf Course Superintendents Association of America Research Fund.
24. \$1,500.00 from Union Commerce Bank - Trust Department for the John W. Bricker Professorship in the College of Law.
25. \$1,350.00 from The Edward Orton, Jr. Ceramic Foundation for The Edward Orton, Jr. Foundation Fellowship in Mineralogy Fund.
26. \$1,200.00 from Union Carbide Corporation, Linde Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
27. \$1,200.00 from Union Carbide Corporation, Materials Systems Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
28. \$1,188.00 from Dr. Ronald B. Berggren for the Plastic Surgery Fund in the College of Medicine.
29. \$1,000.00 from Union Oil Company of California Foundation for the Union Oil Petroleum Scholarship Fund in the Department of Chemical Engineering.
30. \$1,000.00 from The Jewish Community Federation of Cleveland for the Shirley and Robert C. Coplan Scholarship Fund.
31. \$1,000.00 from The Resler Foundation for the John B. Fullen Scholarship Fund.
32. \$1,000.00 from The Simon Lazarus Family Foundation as an undesignated gift to the University.
33. \$1,000.00 from the Shoe Corporation of America (In the name of Herbert H. Schiff) for the Shoe Corporation of America Student Loan Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$126,134.83

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A gift of a 1500^o C. Dilatometer from The Edward Orton, Jr. Ceramic Foundation for use in the Department of Ceramic Engineering.

D. Change in Name and Description of Emil H. Arnold Fund for Optometry

In November, 1944, through a gift from Dr. Emil H. Arnold of Ann Arbor, Michigan, an endowment fund was established and identified as the Emil H. Arnold Optometric Scholarship Fund. Dr. Arnold has requested that the fund description and name be changed, and President Fawcett recommended that the said fund description and name be changed to read as follows:

Emil H. Arnold Fund for Optometry

The Emil H. Arnold Fund for Optometry was established November 17, 1944, by a gift through the Development Fund from Dr. Emil H. Arnold.

Income is to be used for either undergraduate or graduate student scholarships for students in the College of Optometry, with priority given to students attending The Ohio State University from the State of Michigan.

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 optometric education.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts, the establishment of the above-named funds, and the change in name and description of the above-identified fund were approved by unanimous roll call 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 February, 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	728	\$ 46,369.31
Individuals other than alumni	99	5,503.95
Nonprofit organizations	48	78,162.57
Business concerns	<u>23</u>	<u>41,977.19</u>
	898	\$172,013.02

Of these gifts, 433 totaling \$3,169.87 were undesignated and 465 totaling \$168,843.15 were designated.

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April 11, 1968 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS

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

A. Wright State Campus - Phase IV

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,374,553.00	\$2,425,675.25	\$ 51,122.25

B. Ohio Union - Third Floor Addition, South Wing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 446,854.00	\$ 453,602.59	\$ 6,748.59

C. Aircraft Apron and Fire-Crash and Rescue Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 142,756.65	\$ 153,612.97	\$ 10,856.32

D. Chemistry Research Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,328,081.00	\$1,408,796.96	\$ 80,715.96

E. Additional Stacks for Main Library

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 269,433.00	\$ 267,247.00	(\$ 2,186.00)

F. Stadium Dormitory Kitchen

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 132,854.00	\$ 131,948.42	(\$ 905.58)

G. Engineering Classrooms and Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,105,090.00	\$2,223,227.05	\$118,137.05

April 11, 1968 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

H. Materials Engineering and Science Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,015,192.00	\$2,023,624.00	\$ 8,432.00

Upon motion of Mr. Safford, 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 ratified by unanimous roll call vote.

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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 contracts were recommended for award. The action reported to the Board was as follows:

A. Library Elevator Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 3-26-68)		
Henry A. Justus, Inc. (Columbus)	\$ 22,536.00	\$ 25,000.00

Funds for this project are provided from Budget Account 801152 (Construction Account for Library Elevator Remodeling).

B. Graduate Research Center for Biological Sciences

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 9-6-67)		
Sheaf Construction Co. (Columbus)		
Base Bid	\$3,179,000.00	\$3,419,000.00
Negotiated Changes	- 49,281.00	
Alt. G-1 Vibration Isolation	+ 7,800.00	+ 4,500.00
Alt. G-2 Room 621F *	+ 7,800.00	+ 13,000.00
Alt. G-3 Room 611E *	+ 7,800.00	+ 13,000.00
Alt. G-4 Room 622F *	+ 7,800.00	+ 13,000.00
Alt. G-5 Room 612E *	+ 7,800.00	+ 13,000.00
Alt. G-6 Rubber Base on Benches	+ 160.00	+ 300.00
Alt. G-7 Asphalt Paving, Parking Areas	+ 2,000.00	+ 4,000.00
<u>Total Contract</u>	<u>\$3,170,879.00</u>	<u>\$3,479,800.00</u>

*Controlled Environmental Rooms, Sixth Floor

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Graduate Research Center for Biological Sciences (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(2 bids received 3-15-68)		
Gesling Co. (Lancaster)		
Base Bid	\$ 715,000.00	\$ 683,000.00
Alt. P-1 Vibration Isolation	+ 850.00	+ 100.00
Alt. P-3 6th Floor Area	+ 45,625.00	+ 30,000.00
Total Contract	<u>\$ 761,475.00</u>	<u>\$ 713,100.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 3-15-68)		
Sam P. Wallace Co. (Dallas, Texas)		
Base Bid	\$1,167,647.00	\$1,474,000.00
Alt. HVAC-1 Glycol Preheat System	+ 3,000.00	+ 700.00
Alt. HVAC-2 6th Floor Area	+ 22,800.00	+ 37,000.00
Total Contract	<u>\$1,193,447.00</u>	<u>\$1,511,700.00</u>
<u>Electrical Contract</u>		
(1 bid received 3-15-68)		
States Electric Co. (Columbus)		
Base Bid	\$ 773,500.00	\$ 670,000.00
Alt. E-1 Glycol Preheat System	No Change	+ 50.00
Alt. E-2 6th Floor Area	+ 24,500.00	+ 27,000.00
Total Contract	<u>\$ 798,000.00</u>	<u>\$ 697,050.00</u>
<u>Laboratory Equipment Contract</u>		
(4 bids received 9-6-67)		
Royal School Laboratories		
(Richmond, Virginia)		
Base Bid	\$ 649,177.00	\$ 780,000.00
Alt. EQ-1 Vibration Isolation in		
Rooms 911 and 957	+ 107.00	+ 700.00
Alt. EQ-2 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-3 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-4 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-5 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-6 Add Island Benches	+ 17,285.00	+ 32,000.00
Total Contract	<u>\$ 668,385.00</u>	<u>\$ 815,900.00</u>
<u>Automatic Controls Contract</u>		
(2 bids received 3-15-68)		
Honeywell, Inc. (Columbus)		
Base Bid	\$ 143,750.00	\$ 145,000.00
Alt. AC-1 Preheat System Controls	+ 4,300.00	+ 500.00
Alt. AC-2 6th Floor Area	+ 3,300.00	+ 3,000.00
Total Contract	<u>\$ 151,350.00</u>	<u>\$ 148,500.00</u>

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Graduate Research Center for Biological Sciences (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Insulation Contract</u>		
(3 bids received 3-15-68)		
Sam P. Wallace Co. (Dallas, Texas)		
Base Bid	\$ 150,000.00	\$ 165,000.00
Alt. IN-1 Preheat System	+ 3,500.00	+ 300.00
Alt. IN-2 6th Floor Area	+ 2,600.00	+ 5,000.00
Total Contract	<u>\$ 156,100.00</u>	<u>\$ 170,300.00</u>
<u>Total All Contracts</u>	<u>\$6,899,636.00</u>	<u>\$7,536,350.00</u>

Funds for this project are provided from Item 315-031, H. B. 886, a Title I grant and a Title II grant.

It will be noted that the low bidder on the General Contract Division withdrew his bid because of the delay in the execution of the contracts; however, the second low bidder has agreed to hold his bid. The low bidder on the Insulation Contract Division did not submit a bond so award was made to the second low bidder. Bids on the Plumbing, Electrical, and Automatic Controls Divisions were over the estimate of cost, but it was believed that no better bids could be obtained by re-advertising. The total of all bids was lower than the total estimates of costs.

C. Van de Graaff Laboratory Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(10 bids received 3-28-68)		
Payt Construction Co. (Columbus)		
Base Bid	\$ 41,944.00	\$ 56,000.00
Alt. G-1 Remodeling, Room 4	325.00	150.00
Alt. G-2 Ceiling, Room 61	395.00	725.00
Total Contract	<u>\$ 42,664.00</u>	<u>\$ 56,875.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 3-28-68)		
Julian Speer Co. (Columbus)		
Base Bid	\$ 17,640.00	\$ 20,000.00
Alt. HV-1 Remodeling, Room 4	240.00	110.00
Alt. HV-2 Remodeling, Room 61	140.00	50.00
Total Contract	<u>\$ 18,020.00</u>	<u>\$ 20,160.00</u>
<u>Plumbing Contract</u>		
(2 bids received 4-5-68)		
Keen-Air Conditioning Corp. (Columbus)		
Base Bid	\$ 10,000.00	\$ 14,416.00

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Van de Graaff Laboratory Addition (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(1 bid received 4-5-68)		
Reco Electric Co. (Columbus)		
Base Bid	\$ 21,219.00	\$ 28,000.00
Alt. E-1 Electric, Room 4	610.00	150.00
Alt. E-2 Electric, Room 61	<u>1,828.00</u>	<u>1,100.00</u>
Total Contract	<u>\$ 23,657.00</u>	<u>\$ 29,250.00</u>
<u>Total All Contracts</u>	<u>\$ 94,341.00</u>	<u>\$ 120,701.00</u>

Funds for this project are provided from Budget Account 801148 (Van de Graaff Laboratory Addition Construction Account).

Upon motion of Mr. Safford, 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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VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

A. The Ohio Board of Regents

- 19 Approves the transfer and release of \$883,750.00 from Item 235-008 Technical Institutes, Community Colleges, and University Branches to Item 315-057 University (General) College Utilities, H. B. 886, to provide funds for the project, University (General) College Utilities.

B. The Ohio State University

- 35 Approves the transfer of \$600,000.00 from Item 315-019 Mansfield Branch to Item 315-060 Mansfield Technical Building, H. B. 886, and the release of \$49,000.00 of this account for planning purposes.
- 36 Approves the award of two extra orders for the Medical Science Building, one to the General Contractor in the amount of \$77,100.00 and the second to the Heating, Ventilating Contractor in the amount of \$20,908.26.
- 37 Approves the transfer of \$155,000.00 from Item 315-016 Medical Complex to Item 315-059 Medical Center Library and releases this amount for planning purposes.

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April 11, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Roadway Easement, Kenny Road, Franklin County
(Board of Trustees Land)

Franklin County, State of Ohio, has requested permission to widen Kenny Road in accordance with University College area, County Engineer's project, Kenny Road - Section "A." This proposed road improvement requires an easement over lands owned by the Board of Trustees of The Ohio State University. This improvement is designed to improve the traffic flow to and from the University College to be constructed west of Kenny Road.

The total additional acreage to be acquired by Franklin County to effect this widening is 0.627 acres. Franklin County has had the property appraised and based on the appraisals has offered \$19,740.00 as compensation for the lands owned by the Board of Trustees needed for the right-of-way.

President Fawcett recommended that the granting of a highway easement in accordance with the above stated project to Franklin County be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to act on behalf of the Board of Trustees of The Ohio State University in developing the necessary legal instruments to provide for the improvement to Kenny Road, and to accept the sum of \$19,740.00 as just compensation for the land needed for the right-of-way.

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

B. Roadway Easement, Kenny Road, Franklin County
(State of Ohio Lands)

Franklin County, State of Ohio, has requested permission to widen Kenny Road in accordance with University College area County Engineer's project, Kenny Road - Section "A" and construction of a storm sewer to control run off. This proposed road improvement is designed to improve the traffic flow to and from the University College complex to be constructed west of Kenny Road.

President Fawcett recommended that the granting of a highway and storm sewer easement to Franklin County in accordance with the above stated project 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 necessary legal instruments to provide for the improvement to Kenny Road.

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

April 11, 1968 meeting, Board of Trustees

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

C. West Campus - Easement, Columbus and Southern Ohio Electric Company

An easement for the construction of a 13,200 volt overhead electrical service has been engineered to provide electrical service for the new Horticulture and Forestry Building. This electrical service will be extended in underground conduits to other buildings in the West Campus area to provide better electrical service for the existing buildings in the West Campus area.

President Fawcett recommended that the granting of an electrical pole 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. Shocknessy, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

D. Medical Center - Easements and Agreement to Provide for Construction of a 20" Water Line

Two easements and an agreement for the construction of a 20" water line will be required for the development and completion of the Medical Center Complex. President Fawcett recommended that easements be negotiated with Battelle Memorial Institute and the City of Columbus, and a consent of leasee to the granting of easements be negotiated with the City of Columbus to the State of Ohio to construct a 20" water line from Fifth Avenue to King Avenue for the benefit of the Medical Center Complex and to reinforce the present campus water distribution system.

It was further recommended that the President and/or Vice President for Business and Finance be authorized to act on behalf of the State of Ohio (The Ohio State University) to develop the necessary legal documents to provide for these agreements.

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

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IX. REPORTS

A. Report on the University's Investment Portfolio

The report dated April 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.

April 11, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities that have taken place in recent weeks and honors that have been received by faculty and staff members of the University. Some references included in the report, which is filed with the official records of the Secretary, were as follows:

1. The University is one of six institutions in the nation selected by the National Academy of Engineering to find improved ways of putting modern technology to work in the enhancement of biomedical research and health care. The study will be conducted jointly by the Departments of Electrical Engineering and Medicine in cooperation with Battelle Memorial Institute under a contract from the academy.
2. Contract research administered by the Research Foundation totaled \$15,717,594.00 for the 1967 fiscal year. A total of 3,457 persons worked on research projects and 81 of the University's schools, departments, bureaus, and institutes conducted sponsored research.
3. The first land-vertebrate fossil found in Antarctica--a 2 1/2-inch piece of jaw bone--may provide a clue to the origin of Southern Hemisphere continents. The bone was discovered last December by a geology team from Ohio State's Institute of Polar Studies under a grant from the National Science Foundation. The fossil bone is from an amphibian that lived about 200 million years ago.
4. A national study of the changing role of home economics education--urging a shift from a rural emphasis to one more concerned with urban problems--includes recommendations already put into effect at Ohio State. The study was commissioned by the Home Economics Division of the National Association of State Universities and Land-Grant Colleges and was funded by the Carnegie Corporation.
5. A 15-pound sonic riveting machine which does the same work as the traditional, all-at-once, 10-ton blow has been developed by Ohio State welding engineers. The 20-inch-long, 15-horsepower device was developed in Ohio State's Sonic Research Laboratory under the direction of Dr. Robert C. McMaster, Regents' Professor, Departments of Welding Engineering and Electrical Engineering.
6. Physicians at 15 community hospitals in Ohio and West Virginia will be able to hold two-way discussions as well as see panelists on television via the Ohio Medical Education Network this month. WOSU-TV, the television outlet at Ohio State, is the key station for the network, originating all programs and providing quality control in engineering and production.
7. The Ohio State chapter of Phi Beta Kappa has announced election of 102 new members. For the third consecutive year, the number elected was the largest in the history of Ohio State's chapter of the national scholastic honorary society.

April 11, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Highlights of University Activities (continued)

8. Students of satellite geodesy at Moscow University are using a textbook written by Professor Ivan I. Mueller of Ohio State's Department of Geodetic Science. It was published in the United States in 1964 and the Russian edition was issued last year by the Moscow publishing house, Mir, without permission, according to Dr. Mueller.
9. Honors to Faculty and Staff
 - a. Ruth H. Weimer, Associate Dean for Student Relations, will become President in 1969 of the National Association of Women Deans and Counselors.
 - b. Dean Harold A. Bolz of the College of Engineering has received the Citation of the Ohio Society of Professional Engineers, highest award presented by the organization.
 - c. Dr. William M. Boorstein, Assistant Professor of Metallurgical Engineering, and Dr. John B. Neuhardt, Assistant Professor of Industrial Engineering, were among 147 young engineering professors in the nation to receive National Science Foundation Research Initiation Grants. Such grants are awarded annually to encourage research by engineering faculty members who recently have received their doctoral degrees.

* * *

President Fawcett noted that a group of students and others assembled on the Oval at noon on Wednesday, April 10, 1968, in what was publicized as a "rally" to press for what the spokesmen described as "student power." The President added that at the conclusion of the "rally" in the late afternoon, he (the President) received in his office three representatives of the group who presented their concerns which are under consideration by the administration of the University.

* * *

Thereupon the meeting adjourned and the members of the Board of Trustees and administrative officers of the University moved to the site where the first shovel of earth was turned to mark the beginning for the Humanities Center - Foreign Language Building. The next meeting of the Board will be Thursday, May 9, 1968, at The Ohio State University, Columbus, Ohio, at 9:30 a. m.

Attest:

John T. Mount
Secretary

APPENDIX VI

Amendments to Rules for the University Faculty

as Approved by the Faculty Council
on March 12, 1968

Adopted by Board of Trustees April 11, 1968
(See page 562)

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Rules for the University Faculty

On March 12, 1968, the Faculty Council approved the following Section 53.07 of the Rules for the University Faculty pertaining to student government as a substitution for Section 53.07 as printed in the January, 1968 edition of Rules for the University Faculty, subject to the adoption by the Board of Trustees. The detailed amendment to Rule 53.0701 is as underscored. Rules 53.0702 and 53.0703 were deleted since they are no longer applicable.

53.07. Student Government.

53.0701. Faculty Responsibility for Student Government.

Student government is the direct responsibility of the Council on Student Affairs, subject to the approval of the Faculty Council (see Rule 29.27). The Constitution of the Undergraduate Student Body and documents of a similar nature shall be published in the Student Handbook.

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 and the Graduate Council.

Section 2. The Council of Graduate Students shall be responsible for selecting two nominees for each position and shall submit their names and vitae to the President who shall appoint one of the nominees for a term of one year.

53.09. Student Use of University Buildings.

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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APPENDIX VII

Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation

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Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation

The Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation as amended, upon the recommendation of the U. S. Department of Health, Education, and Welfare with the concurrence of the Office of the Attorney General of Ohio, is as follows: (The detailed amendments to the Memorandum of Agreement are as underscored.)

MEMORANDUM OF AGREEMENT

The Board of Trustees of The Ohio State University

Dear Sirs:

The Ohio State University Research Foundation has accepted grants and contracts with the sponsors and for the amounts set forth in the list attached hereto, for research to be conducted at the University. The grants and contracts listed will together produce a gross income of \$

In furtherance thereof:

- (1) The scope of each investigation shall be determined by consultation between the President of the University and the Executive Director of the Foundation.
- (2) Members of the faculty, other employees and students of the University and visitors in residence at the University will work upon or participate in a project only with the approval of and on terms satisfactory to the President of the University and the Executive Director of the Foundation.
- (3) The person or persons supervising each project will submit reports as may be required upon the progress of the project through or at the direction of the proper department chairman to the Executive Director of the Foundation.
- (4) The University will cause all discoveries, improvements and inventions resulting from a project to be assigned to the Foundation by the person or persons making such discoveries, improvements or inventions.
- (5) Upon the termination of each project, all notes, records and data resulting from or collected in the course of the project will belong to and be delivered to the Foundation although the University may, if it desires, retain a copy thereof.

The Foundation will:

- (1) Pay monthly to the University an amount equal to the aggregate compensation for work on each project of the members of the faculty and other employees of the University engaged on the project.
- (2) Procure and provide to the University necessary materials, supplies, apparatus and equipment, but the University may, with the specific approval in each instance of the Executive Director of the Foundation, procure them directly, in which event the Foundation will reimburse the University for their cost.

Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation (continued)

- (3) Arrange for necessary travel and other services for those engaged on a project.
- (4) Return to the University applicable indirect costs recovered from sponsors, less such amounts as are authorized by the University to meet Foundation operating and contingency costs.

The University will incur no other obligations or expense without the written approval of the Executive Director of the Foundation. All apparatus and equipment procured for a project by or at the expense of the Foundation, except that which pursuant to the Foundation's contract with the sponsor is the property of the sponsor, will, at the termination of the project, become the property of the University.

If the foregoing is acceptable to you, will you please so indicate by signing and returning the enclosed copy of this letter, retaining the original for filing with the official records of the Board of Trustees.

Very truly yours,

THE OHIO STATE UNIVERSITY
RESEARCH FOUNDATION

By _____
Executive Director

Attest: _____
Assistant Secretary

Date: _____

THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

By _____
Chairman

Attest: _____
Secretary

Date: _____

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

Columbus, Ohio, April 30, 1968

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 Acting Chairman, John W. Bricker, in a special meeting on Tuesday, April 30, 1968.

Present: John W. Bricker, Acting Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, and Don M. Hilliker.

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April 30, 1968 special meeting, Board of Trustees

The Acting Chairman, Mr. Bricker, opened the meeting with the following statement:

This special meeting was called to consider any action which might be taken in light of the tragic and illegal occupation of this Administration Building on Friday of last week. I wish to emphasize that this is a meeting of the Board of Trustees, it is not a hearing, and it is not subject to testimony or questions on the part of anyone except the members of the Board of Trustees. It is an open meeting complying with the laws of the State of Ohio. We are here for the purpose of considering two matters: (1) What shall be done with regard to those who violated their responsibilities as citizens and illegally trespassed upon this property to the infringement of the rights of others; and (2) to consider suggested rules and regulations to be presented by President Fawcett.

Let it be noted, Mr. Secretary, that a quorum of the Board is present for this meeting.

The Acting Chairman, Mr. Bricker, then called upon President Novice G. Fawcett to report on the events of last week.

President Fawcett responded as follows:

Mr. Chairman, I believe that the information regarding the incidents of last Friday have been well communicated not only in this community but throughout the state and beyond. There was, as you know, a take over of the area in the Office of Vice President Carson by persons who held as hostage three members of our staff for a considerable period of time and later illegally closed the doors of this building. This kind of lawlessness, in my view, cannot be condoned. I have stated many times that the University is now, as it has been in the past, and hopefully will be in the future, better prepared to preserve the orderly operation of the institution and to facilitate the work of all people who are committed to work within the framework of law and order. I have viewed the incidents of last Friday largely in terms of first protecting the lives and safety of people. I also considered the importance of the preservation of the property and the irreplaceable records in the building. These two concerns were successfully accomplished. I then directed my attention to the serious matter of reviewing the rules which govern our performance in such incidents of lawlessness in consultation with my administrative colleagues and faculty. I now come to this Board to seek its consultation in order that we might be certain of the wishes and desires of this Board.

At my direction, a series of rules for the University have been drafted with the hope that they will better facilitate the governing of our operation for the future. These rules are placed before you at this time. If you desire, I will review them in detail or as you have indicated you may refer them to a committee and not wish to take the time to consider them tonight. There are three rules-- 51.03 Rule on Group Disruption, 51.05 Rule on Individual Disruption, and 29.2725 University Committee on Discipline.

April 30, 1968 special meeting, Board of Trustees

These rules were before the University Faculty Council in a special session this afternoon and were approved unanimously. I have in the process of the preparation of the proposed rules consulted with a number of people and groups on this campus. It has not been possible to have copies of these proposed rules to you before this evening.

Senator Bricker commented as follows:

Mr. President, as I quickly survey these proposed rules I am certain that the University does now have adequate authority to prosecute any cases involving violation of law and the orderly operation of the University as involved in the incidents of last Friday. Further, if we were to act upon these proposed rules this evening, they would not apply to charges brought against persons engaged in the incidents of last Friday. For this reason, I desire to refer the proposed rules to a committee of this Board, if such a procedure meets with the approval of the Board here assembled. Might I ask for a show of hands regarding this question.

The Board by unanimous vote approved the appointment of a committee to review the proposed rules and the Acting Chairman appointed those members of the Board who are attorneys to serve on the committee; specifically, Mr. Ketterer, Mr. Shocknessy, and Mr. Bricker.

Mr. Bricker continued,

Mr. President, I do want to express on behalf of the Board a very keen appreciation for the support of the faculty of these proposed rules which support was unanimously expressed by the Faculty Council this afternoon. I want you to know also that there is an expression of confidence in the administration of this University that it will adequately and properly handle the violations which occurred in this building last Friday. This Board expresses similar appreciation to you personally Mr. President and to the members of the administration and members of the faculty for your proposing procedures that will adequately deal with violations of law and any efforts to interrupt the orderly operation of the University. You have our assurance that the rules which you have recommended will be reviewed promptly by the committee for the earliest possible action.

The Secretary was instructed to file a copy of the above-referred-to proposed rules with the records of the Board of Trustees.

Mr. Bricker continued,

I now place before the Board the question of the procedure in regard to the action which this Board should take in consideration of handling the cases of violation of law and order in this building last Friday.

April 30, 1968 special meeting, Board of Trustees

Thereupon Mr. John G. Ketterer presented the following statement and resolution:

Mr. Chairman, I should like to address myself to the first point in the purpose of this meeting. I, therefore, offer the following resolution and move its adoption as further evidence of the support of this Board for the President and the administration of the University in respect to what occurred in this building last Friday. The resolution is as follows:

BE IT RESOLVED that the President and the administration be instructed to immediately make an investigation as to the conduct of all and every person who participated in the events of last Friday with the idea that after the investigation has been completed appropriate action can be taken so that any person involved will have an opportunity for a full and fair hearing and trial.

FURTHER that such action may result in such discipline as appears appropriate under the circumstances after such a hearing.

The motion on the above resolution was duly seconded and unanimously adopted by a roll call vote.

The Acting Chairman, Mr. Bricker, then said:

Mr. President by the adoption of this resolution you have the support of this Board now and in the future. There being no further business on the agenda of this special meeting, I now declare the meeting adjourned.

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Attest:

John T. Mount
Secretary

John W. Bricker
Acting Chairman

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

Columbus, Ohio, May 9, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, May 9, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last regular meeting (April 11, 1968) and the special meeting (April 30, 1968) were approved.

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May 9, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

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 7, 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 VIII, page 635.)

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

B. Honorary Degrees

1. Members of this Board have from time to time expressed an interest in conferring an honorary degree upon the Honorable James A. Rhodes, Governor of the State of Ohio. Pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, President Fawcett recommended that the honorary degree--Doctor of Laws--be conferred upon the Honorable James A. Rhodes at the June 7, 1968 Commencement.
2. Pursuant to Rule 29.15 and the action of the Faculty Council on April 9, 1968, President Fawcett recommended that the honorary degrees as specified hereafter be conferred upon the following individuals:

Walter Cronkite, nationally recognized News Correspondent
and Commentator - Doctor of Humane Letters

Weikko Heiskanen, Professor Emeritus in the Department
of Geodetic Science - Doctor of Science

Lister Hill, United States Senator - Doctor of Laws

Karl Schwartzwalder, Director of Research with the
AC Spark Plug Division of General Motors Cor-
poration - Doctor of Science

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

May 9, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. 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 30, 1968 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.

Jacob E. Davis
Christine Y. Conaway
Mylin H. Ross

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

D. Revision of Rules 29.15 and 53.03 of Rules for the University Faculty

The Faculty Council on April 9, 1968 approved the following changes in the Rules for the University Faculty:

President Fawcett recommended that:

1. The last sentence of Section 1, of Rule 53.03, be amended to read as follows:

For participation in a major activity (or for candidacy for participation in a major activity) these rules shall include a requirement that students involved not be on disciplinary probation.

(This amendment deletes the phrases "a 2.25 cumulative average" and "academic warning under Rule 47.05.")

2. The last sentence of Item "d" of Rule 29.15 be amended for the purpose of clarity and to avoid a question of possible conflict with the new Section 3 of Rule 11.05 which was approved by the Board of Trustees on April 11, 1968, which amendment shall read as follows:

However, no nominee shall be recommended for an honorary degree by the Faculty Council unless he has received the affirmative vote of at least two-thirds of the voting membership of the Council necessary to constitute a quorum.

Upon motion of Mr. Jones, seconded by Dr. Thomas, 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.

May 9, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Building

Upon the proposal of Dean Harold A. Bolz, College of Engineering, and the chairman and faculty of the Department of Photography, President Fawcett recommended that the facility presently identified as the "Engineering Experiment Station," 156 West 19th Avenue, be renamed "Haskett Hall" in memory of the late Professor Frank Haskett, first professor and first chairman of Photography. The Department of Photography is now housed in this building.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, 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 11, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University including the salary adjustments for nonacademic personnel effective June 3, 1968, be approved by the Board. These changes included the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Walter Byron Emery, Professor, Department of Speech, effective October 1, 1968, at a salary of \$19,968.00 per annum.

Ellis W. Hawley, Professor, Department of History, effective October 1, 1968, at a salary of \$16,368.00 per annum.

Arthur L. Housman, Professor, College of the Arts, effective October 1, 1968, at a salary of \$17,328.00 per annum.

Ulrich Kregel, Professor, Department of Mathematics, effective October 1, 1968, at a salary of \$18,168.00 per annum.

Kurt Mahler, Professor, Department of Mathematics, effective October 1, 1968, at a salary of \$21,168.00 per annum.

B. Leaves of Absence Without Salary

Ivan C. Rutledge, Dean and Professor, College of Law, effective July 1, 1968 through November 15, 1968, to accept a Fulbright-Hayes Lectureship to teach at the University of Queensland, Brisbane, Australia.

May 9, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

William G. Dewald, Professor, Department of Economics, effective October 1, 1968 through September 30, 1969, to accept a Ford Foundation Faculty Research Fellowship.

Lawrence Herman, Professor, College of Law, effective October 1, 1968 through December 31, 1968, to teach at the University of Michigan.

Maurice Kelman, Professor, College of Law, effective October 1, 1968 through September 30, 1969, for personal reasons.

L. Orin Slagle, Jr., Professor, College of Law, effective October 1, 1968 through September 30, 1969, for personal reasons.

D. Terence Langendoen, Associate Professor, Department of Linguistics, effective October 1, 1968 through September 30, 1969, to teach at Rockefeller University, New York City.

Johann B. Leicht, Associate Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue to engage in research and instruction at the University of Heidelberg, Heidelberg, Germany.

Ronald B. Sklar, Associate Professor, College of Law, effective October 1, 1968 through September 30, 1969, to study in Switzerland.

Kenneth M. Brown, Assistant Professor, Department of Economics, effective October 1, 1968 through September 30, 1969, to be a Visiting Scholar at Brookings Institution, Washington, D. C.

Richard M. Rau, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to do research in Operations Research for the United States Marine Corps.

Daniel J. Troy, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue teaching at Purdue University.

Thomas N. Woodson, Assistant Professor, Department of English, effective October 1, 1968 through September 30, 1969, to accept a Fulbright grant in France.

May 9, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Robert Hillman Larson, Instructor, Department of Aviation, effective April 1, 1968 through June 30, 1968, for personal reasons.

C. Emeritus Titles

Edison L. Bowers, Department of Economics, with the title Professor Emeritus, effective July 1, 1968.

Francis W. Davis, Department of Photography, with the title Professor Emeritus, effective July 1, 1968.

Harry Wight Rogers, Department of Romance Languages, with the title Professor Emeritus, effective July 1, 1968.

Carroll L. Shartle, College of Administrative Science, Division of Research, with the title Professor Emeritus, effective July 1, 1968.

John B. Titchener, Department of Classics, with the title Professor Emeritus, effective July 1, 1968.

Harry H. Weiser, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1968.

John Harold Wilson, Department of English, with the title Professor Emeritus, effective July 1, 1968.

Willard Hayes Yeager, Department of Speech, with the title Professor Emeritus, effective July 1, 1968.

Olwen E. Jones, School of Music, with the title Associate Professor Emeritus, effective July 1, 1968.

Clara G. Weishaupt, Department of Botany, with the title Associate Professor Emeritus, effective September 1, 1968.

Agnes B. Flanagan, Library, with the title Instructor Emeritus, effective July 1, 1968.

Russell W. Jones, Department of Aviation, with the title Instructor Emeritus, effective July 1, 1968.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University including the salary adjustments for nonacademic personnel effective June 3, 1968 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 9, 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. 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. #33 - Engineering Experiment Station).
Gross Value - \$45,000.00.
- a2. Department of Health, Education, and Welfare, National Cancer Institute, Bethesda, Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known as National Cancer Institute Project No. 759-K - Ext. #11 - Department of Chemistry).
Gross Value - \$62,521.00.
- a3. 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 - Sup. #8 - Department of Physics).
Gross Value - \$28,708.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Myocardial Metabolism of Hypothermia (to be known as National Institutes of Health Project No. 1100-F - Sup. #2 - Department of Surgery).
Gross Value - \$12,958.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Heart Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451-F - Ext. #6 - Department of Pharmacology).
Gross Value - \$25,804.00.
- a6. Department of Navy, Office of Naval Research, Washington, D. C., The Development of a Methodology for the Analysis of Complex Man-Machine Systems (to be known as Office of Naval Research Project No. 1643 - Amend. #10 - Department of Business Organization).
Gross Value - \$2,733.00.

May 9, 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. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820-D - Ext. #4 - Department of Chemistry).
Gross Value - \$53,104.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861-B - Rev. Award - Department of Surgery).
Gross Value - \$4,605.00.
- a9. 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-C - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$30,372.00.
- a10. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Earth's Gravity Field and the Determination of Geodetic Parameters Dependent on Gravity (to be known as Electronic Systems Division Project No. 2122 - Mod. #4 - Department of Geodetic Science).
Gross Value - \$103,000.00.
- a11. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164-B - Ext. #2 - College of Biological Sciences).
Gross Value - \$22,917.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Environmental Health Services, Bethesda, Maryland, Coordination of Phosphine Sulfides and Selenides (to be known as National Institutes of Health Project No. 2171-B - Ext. #2 - Department of Chemistry).
Gross Value - \$22,741.00.

May 9, 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)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2206 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a14. National Science Foundation, Washington, D. C., Preparation and Translation of a Volume of "Readings in Soviet Economic Geography" (to be known as National Science Foundation Project No. 2348 - Amend. #1 - Department of Geography).
Gross Value - \$6,500.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Cardiovascular Research Center Planning Grant (to be known as National Institutes of Health Project No. 2386-A - Ext. #1 - Department of Medicine).
Gross Value - \$90,397.00.
- a16. 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 - New - College of Biological Sciences).
Gross Value - \$28,500.00.
- a17. Department of Navy, Naval Air Systems Command, Washington, D. C., Electromagnetic Boresight Control Problems of Radar Transmission Through a Radome (to be known as Naval Air Systems Command Project No. 2604 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a18. National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Experimental Determination of the Detonation Pressures of Hydrogen-Oxygen-Helium-Water Mixtures at Various Initial Conditions (to be known as National Aeronautics and Space Administration Project No. 2605 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$2,492.00.

May 9, 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)

- a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Gastrin Levels in Normal and Abnormal Acid Secretion (to be known as National Institutes of Health Project No. 2606 - New - Department of Surgery).
Gross Value - \$15,509.00.
- a20. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as National Science Foundation Project No. 2607 - New - Department of Chemistry).
Gross Value - \$39,400.00.
- a21. National Science Foundation, Washington, D. C., Research Initiation-Kinetics of Aluminum Oxide Precipitation from Liquid Iron (to be known as National Science Foundation Project No. 2608 - New - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.
- a22. National Science Foundation, Washington, D. C., Research Initiation - Mathematical Optimization in Experimental Factor Layout Problems (to be known as National Science Foundation Project No. 2610 - New - Department of Industrial Engineering).
Gross Value - \$15,000.00.
- a23. Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Disaster Studies (to be known as Office of Civil Defense Project No. 2612 - New - Department of Sociology).
Gross Value - \$80,000.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormone Modulation of Emetic Responsiveness in Aves (to be known as National Institutes of Health Project No. 2613 - New - College of Pharmacy).
Gross Value - \$19,361.00.

TOTAL - Government Contracts - Federal \$747,622.00

2. Industrial and Other Contracts

- a1. Ohio Tuberculosis and Health Association, Columbus, Ohio, Intracellular Parasitism of the Tubercle Bacillus (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #11 - College of Biological Sciences).
Gross Value - \$7,651.00.

May 9, 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. Ohio Contractors Association, Columbus, Ohio, Preparation of a Uniform Classification of Accounts for the Ohio Highway-Heavy Construction Industry (to be known as Ohio Contractors Association Project No. 2609 - New - College of Administrative Science - Bureau of Business Research).
Gross Value - \$5,326.00.
- a3. General Foods Corporation, Kankakee, Illinois, Critical Equilibrium Activity of Tyrophagus Putrescentiae on Gainesburgers (to be known as General Foods Corporation Project No. 2611 - New - College of Biological Sciences).
Gross Value - \$2,250.00.
- a4. National Endowment for the Humanities, Washington, D. C., The Corpus of the Miniatures in the Manuscripts of Justinian's Civil Law Compilations (to be known as National Endowment for the Humanities Project No. 2614 - New - School of Art).
Gross Value - \$12,000.00.
- a5. Stokely-Van Camp, Inc., Indianapolis, Indiana, Fluid Balance in College Athletes (to be known as Stokely-Van Camp, Inc., Project No. 2616 - New - Department of Physical Education).
Gross Value - \$9,383.00.

TOTAL - Industrial and Other Contracts \$36,610.00

The foregoing twenty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$784,232.00.

Upon motion of Mr. Safford, seconded by Mr. France, 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.

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IV. GRANTS AND GIFTS

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

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$244,147.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Counseling and Guidance - Disadvantaged Youth Program," as authorized under Title V-B, under the direction of the College of Education, for the period December 7, 1967 through June 28, 1969. (Grant No. OEG-0-8-080308-2034 012)
2. \$141,943.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Comparative Pathology," under the direction of the Department of Veterinary Pathology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 GM1052-06)
3. \$132,800.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for training of teachers in the following areas--\$58,600.00 for Mental Retardation under the direction of the College of Education, \$49,800.00 for Visually Handicapped under the direction of the College of Education, and \$24,400.00 for Speech and Hearing under the direction of the Department of Speech, for the period June 1, 1968 through August 31, 1969. (Grant No. OEG-0-8-003161-3161 031)
4. \$86,293.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201, to the University for "Child Welfare Training Grant," under the direction of the School of Social Work, for the period beginning July, 1968 and ending June, 1969. (Project No. 68-45)
5. \$79,545.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for the program entitled "French - Modern Foreign Languages," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080333-2072 045)
6. \$76,793.00 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, 1968 through June 30, 1969. (Grant No. 5 T01 UI 01002-03)
7. \$49,225.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "National Program Development Institutes in Technical Education," under the direction of The Center for Vocational and Technical Education, for the period April 1, 1968 through April 30, 1969. (Grant No. OEG-0-8-08034-3587 085)

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$37,940.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Education in Librarianship," as authorized under Title II, Part B, of the Higher Education Act of 1965, under the direction of the Division of Computer and Information Science, for the period March 20, 1968 through September 30, 1969. (Grant No. OEG-0-8-045003-0430 320)
9. \$29,993.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Undergraduate Psychiatry," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 MH05924-18)
10. \$22,950.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Social Work - Community Organization," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH10789-02)
11. \$20,650.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "National Development Institute in Planning, Programming, and Budgeting Systems," under the direction of The Center for Vocational and Technical Education, for the period April 1, 1968 through April 30, 1969. (Grant No. OEG-0-8-080367-3586 085)
12. \$16,765.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University as an additional grant for the "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period March 1, 1968 through June 30, 1968. (Grant No. 3 G02 RM-00022-01S2)
13. \$12,171.00 made available pursuant to Title I, Higher Education Act of 1965, through the Ohio Board of Regents for the following projects:
 - \$ 840.00 for "Business Enterprise Management"
(Program No. 68-944-024)
 - 1,140.00 for "Program Planning and Budgeting Systems"
(Program No. 68-944-025)
 - 2,760.00 for "Conference on the Economies of the States"
(Program No. 68-944-026)
 - 7,431.00 for "Training Program for Municipal and County Building Department Personnel"
(Program No. 68-944-027)

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$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 Obstetrics and Gynecology, for the period July 1, 1968 through June 30, 1969. (Grant No. 57004-01-68-C)
15. \$11,120.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of an "In-Service Institute in Physics for Secondary School Teachers," under the direction of the Department of Physics, and terminates on June 30, 1969. (GW-3382)
16. \$8,480.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of an "In-Service Institute in Earth Science for Secondary School Teachers," under the direction of the Department of Geology, and terminates on June 30, 1969. (GW-3110)
17. \$4,507.00 granted by the State Library of Ohio, Columbus, Ohio, to the University to study the feasibility of establishing a cooperative system of art libraries, under the direction of The Ohio State University Libraries. This grant terminates August 31, 1968.

TOTAL - Administered Through the Office of Business and Finance
\$986,662.00

B. Received Through The Ohio State University Development Fund

1. \$32,500.00 from the Estate of Miss Helen C. Kennedy for the T. J. Kennedy Family Fund.
2. \$12,190.65 from Miss Pauline C. Wittwer, Columbus, Ohio-- \$10,190.65 as an unrestricted gift to the University, \$1,000.00 for Odontos Fund, and \$1,000.00 for Dentistry Centennial Fund.
3. \$10,600.00 from alumni and friends of Dr. Albert L. Henne for the establishment of the Albert L. Henne Memorial Fund.

Albert L. Henne Memorial Fund

The Albert L. Henne Memorial Fund was established May 9, 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 memory of Dr. Albert L. Henne, former faculty member in the Department of Chemistry.

All gifts are to be invested in the University's Investment Portfolio under 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. Principal and annual income are to be used to

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. Albert L. Henne Memorial Fund (continued)

support the Department of Chemistry as determined by the Chairman of the Department of Chemistry, in consultation with Dr. Henne's widow, Dr. Mary T. Henne, for as long as she lives.

Should the need for these monies cease to exist or so diminish as to provide unused income, or should the Department of Chemistry 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 chemistry education.

4. \$10,500.00 from Louis C. Fischer, King of Prussia, Pennsylvania, as an unrestricted gift to the University.
5. \$9,686.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.
6. \$7,500.00 from Lederle Laboratories, Division of American Cyanamid Company, Pearl River, New York, for the Lederle Medical Faculty Award Fund.
7. \$7,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for the Smith, Kline & French Laboratories Foundation Fund in the College of Pharmacy.
8. \$5,000.00 from General Telephone and Electronics Foundation, New York, New York, for the Donald C. Power Fund in the College of Commerce and Administration.
9. \$5,000.00 from Public Welfare Foundation, Inc., Washington, D. C., (In the name of Mrs. Clara Weisenborn) for the Ophthalmology Center Fund.
10. \$4,842.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
11. \$4,000.00 from E. R. Squibb & Sons for the Division of Hematology and Oncology Research Fund.
12. \$3,750.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Scholarship Fund.
13. \$3,291.52 from The National Fund for Graduate Nursing Education for the Graduate Nursing Education Fund.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

14. \$3,000.00 from American Cyanamid Company, Wayne, New Jersey, for the American Cyanamid Fellowship Fund for Chemistry.
 15. \$3,000.00 from Parke, Davis and Company for the Parke, Davis and Company Research Fund in Chemistry.
 16. \$3,000.00 from Phillips Petroleum Company for the Department of Agronomy.
 17. \$2,860.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
 18. \$2,000.00 from the C. R. Porthouse Charitable Trust Fund for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
 19. \$2,000.00 from The Refractories Institute for the Refractories Institute Research Fund in Ceramic Engineering.
 20. \$1,656.30 from Edgar Dale for the Field Enterprises Educational Corporation Fund.
 21. \$1,075.05 from Harvey S. Firestone, Jr., for the Center for Tomorrow Fund.
 22. \$1,000.00 from International Brotherhood of Electrical Workers, Washington, D. C., for the I. B. E. W. Demonstration Film Project.
 23. \$1,000.00 from Harry G. Schmidt for the Ottawa Club Fund.
- TOTAL - Received Through The Ohio State University Development Fund
\$136,451.52

C. Gifts-in-Kind

1. A gift of a Lindberg Type TRV20-212K Silicon Crystal Puller from the Lindberg Hevi-Duty, Division of Sola Basic Industries, Chicago, Illinois, for use in the Department of Metallurgical Engineering.
2. A gift of two Stress Relief Units from the Stress Relief Engineering, Inc., Costa Mesa, California, for use in the Department of Welding Engineering.
3. A gift of one-third interest in an Angus Bull, Maori Heckettier, from Mrs. E. N. Heckett to the College of Agriculture and Home Economics.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Funds Received for Royalties Account

\$1,220.00 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.

E. Change in Name and Description of the Michael Peppe Scholarship Fund

At the request of the principal donors and Michael Peppe, and with the approval of the Development Fund Board of Directors, President Fawcett recommended that the name and description of the Michael Peppe Scholarship Fund be changed to read as follows:

The Michael Peppe - Carl Wirthwein Scholarship Fund was established November 1, 1963, by gifts through the Development Fund in honor of Michael Peppe, Professor Emeritus of Physical Education and Head Swimming Coach from 1930 until his retirement in 1963; and in honor of Carl Wirthwein, who served as Assistant Swimming Coach from 1936 to 1967.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. The income is to be used for scholarships for students who become members of the University swimming or diving teams, upon the recommendations of the head swimming coach.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the swimming or diving teams 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 scholarships for needy students.

(The amount deposited in this fund now totals \$12,135.00.)

F. Change in Name of Emil H. Arnold Fund for Optometry

Dr. Emil H. Arnold, for whom an endowment fund in Optometry was named, died on April 7, 1968; and President Fawcett recommended, therefore, that the Emil H. Arnold Fund for Optometry be changed to the Emil H. Arnold Memorial Fund for Optometry.

Upon motion of Mr. Hilliker, seconded by Mr. France, the acceptance of the foregoing grants, gifts, and royalties, the establishment of the above-named fund, the change in name and description of the above-identified fund, and the change in name for the foregoing specified fund were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

G. Report from The Ohio State University Development Fund

In March, 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	1,171	\$ 60,524.13
Individuals other than alumni	160	10,136.35
Nonprofit organizations	39	72,768.59
Business concerns	18	44,597.78
	<u>1,388</u>	<u>\$188,026.85</u>

Of these gifts, 693 totaling \$5,680.00 were undesignated and 695 totaling \$182,346.85 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. Derby Hall Computer Facility

This project involves complete renovation of existing space immediately west of the present computer room to essentially triple the total computer room floor area.

Funds for this project will be provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801158 (Construction Account for Derby Hall Computer Facility).

Upon motion of Mr. Safford, seconded by Mr. Jones, 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. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered request shown below accomplishes the following purposes:

May 9, 1968 meeting, Board of Trustees

VI. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS (continued)

A. Controlling Board Approvals

- 41 Approves the award of contracts to the lowest and best bidders for the project "Biological Sciences Building" and the release of \$5,807,685.00 from Item 315-031, H. B. 886, so that funds may be encumbered for this project.
- 42 Approves the purchase of property commonly known as 2386 Kenny Road.

B. Emergency Board Approval

- 13 Approves the allocation of \$13,049.00 from emergency funds to replace the University owned materials, supplies, and equipment that were destroyed and to repair the damage to the building, ElectroScience Laboratory, caused by fire.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Student Health Facility - Architect's Contract Supplement

The employment of the firm of Freshwater, Harrison and Associates, was approved at the February 10, 1967, meeting of the Board of Trustees, based on the standard fee schedule. The subsequent decision to maintain the Service Road necessitated a complete redesign of the main entrance, including a porch, exterior stairs and ramp. This was work not covered by the original contract.

President Fawcett therefore recommended that the architects be reimbursed for this work at a fee not to exceed \$1,608.31. Funds are available in Budget Account 801066.

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

B. Acquisition of Property, Rear of 3505 West Granville Road

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, the following resolution was presented with a recommendation that it be adopted:

WHEREAS, The Ohio State University Board of Trustees authorized on December 10, 1964, the investment in real property in the University Airport area; and

May 9, 1968 meeting, Board of Trustees

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

B. Acquisition of Property, Rear of 3505 West Granville Road (continued)

WHEREAS, pursuant to that authority, an agreement has been negotiated to purchase 7.57 ± acres located at the rear of 3505 West Granville Road, Worthington, Ohio, from Nancy M. (Delewese) Fridd et al; and

WHEREAS, said purchase has now been negotiated in accordance with said authorization;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of The Ohio State University authorize the President and/or Vice President for Business and Finance to proceed to execute the necessary documents to complete the purchase of the above property as a part of the Investment Portfolio.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above resolution was adopted unanimously by roll call vote.

C. Naval Science - Air Condition Physical Education Building
(1940 Addition)

With the concurrence of the President's Cabinet, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with air conditioning and minor remodeling of the space in the Physical Education Building, 1940 Addition, which space is assigned to the Naval Science Department of instruction.

The cost of the project is not to exceed \$35,000.00 from available funds in the Civilian-Military portion of the Mershon Fund allocated for the 1967-68 budget. Said funds will be transferred to Budget Account 801161 for this project.

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

D. Midwestern Volkswagen Hangar at University Airport

With the concurrence of the President's Cabinet, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with negotiations for the construction of a hangar at University Airport by Midwestern Volkswagen Corporation, which agreement shall protect the interests of the University and provide the University with an enhancement of the program of teaching, research, and service of the Department of Aviation. The proposed facility will revert to the University at the end of a fifteen-year period.

May 9, 1968 meeting, Board of Trustees

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

D. Midwestern Volkswagen Hangar at University Airport (continued)

Mr. France moved and Mr. Jones seconded the motion that the Vice President for Business and Finance be authorized to proceed with negotiations for an agreement to be signed by the Midwestern Volkswagen Corporation and the University, subject to approval by the Board of Trustees at a future date.

During the ensuing discussion, Mr. Shocknessy indicated that it was his understanding that the proposed facility is to be used by the Midwestern Volkswagen Corporation for 15 years free of rent and that at the end of that period the University will have the enjoyment of the hangar. He further stated that Vice President Carson should make certain that the benefit which the University is to receive at the end of 15 years should be equivalent to the rent that the University would receive for the use of such a facility for that period of time. It must be ascertained also that this contractor (Midwestern Volkswagen Corporation) will not derive unconscionable advantage over others similarly situated.

Upon roll call vote, the above motion was approved unanimously.

E. Dormitory Room and Board Rates

WHEREAS, by 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 dormitory facilities as will pay the cost of maintenance and operation and provide for the payment of principal of and interest on the bonds and other payment to special funds required by Section 9 of the Bond Resolution; and

WHEREAS, the rates set forth below are hereby determined to be in compliance with the aforesaid covenants; and

WHEREAS, on June 1, 1967, the minimum wage was increased from \$1.33 to \$1.40 per hour and increased again on July 1, 1967, to \$1.54; and

WHEREAS, House Bill 93 mandated an increase of one step plus an additional 10 per cent for those who were not in old Step 5, and a 10 per cent increase for all others; and

WHEREAS, effective June 3, 1968, certain workers were granted an increase; and

WHEREAS, on July 1, 1968, all workers will receive another increase of approximately 5 per cent; and

WHEREAS, on November 4, 1968, custodial workers will have a wage increase approximating 15 per cent and craftsmen a wage increase approximating 10 per cent;

May 9, 1968 meeting, Board of Trustees

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

E. Dormitory Room and Board Rates (continued)

NOW, THEREFORE, BE IT RESOLVED that dormitory fees beginning Autumn Quarter, 1968, and continuing through the school year 1969, be established at \$969.00 for all students whose continuous residence in University Residence Halls is six quarters or less. Beginning the 7th quarter and continuing through the 9th quarter of continuous residence the rate shall be \$939.00. Beginning with the 10th quarter of continuous residence, the rate shall be \$912.00. All rates thus established here are for the three academic quarters--Autumn, Winter, and Spring. For the purpose of determining continuous occupancy, Summer Quarters are excluded.

Rates stated do not apply to Stadium Scholarship Dormitory, Neil Hall, Jones Graduate Tower, and Married Student Housing.

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

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VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of John Clinton Prior, Professor Emeritus in the Department of Civil Engineering; Alpheus Wilson Smith, Dean Emeritus of the Graduate School and Professor Emeritus in the Department of Physics; Inez LeSuer Prudent, Professor in the School of Home Economics; and Howard Landis Bevis, President Emeritus of The Ohio State University. 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 Clinton Prior

The Board of Trustees expresses its sorrow at the death on April 2, 1968, of John Clinton Prior, Professor Emeritus in the Department of Civil Engineering.

Professor John Clinton Prior was born in Buckhorn Furnace, Lawrence County, Ohio, on December 23, 1883, the son of a clergyman. He was educated at Doane Academy and Denison University from which he received a bachelor's degree in 1906, having taken all the courses in civil engineering available in the general scientific course. Subsequently, he took advanced courses in engineering at The Ohio State University; and in 1929, he was granted the professional degree of Civil Engineer following waiver of the requirement that a candidate be a graduate of The Ohio State University.

Following graduation from college, Professor Prior held for nine years various positions of increasing responsibility with the Engineering Department of the City of Columbus. His work was devoted chiefly to flood control and to structures for grade separations. This was followed by two years of flood-control work with the Franklin County Conservancy District, after which he was associated with the consulting firm of Braun, Fleming, Knollman & Prior of Columbus. In 1923, he became associated with the Columbus

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. John Clinton Prior (continued)

Department of Water and directed phases of the expansion and extension of its services, continuing in that capacity until 1932.

In 1924, he received a part-time appointment at The Ohio State University as Professor of Municipal Engineering; and in 1926, his title was changed to Professor of Sanitary Engineering. He held this post until his retirement from the University in 1954. Professor Prior engaged in varied consulting work and public service until 1951.

Among his activities were membership on the Columbus Planning Commission (1936-47) and the Board of Inquiry of the Ohio Department of Highways (1937-38). He was held in high regard by all his associates because of his great dignity, equanimity, and objectivity. His teaching was strongly benefited by his wealth of practical experience.

Professor Prior was a member of the American Water Works Association, the American Geophysical Union, the American Society for Engineering Education, and the American Society of Civil Engineers. He served as President of the latter Society's Central Ohio Section in 1936. He was active on several professional committees and wrote a number of technical articles for engineering journals.

Professor Prior continued active in engineering work for a few years after his retirement from The Ohio State University. Even after he became a resident of First Community Village, his energy impelled him to serve as Mayor of that settlement in 1964.

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. Alpheus Wilson Smith

The Board of Trustees expresses its sorrow at the death on April 18, 1968, of Alpheus W. Smith, Dean Emeritus of the Graduate School and Professor Emeritus in the Department of Physics.

Dr. Smith was born in Phillippi, West Virginia, on January 15, 1876, and received his Bachelor's degree from West Virginia University in 1900 and his Master's and Doctor of Philosophy degrees from Harvard in 1903 and 1906. He served as Instructor of Science and Latin at the West Liberty Normal School in West Virginia in 1900-1901, Instructor of Physics at Bowdoin College in 1906, Haverford College in 1906-1907, and the University of Wisconsin in 1907-1909.

Dr. Smith joined the faculty of The Ohio State University in 1909 as Assistant Professor in the Department of Physics and held this rank until 1917 when he was made a Professor. He held the academic rank of Professor until his retirement in 1946. Dr. Smith served as Chairman of the

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Alpheus Wilson Smith (continued)

Department of Physics and Astronomy from 1926 to 1946 and was, in addition, appointed as Dean of the Graduate School for the period from 1938 to 1946. After his retirement, Dr. Smith served as President of The Ohio State University Research Foundation from 1946 to 1957.

Dr. Smith is generally credited with doing more than any other individual to establish the University as a major research center. A citation he received upon his retirement stated: "Dean Smith's statesmanship has brought the Graduate School to a position of national and international recognition. The radiation laboratory, the cryogenic laboratory, the graduate programs in medicine and surgery, and the integrated cooperation with other schools are but a few examples of his accomplishments."

Dr. Smith was a Fellow of the American Physical Society, the Academy of Optometry, the American Association for the Advancement of Science, and the Ohio Academy of Science. He was a member of Sigma Chi, Sigma Xi, and Phi Beta Kappa fraternities. Recognition of his work came to Dr. Smith in the form of honorary degrees from Ohio Wesleyan University, Sc. D. in 1942; The Ohio State University, LL. D. in 1946; and Capital University, Sc. D. in 1949.

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.

C. Inez LeSuer Prudent

The Board of Trustees of The Ohio State University expresses its sorrow at the untimely death April 12, 1968, of Inez L. Prudent, Professor in the School of Home Economics.

Professor Prudent was born July 30, 1900, in Toledo, Ohio. She attended the public schools of Pana, Illinois, and graduated with honors from the University of Illinois. Her M. S. degree was from the University of Iowa and the Ph. D. degree in food and nutrition was completed at Iowa State University in 1947. Her rich background of professional experience included eight years of teaching science in the public schools of Illinois; serving as therapeutic dietitian in several hospitals; college teaching at Russell Sage College and the University of Illinois; and serving as nutritional specialist at West Virginia State University and Cornell University.

Professor Prudent joined The Ohio State University and the Ohio Agricultural Research and Development Center faculties in 1947 as Associate Professor and Head of Food and Nutrition in the School of Home Economics. She was promoted to the rank of Professor in 1956.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Inez LeSuer Prudent (continued)

Professor Prudent was an excellent teacher and a recognized scholar in her field. Her major research interest was in the field of food science. Numerous publications attest to her competence and interest in the application of science in achieving good nutrition for people. She was active in many scientific societies including the American Chemical Society, American Association for the Advancement of Science, Institute of Food Technologists, Ohio Public Health Association, American Home Economics Association, and American Dietetic Association. She held membership in six honor societies including Phi Beta Kappa, Sigma Xi, Sigma Delta Epsilon, and Omicron Nu.

The loss of Professor Prudent will be keenly felt by her community, her professional associates, and especially by those many former students with whom she has kept in touch and who have continued to cherish her professional guidance and deep friendship.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Prudent 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. Howard Landis Bevis

The Board of Trustees expresses its special sorrow at the death on April 24, 1968, in University Hospital, of Howard Landis Bevis, President of the University from February 1, 1940 to July 31, 1956, and President Emeritus since then.

Dr. Bevis was born November 19, 1885, in the village of Bevis, Hamilton County. His forebears were among the original settlers of that portion of the Northwest Territory. He first attended the Cincinnati Technical School and then the University of Cincinnati where he was awarded the B. A. degree in 1908 and the LL. B. degree in 1910. A decade later he attended the Harvard Law School as a graduate student where he received the degree of S. J. D., Doctor of Juridical Science, in 1920.

Following his admission to the Ohio Bar in 1910, he began the practice of law in the office of Judge Stanley Struble in Cincinnati. The next year he entered into a partnership with Nathan Isaacs which continued until 1912. Dr. Bevis then practiced law alone for six years until he entered the service in World War I. In that conflict, he served in several capacities in 1918-19 with the Ordnance Department and with what was to become the Army Air Service. In the former he codified its voluminous rules and orders that had accumulated during the war. Later he was made head of the legal section of the finance division of the Air Service for war contracts.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

In 1921, he was named Professor of Law at the University of Cincinnati. During this period, he became greatly interested in Cincinnati's political problems and served in 1926 as Secretary of the Charter Amendment Committee there.

In 1931, Governor George White named Dr. Bevis State Director of Finance. His immediate but difficult problem was to reduce the general revenue budget for Ohio from \$86,000,000 to \$48,000,000 as "painlessly" as possible. It was during this trying economic period that Dr. Bevis first began to come into close touch with the administrative officers of the University of which in less than a decade, he was to be elected President.

In 1933, the Governor named Dr. Bevis to a vacancy on the Ohio Supreme Court where he served for eighteen months. He next accepted the Ziegler Professorship of Law and Government at Harvard and was on the faculties of its graduate schools of business and public administration; but at the request of the new Governor, Martin L. Davey, he postponed his departure for Cambridge in order to serve again as Finance Director of Ohio. He then filled the Chair at Harvard until called to The Ohio State University. He held memberships in the American, Ohio, and Cincinnati Bar Associations. He was the author or co-author of four books on law. He was also a contributor to various law and other journals. Among many other organizations, he was a member of Phi Beta Kappa and the Order of the Coif.

Inevitably Dr. Bevis played many other roles during his long public career. In 1932-33, he was on the Ohio Relief Commission. In 1942-45, he was Chairman of the Franklin County War Finance Committee and two years later served as Vice Chairman of the Labor Legislation Commission. For a decade, he was President of the Inter-University Council of Ohio. One of his most important assignments came in 1955 when President Dwight D. Eisenhower appointed him Chairman of the President's Commission on Scientists and Engineers. During his four-year service in this capacity, he traveled 75,000 miles in the interest of increasing the number of U. S. scientists and engineers. He was for years Director of the City National Bank & Trust Co., Columbus, and of the Federal Home Loan Bank, Cincinnati, of which he was Chairman.

Over a period of eighteen years, he was the recipient of thirteen honorary degrees: eleven LL. D.'s, an L. H. D., and a D. Hum. One of the first to honor him was his alma mater, the University of Cincinnati, in 1940, with an LL. D. The Ohio State University on August 31, 1956, conferred upon him an LL. D. degree.

Along the way, Dr. Bevis collected other significant honors. For his address, "Quo Vadis?" delivered at the June, 1950 commencement, he received a Freedoms Foundation Award. In 1954, Temple Israel of Columbus gave him its sixth annual Brotherhood citation for the "example of leadership that he has given the community in general and the campus

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

community of The Ohio State University in particular, setting a standard of service unlimited by considerations of race or creed." He was also active in Masonry where he was elected to the 33rd degree. He was active in educational circles, especially the Association of Land-Grant Colleges and Universities, the National Association of State Universities, and the Ohio College Association. He played a significant role, as noted, in the development of the Inter-University Council of Ohio, which, for the first time, brought Ohio's six state-supported universities permanently together. He was its second President and served for some years in that capacity.

Dr. Bevis assumed the Presidency of The Ohio State University at a significant and critical time. He was the University's seventh President, and his tenure of exactly sixteen and a half years was the second longest in the University's history. In that time, it went through these major stages: preparation for war, conversion to war with the entire campus on an accelerated basis, and as early as 1942-43 beginning to plan for reconversion to peace in anticipation of unprecedented enrollment with accompanying record demands upon it for curricula and facilities. From the time of Dr. Bevis' arrival on the campus, major changes affecting the University occurred. One was the implementation of the Faculty Council. This updated the internal structure of the University and made it more responsive to the needs of the times. Another was an early staff and line reorganization in which the number of Vice Presidents went from one to three, with other non-teaching functions realigned or spelled out so as to make the administration of the University more effective.

Steps were taken promptly also to "improve the effectiveness of the entire University program"--teaching, research, administration, and public service. The role of the University Research Foundation was expanded greatly. This was of particular importance when the University began to get defense contracts that ran into the millions of dollars. Some of these played a substantial part in the war effort, including aspects of the atomic bomb.

With the attack on Pearl Harbor, the University was more ready than many other universities to shift to a wartime basis. The academic program was accelerated with important defense activities such as the Navy Recognition School, the Army Specialized Training Program, the Specialized Training, Assignment, and Reclassification program, and special Navy programs. The number of men from the Armed Forces sent to the campus ran into the thousands.

Dr. Bevis' reaction to Pearl Harbor was characteristic. He put the University's machinery into wartime gear. He discussed the emergency situation at separate meetings of the students and faculty and used the facilities of WOSU to reach the parents of students. He realized that many students would soon enter active service; but in the meantime, he urged them to stay in school until called on the ground that the better prepared they were the better off they would be.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

During the war years, he saw the enrollment shrink from 17,568 in 1940-41 to a low of 6,057 in the Spring Quarter, 1944. It was estimated that up to 18,000 alumni and former students served in the Armed Forces. The University Honor Roll of war dead totaled 699. To the next of kin in each case the University sent a memorial scroll over Dr. Bevis' signature.

With the end of the war, the University entered upon a period of major readjustment and reconversion. Even before this, Dr. Bevis realized that peace would bring new problems of unprecedented dimension. In this conviction, he was quickly borne out by the size of the veterans' "bulge," by major housing problems, by the immediate need for a larger faculty and staff and, above all, for funds to meet the emergency. In some cases, temporary relief was given, but in the main Dr. Bevis strove for long-range solutions to meet the demands of the new day.

Out of this in time grew all sorts of improvements--academic, administrative, and physical. Above all he was insistent upon maintaining and improving the quality of the teaching staff and of tailoring the academic program to the specific needs of the thousands of returning veterans. Within a few years, under his leadership and guidance, came such major improvements as the new multi-million dollar University Hospital, the beginnings of a major dormitory program, many new academic buildings, and ultimately a new Ohio Union, Mershon Auditorium, St. John Arena, and French Field House to meet the almost desperate need for adequate, modern, non-academic facilities.

In time the veterans' "bulge" receded, the enrollment shrank and some felt that the University could get along with less--a smaller staff and smaller appropriations. But Dr. Bevis predicted correctly that the University must work steadily to improve its faculty, to raise the quality of its offerings, to expand its service to the state, to enlarge its research program and, in particular, to enhance its position as a leader in graduate and professional work. Time proved him right in all of these respects, and before he retired from the Presidency, much of what he had striven for had become reality.

Over his years in that office, he frequently expressed his philosophy of higher education and, at the same time, disclosed his personal beliefs. In retrospect, it was remarkable how often he correctly assessed the state of the University at the moment or predicted its course in the near future. At the annual Trustees' meeting in September, 1945, for example, he gave a "Survey of Prospects and Needs" and a year later, similarly, presented detailed "Suggestions for Long Range Plans for Ohio State University." In his annual report covering 1947-48 he called it "A Year of Fruition." At the Autumn Quarter, 1949 faculty meeting, he spoke on "The Mission of the University." At the June, 1951 Board meeting, he reported on "Ohio State in 1951." Again at the 1952 annual meeting of the Trustees, he gave a "State of the University" report and did likewise in December, 1953.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

One of his most notable utterances was in the peroration of his inaugural address in October, 1940. "For us who cherish the civilization wrought by the champions of free spirits and free minds," he declared, "events now making may strike the hour of destiny. In that civilization I was bred, in it I want to live. In my firm belief its perpetuation depends on faith and knowledge, faith to keep us facing to the mark though mists obscure and mountains rise between; knowledge to implement that faith and multiply our powers. To that end I would dedicate myself. To that goal I would point this university."

It was significant that he repeated these exact sentiments in closing his address to the June, 1956 graduating class when he spoke on "Around the Next Corner." He emphasized that people "become a source of strength and power to our nation, only when they are trained, trained to transmute the resources of the land we now possess into more and more and better and better things. In the material sense, this is the mission of the University. Changing the old adage, we can say with almost literal truth: where there are no universities the people perish. Upon its colleges and universities rests the future of America."

Dr. Bevis noted that in his time, between 1940 and 1956, the value of the physical plant grew from \$23.5 million to \$85 million. In two decades, he added, "Our research has multiplied more than fifty times. Our graduate work is taking high rank in the nation. Our distinctive position as a regional center of graduate work, professional work and research is fast becoming a reality." But he intimated that it was still only beginning.

In February, 1950, he and Mrs. Bevis were the guests of honor at a dinner given by the Trustees who presented him with an illuminated scroll. This document summed up the accomplishments of his first decade as President, "Assuming office in a period of national economic distress," it read, "he has guided the University through challenges of the post-war demands upon higher education. He has enhanced its faculty, he has transformed its physical plant, and he has created an atmosphere in which teaching and scholarship have flourished. In a period of international confusion, he has been sure of direction and purpose; in the midst of hostilities he has maintained a humane sympathy and tolerant understanding; in a time of uncertainty and perplexity in the educational world, he has kept his poise in wise leadership."

A Board resolution about him in June, 1956 expressed "sincere appreciation for the invaluable services which have been rendered to The Ohio State University over the period of the last seventeen years. Under his leadership this great institution of learning has grown and prospered. As was said of Christopher Wren, if we seek a lasting monument to his work we have only to look around us. He has served us well in both war and peace. We hereby extend our heartfelt thanks and every good wish in the years that lie ahead."

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

Unquestionably Howard Landis Bevis left an enduring mark upon the University. This can, indeed, be seen everywhere, not only in brick and stone but in his impress upon the minds and lives of those who served with him and under him. This makes for a kind of irreducible debt to him.

Dr. Bevis was a modest man, invariably patient, tolerant and understanding. He was also a religious man, a fact borne out by his frequent references to the Scriptures as well as by his life. He was likewise a man who all his days gave of himself unselfishly and unobtrusively for his fellowmen. Nowhere did he practice this more generously or more productively than during his Presidency.

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. REPORTS

A. Report on the Physical Condition of University Hall

Vice President Carson upon the request of President Fawcett presented the following report on the physical condition of University Hall:

Dr. Carson stated that on April 19, 1968, a report was received that Room 405C of University Hall had developed a floor bulge. An immediate investigation was made and the engineering firm, Jones-Stuckey Ltd., was employed to make a thorough examination of the structure of the north wing of the building in which the auditorium, classrooms, and offices are located.

A report from Jones-Stuckey Ltd. received on April 29 is summarized as follows: ". . . Failure in these trusses could result in catastrophic collapse of the entire north wing. This condition casts sufficient doubt on the structural integrity of the north wing to consider it unsafe."

Immediate action was taken to abandon all activity in the north wing of the building which includes the auditorium. Vice President Carson concluded with the statement that "Evidence of continuing deterioration in the structural integrity of University Hall presents a serious problem which demands attention."

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

A. Report on the Physical Condition of University Hall (continued)

Dr. Bertram D. Thomas then stated, "One thing we should never temporize with is safety." He added that "Since I have been on this Board, the question of what to do with University Hall has been discussed frequently. I recognize that there is much sentiment for the building. However, I understand fully that this Board in its fundamental responsibility for safety cannot afford to continue on the basis of sentimentality."

Dr. Thomas presented the motion instructing the University administrative officials to move toward the abandonment of the entire University Hall facility as soon as such abandonment can be conveniently arranged.

The motion was seconded by Mr. Shocknessy and adopted unanimously by roll call vote.

President Fawcett commented that "University Hall is located in a critical position on the campus since it houses several of the basic education departments of instruction in the areas of the humanities and social sciences. We must restore the academic space in this area at the earliest possible moment because of the need for faculty and students of these departments to have close access to the University library." He added that "The estimated cost to replace the space provided by University Hall is \$5 million."

B. Report from the Office of the Ohio Board of Regents

President Fawcett reported for information and the record that the Office of the Ohio Board of Regents:

1. Authorized the allocation of \$165,000.00 to The Ohio State University for the following projects for the summer of 1968:
 - a. Workshop for Master Teachers in Inner-City Schools
 - b. Institute for University Faculty on Education of the Disadvantaged
 - c. Governor's Invitational Conference on Skilled and Technical Manpower
2. At its meeting on April 19, 1968, the request for the increase of the Student Service Fee for The Ohio State University in the amount of \$5.00 per quarter, as approved by the Board of Trustees on March 14, 1968, was tabled for reconsideration at a later time when student enrollments for 1968-69 will be known.

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History

The President stated,

There has been wide public interest both on and off the campus in the David E. Green case involving the alleged burning of a draft card and other matters related thereto. This matter is under careful investigation by the University. The case has never been closed and some new evidence related to this matter has now come to our attention.

The investigation is being carried forth under the rules and regulations of the University.

I will make a full report on this matter, including a recommendation, at the June meeting of the Board.

D. Report on the Friday, April 26, 1968, "Seizure" of the Administration Building

President Fawcett reported that in regard to the "seizure" of the Administration Building on Friday, April 26, 1968, "We are proceeding in accord with the direction of this Board and with the rules of the University." He stated further that "Steps have been taken to implement procedures for hearing the cases of those persons charged with violations of University rules and for the assessment of discipline of students found guilty. There has been some question regarding these hearings being closed to the general public. They are not open to the general public for reasons of protecting the individual students whose cases are being heard and this policy is one that has been firmly established by this University. I am advised by Executive Dean Bonner that this is the policy of major universities of the country. As soon as the hearings are completed, the public will be informed of any action taken."

E. Alumni Distinguished Teaching Awards

The Secretary reported for the record the names of those members of the faculty who were honored at the Spring Quarter Faculty Meeting on April 18, 1968, and presented with the Alumni Distinguished Teaching Awards. They were as follows:

Albert L. Clovis, Assistant Professor, College of Law

Robert K. Denton, Assistant Professor, Department of Anthropology

Rodney F. Plimpton, Jr., Assistant Professor, Department of Animal Science

Clara G. Weishaupt, Associate Professor, Department of Botany

Andrew A. Wojcicki, Associate Professor, Department of Chemistry

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

F. Report on the University's Investment Portfolio

The report dated May 9, 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; and Vice President Carson was authorized to proceed with the appraisal and sale of a parcel of land, consisting of five acres more or less, located in Cowell County, Kansas, held in the Investment Portfolio.

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X. 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, 1968, and shall continue through the May, 1969 meeting of the Board:

Chairman - John W. Bricker

Vice Chairman - Bertram D. Thomas

Secretary - John T. Mount

Treasurer - Gordon B. Carson

Mr. Jones seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board with Mr. Bricker abstaining from voting for the Chairman and Dr. Thomas abstaining from voting for the Vice Chairman.

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Thereupon the Board adjourned to meet Thursday, June 13, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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APPENDIX VIII

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 7, 1968

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The Recipients of Honors

JAMES A. RHODES

DOCTOR OF LAWS

Governor of Ohio, dynamic public administrator, friend of education, whose creative leadership is transforming a plan for progress into a reality of history.

James A. Rhodes, sixty-first Governor of Ohio, has made the strengthening of public higher education one of the paramount missions of his administration. His goal of providing educational opportunities for all Ohio's young people to the extent of their abilities has been in the true spirit of the land-grant ideal upon which The Ohio State University was founded. Under the leadership of Governor Rhodes, the State system of higher education has been extended to the doorstep of virtually every college-age youth in Ohio, and the long-established State universities have received new levels of support to help meet the new levels of service required.

Throughout his public life—as Auditor and Mayor of Columbus, as Auditor of State, and now as Governor—James A. Rhodes has kept in touch with the times and with the people he has served. And the people have responded affirmatively to this hard-working public servant who, with sleeves rolled up, has confronted the challenges of a major industrial state and has maintained, as well, an effective partnership with the grass-roots citizenry of Ohio.

Governor Rhodes' formula for the advancement of Ohio is eminently simple, irrefutably sound: educate the people and provide jobs for them. And he has demonstrated, often by sheer personal drive, that the formula works. He has led a vigorous program of economic development which has brought unprecedented industrial growth to Ohio and, most importantly, the job opportunities which such growth produces. At the same time, he has made unmistakably clear, by word and deed, his understanding of the vital role of higher education in Ohio's plans for progress.

A self-made man who rose from humble beginnings to the highest office of this State, James A. Rhodes has been honored many times and in many ways for a lifetime of public service performed with distinction. Now in his second term as Governor, he knows better than perhaps any other person the unfinished tasks facing the State of Ohio. They are formidable tasks. Yet there has been no compromise in the high goals he has set for Ohio and no slowing of the momentum which has been generated by his impressive accomplishments.

LYMAN S. FORD

DOCTOR OF HUMANE LETTERS

Social welfare administrator, who has given distinguished leadership to the planning and funding of voluntary social services in the United States and Canada

Lyman S. Ford, Executive Director of the United Community Funds and Councils of America, is a leader and researcher in his chosen field of community welfare organization. For 36 years he has devoted his managerial efforts toward the development and improvement of the voluntary health and welfare system. Recently he joined with leaders of the Federal Government, business, and labor on matters of collaboration between government and voluntary agencies in the solution of basic social welfare problems.

Mr. Ford received his A.B. degree from Denison University in 1931. He began his professional education at The Ohio State University in 1931 and completed the degree of M.A. in Social Administration in 1937.

His social work career began as Public Relations Director at the Columbus, Ohio, Community Fund and Council of Social Agencies. He moved quickly to Executive Secretary of the Community Chest of Kansas City, Kansas, and five years later to a similar position at Evanston, Illinois. In 1942, he joined the staff of United Community Funds and Councils of America as Director of Health and Welfare Planning. In 1960, he became its Executive Director.

During his eight years as Director, Mr. Ford has had a prominent role in the transition of the Council movement in America from a service-oriented to a community problem-centered approach; in the development of uniform accounting and service reporting systems for voluntary agencies, Funds, and Councils; in the inauguration of the United Health Foundation and its research and service to local health foundations; and in the preservation and strengthening of the concept of voluntarism.

Mr. Ford has contributed a number of articles to health and welfare publications and to the *Encyclopedia of Social Work*. He has served on the boards of five related national social welfare organizations. He is a member of the Board of Trustees of Denison University, and in 1953, Denison awarded him the Alumni Citation for Distinguished Service.

His imagination and vision have been instrumental in prodding the established voluntary agencies into evaluating their roles in working cooperatively with government agencies at all levels in helping to solve the massive problems of poverty and social change. His leadership is a dynamic force in the major voluntary health and welfare organization in the country.

WALTER CRONKITE

DOCTOR OF HUMANE LETTERS

Outstanding journalist, champion of the public's right to be informed, a man of rare conscience, perception, and courage, whose influence in today's world is beyond measure

The name of Walter Cronkite is so well known throughout this country that any identification is superfluous. As Managing Editor of CBS Evening News as well as reporter and anchor man for special broadcasts on a wide variety of subjects, he has been called "the single most convincing and authoritative figure in TV news." His significant contributions have fostered interest in and understanding of history by the American people through such programs as "Eyewitness to History," "The Twentieth Century," and "The Twenty-first Century."

In addition to the fact that he reaches more people on a regular basis than perhaps any other man in America, Mr. Cronkite also demonstrates a continuing concern for and questioning of the proper role of television in a mass society dominated by mass media. He has been a leader in examining the public responsibility of both commercial and non-commercial public affairs broadcasting and in re-defining the respective responsibilities of print and electronic media.

Mr. Cronkite has also been a leading spokesman for professionalism in American television newscasting. He has advocated special training for television reporters that they might gain a more highly developed news sense, a more disciplined news judgment, and a stronger commitment to responsible and autonomous public affairs broadcasting.

Less well known is Mr. Cronkite's participation in the behind-the-scenes struggles in the early days of television journalism to establish and maintain the autonomy and integrity of television newscasting. His efforts then and throughout his career have demonstrated his dedication to the right of the public to know and to be informed.

Today, Walter Cronkite stands at the top among television's news figures. More than a superlative working reporter and journalist, he is a news policy maker of substantial importance who has reached beyond the television industry to the broader arena of mass decision-making and influence.

A man of conscience and rare perception, Walter Cronkite is a symbol of decency and a model of intelligent reporting. His professional ethics and achievements have become a standard of excellence for today's aspiring journalists. He has raised the level of American journalism significantly. The nation is richer for his presence and his influence.

HENRY CHAUNCEY

DOCTOR OF LAWS

Educator and administrator, whose pre-eminent contributions to the field of educational testing have enriched education at all levels, both in this country and abroad

Henry Chauncey, President of Educational Testing Service, is known and respected in educational circles throughout the world as an imaginative and effective leader in the field of educational testing. Mr. Chauncey has guided the development of that organization from its modest beginnings in 1948 to the present. Literally every college and university in this country and many in foreign lands have benefited from the work of ETS. Through the Graduate Record Examinations, through its research in learning theory, through its institutional evaluation service, through its sponsorship of Educational Services, Inc. (now part of the Educational Development Center), and in many other ways, Educational Testing Service has been a strong force for quality and innovation in higher education. To Henry Chauncey, the distinguished President of this remarkable organization, must go a large part of the credit.

A native of Brooklyn, New York, Mr. Chauncey began his lifetime association with higher education as a freshman at The Ohio State University in 1923. He received his A.B. degree from Harvard College in 1928, and did post-baccalaureate work in the Harvard Graduate School of Arts and Sciences in 1929-31.

Prior to becoming the first President of ETS in 1948, Mr. Chauncey served successively as a teacher of history at the William Penn Charter School (1927-29), Assistant Dean and later as Assistant to the Dean of the Faculty and Chairman of the Committee on Scholarships at Harvard College (1929-45), Assistant Director, Army-Navy College Qualifying Tests, College Entrance Examination Board (1943-45), Associate Secretary and Acting Executive Secretary of the College Entrance Examination Board (1945-46), and Director of the College Entrance Examination Board (1946-48).

Mr. Chauncey's intimate knowledge of educational problems and of the educational process has placed him in great demand as a member of numerous policy-making boards and committees. At the national level alone, his contributions have included the following: Member, Advisory Committee on Foreign Service Examinations, U.S. Department of State; member, Special Panel on Scientific Personnel, Scientific Manpower Commission; member, Education Panel, President's Service Advisory Committee; head, team of American educators to visit the Soviet Union, sponsored by the U.S. Office of Education under the Cultural Exchange Act.

In an uncommonly high degree, Henry Chauncey exemplifies the purposes and ideals of the university. The Ohio State University is honored today to honor him.

CLARENCE C. KELLER

BENJAMIN G. LAMME MEDAL

Prominent industrial leader and creative engineer

Clarence C. Keller, President and Chief Executive Officer of the Holophane Company, has made a career of brightening people's lives. He has led his company to the position of acknowledged leader in the manufacture of quality lighting equipment for industrial plants, schools, offices, and for street and other outdoor lighting. In 1929 Mr. Keller received the Bachelor of Electrical Engineering degree from The Ohio State University and the professional degree, Electrical Engineer, in 1936.

Joining the Holophane Company of Newark, Ohio, in 1929 as a test engineer, he was soon promoted to the position of Manager of Application Engineering and moved to New York City. He advanced through many positions in the sales department before being named President of the company in 1961. Under his direction, his firm has grown from one plant to seven and today also includes subsidiary companies in Ohio, Canada, Mexico, and England.

Throughout his professional career Mr. Keller has served in virtually every elective office of the Illuminating Engineering Society. He was chosen President of that society in 1966. He has served similarly in many capacities for the National Electrical Manufacturers Association, including Vice President and member of the Board of Governors.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and twenty-one candidates)

- Devendra Prasad Bajpayee.....Lucknow, U.P., India
B.V.Sc. and A.H. (Agra University); M.S. (University of Maryland)
Dissertation: Effect of Photoperiodicity on Circulating Levels of Estrogens, Corticosterone, Calcium, and Free Fatty Acids in the Female Turkey, *Meleagris gallopavo*
Field of Specialization: Poultry Science
- Abe LeVon Balzer.....Hooker, Okla.
B.S., M.S. (University of Oklahoma)
Dissertation: An Exploratory Investigation of Verbal and Nonverbal Behaviors of BSCS Teachers and Non-BSCS Teachers
Field of Specialization: Education
- Jerry Randel Barber.....Columbus
B.S.Ch.E. (West Virginia University); M.Sc.
Dissertation: Intermolecular Forces in the Critical Azeotropic System Propane-Perfluorocyclobutane: Description of Forces in the Vapor Region via Second Virial Coefficients and in the Liquid Region via Internal Pressure and Internal Force
Field of Specialization: Chemical Engineering
- Hal Jackson Basham.....Columbus
B.A. (University of Denver); M.S. (University of Oregon)
Dissertation: Administrator Perceptions of Communication Education in Selected Major Universities
Field of Specialization: Speech
- Lee DeMoyné Bekker.....Fremont, Calif.
B.A., M.A. (Brigham Young University)
Dissertation: Cognitive Style and Defense Preference in a Free Association Task
Field of Specialization: Psychology
- Richard Ercole Benvenuto.....Detroit, Mich.
A.B. (University of Detroit); M.A. (Hollins College, Virginia)
Dissertation: The Romantic Tradition in Thomas Hardy's Major Novels
Field of Specialization: English
- Gabriel Berns.....Santa Cruz, Calif.
B.A., M.A. (University of Wisconsin)
Dissertation: Violence and Poetic Expression: A Study of the Poetry of Miguel Hernandez
Field of Specialization: Romance Languages
- Donald Ray Bethe.....Parma Heights
B.A. Phys. Educ. (San Fernando Valley State College); M.S. (Syracuse University)
Dissertation: Success in Beginning Handball as a Function of the Theory of Achievement Motivation
Field of Specialization: Physical Education

- Joseph Leon Block.....New Hyde Park, N. Y.
 A.B. (Colgate University); M.Sc.
Dissertation: A Study of Low Frequency Oscillations in a Rarefied Magnetoplasma
Field of Specialization: Physics
- Thomas Edwin Boling.....Reynoldsburg
 B.A. (Mississippi College); B.D. (Southern Baptist Theological Seminary); M.A.
Dissertation: Factors Related to Congruous and Incongruous Membership in White Protestant Religious Organizations
Field of Specialization: Sociology
- Daniel Donald Bonar.....Murraysville, W. Va.
 B.S.Ch.E., M.S. (West Virginia University)
Dissertation: On Annular Functions
Field of Specialization: Mathematics
- Doris Stephens Bossen.....Los Altos Hills, Calif.
 A.B. (Vassar College); M.A.
Dissertation: A Follow-Up Study of the Junior College Withdrawal Student
Field of Specialization: Education
- John Kevin Brown.....Painesville
 B.S. (University of Akron); M.Sc.
Dissertation: Finite Groups Having Automorphisms of Large Order
Field of Specialization: Mathematics
- Max Louis Brown.....Cincinnati
 B.Mech.Engr. (University of Cincinnati); M.Sc.
Dissertation: Optimized Form Synthesis of Machine Parts with Respect to such Variables as Performance, Cost, Life, and Conformity to Constraints
Field of Specialization: Mechanical Engineering
- Ewen Linnell Bryden.....Columbus
 B.S. in Ed. (Wittenberg University); M.A.
Dissertation: The Effect of Employee Recreation Programs on the Attraction of Professional Employees to Industrial Firms in the State of Ohio
Field of Specialization: Physical Education
- Robert Malcolm Burns.....Steubenville
 B.Sc., M.Sc.
Dissertation: Experimental Immunity to Tuberculosis in Rabbits Immunized with BCG Microsomal Fraction
Field of Specialization: Microbiology
- Walter Emmitt Carey.....Columbus
 B.A. (Kenyon College); M.Sc.
Dissertation: Effects of X-ray Radiation on Survival of the Cereal Leaf Beetle, *Oulema melanopus* (L.)
Field of Specialization: Zoology and Entomology
- Laird Scott Cermak.....Painesville
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: Repetition and Encoding in Short-Term Memory
Field of Specialization: Psychology

- Arthur William Chaffee.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: The Adoption of Modern Agricultural Facilities by Sub-
 sistence Farmers in Central Mexico
Field of Specialization: Agricultural Economics and Rural Sociology
- Chan-Po Francis Chan.....Hong Kong
 B.A.Sc. (University of Toronto); M.Sc.
Dissertation: Nonleptonic Decays of Hyperons and Current Algebra
Field of Specialization: Physics
- Braj Kishore Chaubey.....Ghazipur, U.P., India
 B.Sc. (University of Allahabad); M.Sc. (Agra University); M.Sc.
Dissertation: Factors Influencing the Quality of Teaching in Voca-
 tional Agriculture
Field of Specialization: Agricultural Education
- Teng Hsueh Chuang.....Taipei, Taiwan, China
 B.S. (National Taiwan University); M.S. (University of Illinois)
Dissertation: Heat and Mass Transfer to a Subfreezing Surface in a
 Nonuniform Electric Field
Field of Specialization: Mechanical Engineering
- Allan Henry Clauer.....Columbus
 B.S. (Met.E.), M.S. (Met.E.) (University of Wisconsin)
Dissertation: Dislocation Substructure Formed during Creep in Molyb-
 denum Single Crystals
Field of Specialization: Metallurgical Engineering
- Charlie Edward Cloaninger, Jr.....Columbia, S. C.
 B.S. (Clemson College); M. of Ed. (University of Georgia)
Dissertation: The Future Role of the Undergraduate Men's Residence
 Hall Program as Perceived by Chief Housing Officers at Selected
 Four-Year Institutions of Higher Learning
Field of Specialization: Education
- John Robert Cochran.....Yellow Springs
 B.Sc. in Edu., M.A.
Dissertation: The Relationship of the Self-Concept to School Motiva-
 tion and Level of Occupational Aspiration
Field of Specialization: Education
- Chancy Calvin Connolly, Jr.....Napoleon
 B.Sc. in Agr., M.Sc.
Dissertation: Consumption and Saving Functions with Probability of
 Real Estate Debt Repayment, U.S. Agricultural Sector, 1961
Field of Specialization: Agricultural Economics and Rural Sociology
- George Wade Cornell.....Yellow Springs
 B.S. in Educ. (Kent State University); M.S. in L.S. (Case Western
 Reserve University)
Dissertation: The College Archive: A Study in Administration
Field of Specialization: Education
- Dallas Mary Cullen.....Calgary, Alba., Canada
 B.A. (University of Alberta); M.S. (Iowa State University)
Dissertation: Attitude Measurement by Cognitive Sampling
Field of Specialization: Psychology

- Andrew Carnegie Currie, Jr.....Hiram
 A.B. (Hiram College); M.S. (Purdue University)
Dissertation: An Investigation and Identification of Higher Education
 as a Graduate Field of Study and Research
Field of Specialization: Education
- Daniel Wesley DeHayes, Jr.....Columbus
 B.Sc., M.B.A.
Dissertation: The General Nature of Transit Time Performance for
 Selected Transportation Modes in the Movement of Freight
Field of Specialization: Business Organization
- Raymond Leroy Downs.....Dayton
 A.B. (Earlham College, Indiana); M.Sc.
Dissertation: Studies of the Sulfur Dioxide Insertion Reaction in
 Transition Metal Allyl Complexes
Field of Specialization: Chemistry
- Duane Maximilian Duman.....Latrobe, Pa.
 B.A. (Saint Vincent College); M.Sc.
Dissertation: X-ray Diffraction by Liquid Helium between 4.2°K
 and the Critical Point
Field of Specialization: Physics
- Joseph Troy Emanuel, Jr.....Lovington, N. Mex.
 B.S. (University of New Mexico); M.A.
Dissertation: An Exploration of Factors Influencing Efficacy of
 Knowledge of Results in a Positioning Task
Field of Specialization: Psychology
- Melvin Emanuel.....New Carlisle
 B.Sc. in Edu., M.A.
Dissertation: Intelligibility for Consonant-Vowel Combinations under
 Conditions of Simulated Hearing-Aid Response Curves
Field of Specialization: Speech
- Wilfredo Gigantoca Espada.....Jaro, Iloilo City, Philippines
 B.S.A. (Central Philippine University); M.S. (University of the
 Philippines)
Dissertation: Changes of Inorganic Fractions of Phosphorus with
 Equilibration Time in Flooded and Moist Soils and the Resulting
 Phosphorus Availability to Nato Rice Seedlings
Field of Specialization: Agronomy
- Thomas Parker Evans.....Lexington, Ky.
 B.A. (Transylvania College); M.A. (University of Kentucky)
Dissertation: An Exploratory Study of the Verbal and Nonverbal Be-
 haviors of Biology Teachers and Their Relationship to Selected Person-
 ality Traits
Field of Specialization: Education
- Arthur William Friedel.....Pittsburgh, Pa.
 B.S., M.Ed. (University of Pittsburgh)
Dissertation: A Procedure for Observing Teacher and Pupil Behavior
 in the Science Classroom
Field of Specialization: Education

- Virginia Bernice Garibaldi.....Lakewood
 B.A. (College of Wooster); M.A. (Case Western Reserve University)
Dissertation: The Development of a Broader Rationale for Foreign Languages in the Elementary Schools and Guidelines for Its Implementation
Field of Specialization: Education
- Russell Alan Geanangel.....Cadiz
 B.Sc.
Dissertation: The Preparation and Some Chemistry of Octahydropentaborate(1-) Salts
Field of Specialization: Chemistry
- Larry Dean Gentry.....Akron
 B.Mus.Ed., M.Mus.Ed. (Indiana University)
Dissertation: A Study of Community Junior College Professional Staff Perception of Their Institutions
Field of Specialization: Education
- Leonard Michael Giambra.....Oxford
 B.A. (University of Rochester); M.A.
Dissertation: Concept Identification Behavior and Selection Strategies as a Function of Sex, Type Start Card, Type Concept, and Number Irrelevant Dimensions
Field of Specialization: Psychology
- Norman Sol Goldner.....Detroit, Mich.
 B.A., M.A. (University of Minnesota)
Dissertation: Social Status and Prejudice: An Additional Test of the Relationship between Upward Social Mobility, Status Orientation, and Prejudice.
Field of Specialization: Sociology
- Donald William Good.....Winchester, Va.
 B.A. (Berea College, Kentucky); M.A. (Louisiana State University)
Dissertation: Thomas Lovell Beddoes: A Critical Study of His Major Works
Field of Specialization: English
- Natalie Ruth Goodhartz.....Brooklyn, N. Y.
 B.S. (Brooklyn College); M.A.
Dissertation: Effects of Acute Exposure to Low Ambient Temperatures on the Work Efficiency of Young Women
Field of Specialization: Physical Education
- Richard Leighton Gregg.....Nevada
 B.E.E., M.Sc.
Dissertation: Maximal-Memory Moore Machines
Field of Specialization: Electrical Engineering
- Andrew Charles Gross.....Cleveland
 B.S. in Elec.Eng., M.B.A. (Case Western Reserve University)
Dissertation: Engineering Manpower in Canada
Field of Specialization: Economics
- John Cecil Guckert.....Columbus
 B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: The Adaptation of Robert College to Its Turkish Environment, 1900-1927
Field of Specialization: Education

- Kenneth Wayne Harris.....St. Louisville
 B.Sc. in Edu., M.A.
Dissertation: Change in Role Requirements of Superintendents over the Last Quarter Century
Field of Specialization: Education
- Fredrick William Hetzel.....Erie, Pa.
 B.S. (Pennsylvania State University); M.Sc.
Dissertation: Apparent Nonoxidative Synthesis of Quinones
Field of Specialization: Chemistry
- Ashley Stewart Hilton.....Woodland, Pa.
 B.S. (Pennsylvania State University)
Dissertation: Part I. Electrostatic and Steric Effects on the Acidity and Stability of Metal Complexes of a Series of Malonic Acids; Part II. Interaction of Diamines with Glyoxylic Acid and Effect of Metal Ions upon It
Field of Specialization: Chemistry
- Douglas Wayne Hissong.....Cincinnati
 B.S. (University of Cincinnati); M.Sc.
Dissertation: A Thermodynamic Analysis of the Critical Properties of Hydrocarbon Mixtures
Field of Specialization: Chemical Engineering
- William Sanford Hogan.....Cincinnati
 B.S. in M.E., M.S. in M.E. (University of Missouri)
Dissertation: Electromagnetic Scattering of Neutrons
Field of Specialization: Physics
- Joseph E. Hubbard.....Columbus
 B.S. in Phys.Edu., M.S. (Fort Hays Kansas State College)
Dissertation: A Study of Social Values of Mentally Retarded Adolescents
Field of Specialization: Psychology
- Helena Speiser Jones.....Columbus
 B.Sc.
Dissertation: The Effects of Parathyroid Extract upon the Developing Skeleton and Parathyroid Glands of the Embryonic Chick
Field of Specialization: Anatomy
- John Karl Judy.....Germantown
 B.Sc. in Agr., M.Sc.
Dissertation: Differences in the Level of Fertility among Rams When Measured by Fertility and Fecundity of Ewes and Methods for Predicting this Trait
Field of Specialization: Animal Science
- Jerome Lawrence Kalamen.....New Berlin, Wis.
 B.S. (Wisconsin State University, La Crosse); M.A.
Dissertation: Measurement of Maximum Muscular Power in Man
Field of Specialization: Physical Education
- Euwadee Kanjanasthiti.....Bukkalo, Thailand
 B.S. (Michigan State University); M.S. (University of Maryland)
Dissertation: The Feasibility of the Use of Programed Instruction as a Method of Teaching Basic Nutrition to Thai Students at College Level
Field of Specialization: Home Economics

- Tom Clifton Keen.....Tiffin
 A.B. (Heidelberg College); M.A. (Kent State University)
Dissertation: George Herbert Mead's Social Theory of Meaning and Experience
Field of Specialization: Philosophy
- Frederick Stephen Koehl.....Ashland
 A.B. (Oberlin College)
Dissertation: Difference Properties for Banach-Valued Functions
Field of Specialization: Mathematics
- Leland Milo Kraft, Jr.....Delaware
 B.C.E., M.Sc.
Dissertation: Probability Application in Soils Engineering
Field of Specialization: Civil Engineering
- Leonard Emil Kreider.....Wadsworth
 B.A. (Bethel College); M.A.
Dissertation: The Development and Utilization of Managerial Talent: A Case Study of Manufacturing Managers in Columbus, Ohio
Field of Specialization: Economics
- Carl Raymond Kropf.....Columbus
 B.A. (Otterbein College); M.A. (Kent State University)
Dissertation: Defoe as Puritan Novelist
Field of Specialization: English
- Donald Eugene Lauffer.....Ardmore, Pa.
 B.Sc. in Phys.
Dissertation: The Effects of Inhomogeneities in the Radio Frequency Magnetic Field (H_1) on the Measurements of T_2 by Nuclear Magnetic Resonance Spin-Echoes
Field of Specialization: Physics
- Richard Day Lawrence.....Richmond, Va.
 B.S. (United States Military Academy); M.S. in M.E. (University of Southern California)
Dissertation: A Study of Quasi-Analytic Models for Improvement of the Military Commander's Tactical Decision Process
Field of Specialization: Industrial Engineering
- Richard Edward Lawrie.....Richardson, Tex.
 B.E.E. (University of Dayton); M.Sc.
Dissertation: Optimization of the Directivity of a Planar, Equiangular, Spiral Antenna
Field of Specialization: Electrical Engineering
- Lee Charlotte Lee.....Yellow Springs
 B.A. (Mount Union College); M.S. (Psych.) (Ohio University)
Dissertation: The Concomitant Development of Cognitive and Moral Modes of Thought: A Test of Selected Deductions from Piaget's Theory
Field of Specialization: Psychology
- Thomas Michael Lennon.....New York, N. Y.
 B.A. (Manhattan College)
Dissertation: The Problem of Intentionality in Recent Analytic Philosophy
Field of Specialization: Philosophy

- James Edward Lightner..... Frederick, Md.
 B.A. (Western Maryland College); M.A. (Northwestern University)
Dissertation: The Effect of the Recommendations of the Committee on the Undergraduate Program in Mathematics upon the Mathematics Curricula of the Colleges of Maryland
Field of Specialization: Education
- Glenn Frank Lindsay..... Monterey, Calif.
 B.S. (Oregon State College); M.Sc.
Dissertation: Minimum-Cost Screening Inspection Programs for Multiple Defects
Field of Specialization: Industrial Engineering
- Paul Scott Malcom..... Cridersville
 B.S., M.Ed. (Miami University)
Dissertation: Finite Trigonometry: A Resource for Teachers
Field of Specialization: Education
- Gary James Marmer..... Cincinnati
 B.S. (Case Western Reserve University); M.S. (Auburn University)
Dissertation: Differential Production Cross-Sections of Low Momentum Particles from 12.3 BeV/c Protons
Field of Specialization: Physics
- George Marr..... Oxford
 A. B. (Hope College); M.S. (Miami University)
Dissertation: Measurement and Analysis of the Polarization of Protons from the $^{12}\text{C}(^8\text{He},\text{p})^{14}\text{N}$ (g.s.) and $^{12}\text{C}(^8\text{He},\text{p})^{14}\text{N}^*(2.31\text{ MeV})$ Reactions
Field of Specialization: Physics
- Byron Dale Martin..... Columbus
 B.A. (Johns Hopkins University)
Dissertation: Low Temperature Heat Capacities of α -Manganese, Cesium, and Rubidium
Field of Specialization: Physics
- Patrick Andrew Martinelli..... United States Air Force Academy, Colo.
 B.S. (Georgetown University); M.B.A.
Dissertation: Marketing in Thailand: A Comparative Analysis with Special Reference to Wholesaling
Field of Specialization: Business Organization
- Jack Gibson Matthews..... State College, Ark.
 B.S.E. (Henderson State Teachers' College); M.S. (University of Arkansas)
Dissertation: A Study of the Teaching Process in the Classroom of Selected Physics Teachers
Field of Specialization: Education
- Richard Earl McClaine..... Columbus
 B.Sc. in Bus. Adm.; M.B.A. (Indiana University)
Dissertation: Factors in Executive Promotion and Demotion: An Empirical Study
Field of Specialization: Business Organization
- Wilhelmina Desda McFee..... Haverhill, Mass.
 B.S. (B. U. Sargent College); M.S. (Smith College)
Dissertation: The Relationships between Body Image Boundaries, Estimates of Dimensions of Body Space, and Performance of Selected Gross Motor Tasks in Late Adolescent Subjects
Field of Specialization: Physical Education

- Marion Juliette Merchant.....Goble, Mich.
 B.A. (Emmanuel Missionary College)
Dissertation: A Statistical Analysis of a Behavior Checklist
Field of Specialization: Psychology
- Merrill Loren Minges.....Fairborn
 S.B. in Ch.E., M.S. (Chem.Engr.) (Massachusetts Institute of Technology)
Dissertation: The Temperature Dependence of the Thermal Contact Resistance across Nonmetallic Interfaces
Field of Specialization: Chemical Engineering
- Joseph Anthony Murphy.....Philadelphia, Pa.
 B.A. (LaSalle College)
Dissertation: The Contributions of Social Studies Methodology to Foreign Language Teaching
Field of Specialization: Education
- Robert Edward Myers.....Bethany, W. Va.
 B.A. (Bethany College); B.D. (Texas Christian University)
Dissertation: Studies in Method and Religion in Hume's 'Science of Human Nature'
Field of Specialization: Philosophy
- Otto Millard Nelson.....Lubbock, Tex.
 B.S., M.A. (University of Oregon)
Dissertation: The German Social Democratic Party and France, 1918-1933
Field of Specialization: History
- Lloyd Charles Nietling.....Las Vegas, Nev.
 B.A. (Saint Mary of the Plains College); B.S. (Aquinas College); A.M. (University of Michigan)
Dissertation: Using Problems to Initiate the Study of Certain Topics in Mathematics
Field of Specialization: Education
- Mary Lou Dumbauld Niple.....Columbus
 B.A., M.A.
Dissertation: The Relationship of Different Study Methods to Immediate and Delayed Comprehension
Field of Specialization: Psychology
- Geraldine O'Hara O'Neill.....Cincinnati
 A.B., A.M. (University of Michigan)
Dissertation: Teaching French Literature in the Secondary School
Field of Specialization: Education
- Hazel Clara Peterson.....Brooks, Ore.
 B.S., M.S. (University of Oregon)
Dissertation: Dorothy S. Ainsworth: Her Life, Professional Career, and Contributions to Physical Education
Field of Specialization: Physical Education
- Paul Harold Phillips.....Alton, Ill.
 B.S., M.S. (Southern Illinois University)
Dissertation: A Comparative Study of the Effectiveness of Two Methods of Teaching Elementary Mathematical Proofs
Field of Specialization: Education

- William Frank Pilder.....Cincinnati
 B.S. in Edu. (University of Dayton); M.A.
Dissertation: The Concept of Utility in Curriculum Discourse: 1918-1967
Field of Specialization: Education
- Benjamin Francis Plybon.....Oxford
 B.S. (Marshall University); M.S. (Carnegie Institute of Technology)
Dissertation: Conservation Laws for Electromagnetic Fields
Field of Specialization: Mathematics
- William Alfred Poppen.....Castlewood, S. Dak.
 B.S. (South Dakota State College); M.A.
Dissertation: Case Conference Groups as an In-Service Education Technique
Field of Specialization: Education
- James Franklin Rhodes.....Bedford
 B.Chem.E. (University of Detroit); M.Sc.
Dissertation: Rheology of Vitreous Coatings
Field of Specialization: Ceramic Engineering
- David Irving Richard.....Gibsonburg
 B.S. (Capital University); M.Sc.
Dissertation: The Movement Patterns of Populations of Red-Winged Blackbirds, *Agelaius phoeniceus*, in the Western Lake Erie Basin
Field of Specialization: Zoology and Entomology
- Timothy Andrew Riggle.....Springfield
 A.B., M.Ed. (Wittenberg University)
Dissertation: The Vector Space as a Unifying Concept in School Mathematics
Field of Specialization: Education
- Paul Gabriel Rosso.....Gahanna
 B.E.E. (Manhattan College); M.Sc.
Dissertation: An Application of Multivariable Orthogonal Polynomial Series Analysis of Nonlinear Control Systems
Field of Specialization: Electrical Engineering
- Claude Charles Rust.....Lakewood
 B.Sc.
Dissertation: Conodonts of the Martinsburg Formation (Ordovician) of Southwestern Virginia
Field of Specialization: Geology
- Victor Malcolm Showalter.....Bay Village
 B.S. (Otterbein College); B.Sc. in Edu.; M.S. (University of Wyoming)
Dissertation: Effects of a Unified Science Curriculum on High School Graduates
Field of Specialization: Education
- Alfred Newton Smith.....Columbus
 B.A. (University of Denver)
Dissertation: Reading Instruction in English and in Modern Foreign Languages: A Comparative Study
Field of Specialization: Education

- John Robert Smith.....Parma Heights
 B.S.E.P. (University of Toledo)
Dissertation: Statistical Theory of the Inhomogeneous Electron Gas
Field of Specialization: Physics
- Phyllis Stoll Smith.....Hamilton
 A.B. (University of Cincinnati); M.A. (Louisiana State University)
Dissertation: Relationship between Codability and Connotative Meaning of People Referents at Two Age Levels
Field of Specialization: Speech
- †Edward Joseph Sommer.....Newark
 B.A. (West Liberty State College); M.Ed. (Kent State University)
Dissertation: National Educational Assessment and the Affect on Local School Policy
Field of Specialization: Education
- Otto Donald Spielbichler.....Pittsburgh, Pa.
 B.S. in Ed. (Slippery Rock State College, Pennsylvania); M.A. (Colgate University)
Dissertation: The Counseling Practicum: Its Impact on Prospective Counselors
Field of Specialization: Education
- Elmer Anthony Spreitzer.....Columbus
 B.S. (John Carroll University); M.A. (Case Western Reserve University)
Dissertation: Patterns of Informal Organization within a Rehabilitation Center: A Sociometric Study
Field of Specialization: Sociology
- Alan Roger Stephenson.....Rock City Falls, N. Y.
 A.B., M.A. (State University of New York at Albany)
Dissertation: School Broadcasting Organization: An Analysis of Structures and Functions
Field of Specialization: Education
- Smith Thomas Stickley.....Urbana
 B.Sc. in Agr., M.Sc.
Dissertation: Factors Associated with Incomes of Ecuadorian Farmers
Field of Specialization: Agricultural Economics and Rural Sociology
- Michael Henry Strub.....Springfield, Va.
 B.A. (Fordham University); M.A.
Dissertation: Perception of Second-Order Conditional Probability in a Two-Choice Learning Situation
Field of Specialization: Psychology
- George Stukhart, Jr.....Springfield, Va.
 B.S. (United States Military Academy); M.S. (New York University)
Dissertation: The Theory of Geodetic Observations
Field of Specialization: Geodetic Science
- William Patrick Sullivan.....Dayton
 B.S. (Pennsylvania State University)
Dissertation: Muscle Fatigue and Electromyographic Changes during Isometric Exercise in Presence of Vascular Occlusion
Field of Specialization: Psychology

† Degree granted in cooperation with Miami University

- Philip Edward Tieman.....Grove City
 B.Sc. in Edu.; M.Ed. (University of Cincinnati)
Dissertation: A Survey of Educational Consultants and Their Role in
 the Recruitment and Selection of School Superintendents
Field of Specialization: Education
- Frank Joseph Tokarz.....Shadyside
 B.C.E.; M.S. (University of Washington)
Dissertation: Lateral-Torsional Buckling of Arches
Field of Specialization: Civil Engineering
- Kenneth Ray Venderbush.....Appleton, Wis.
 B.A. (Kalamazoo College); M.A. (Wayne State University)
Dissertation: Communication in Contemporary Student Controversies
Field of Specialization: Speech
- Kenneth Ralph Wallace.....Warren
 B.A., M.A. (University of Akron)
Dissertation: Comparison of Objective and Subjective Teacher Rating
 Techniques
Field of Specialization: Psychology
- Darrell Elmo Wible.....Muncie, Ind.
 B.S., M.S. (Indiana State Teachers' College, Terre Haute)
Dissertation: Deintermixture: An Analysis of Television Station Li-
 censing as Related to St. Louis, Missouri; Springfield, Illinois; and
 Specifically, Terre Haute, Indiana
Field of Specialization: Speech
- Robert Carl Williges.....Chattanooga, Tenn.
 A.B. (Wittenberg University); M.A.
Dissertation: Decision Processes in Monitoring Performance
Field of Specialization: Psychology
- Joe Don Willis.....Longview, Tex.
 B.S.E. (Henderson State Teachers College); M.S.Ed. (Kearney State
 College)
Dissertation: Achievement Motivation, Success, and Competitiveness in
 College Wrestling
Field of Specialization: Physical Education
- Lawrence Seth Wittenbrook.....Marysville
 B.S. (Cleveland State University); M.Sc.
Dissertation: A Study of the Ramberg-Bäcklund Rearrangement and
 Related Chemistry
Field of Specialization: Chemistry
- Lauren Gene Wolfe.....Columbus
 D.V.M., M.Sc.
Dissertation: Experimental Aerosol Transmission of Yaba Virus in
 Monkeys
Field of Specialization: Veterinary Pathology
- Virginia Smith Wolfe.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Social Significance of Negro Speech
Field of Specialization: Speech

Christel Gunkel Woodward.....Northport, N. Y.
B.S. (State University College, Potsdam, New York); M.A.
Dissertation: Combining Methods of Description in Personality Assessment
Field of Specialization: Psychology

Rebecca Hayworth Wright.....Rand, W. Va.
B.S. in Edu. (West Virginia State College); M.Sc.
Dissertation: The Effect of *Plasmodium gallinaceum* Infection upon Elution of Chromium-51 from Erythrocytes of Chickens
Field of Specialization: Zoology and Entomology

Chuen Yuan Yeh.....Formosa, China
B.S. (National Taiwan University); M.S. (Georgia Institute of Technology)
Dissertation: Effects of Substituents on the Formation and Conformation of Imines Derived from Isobutyraldehyde and Saturated Primary Alkylamines
Field of Specialization: Chemistry

Stephen Lawrence Zolnay.....Cleveland
B.E.E., M.Sc.
Dissertation: Performance Characteristics of Communication Systems Employing Near-Synchronous (IDCSP) Satellites
Field of Specialization: Electrical Engineering

Certificate of Specialist in Educational Administration (Two candidates)

John David Rathbone.....Ashtabula
B.A. (Alderson-Broaddus College); M.A. (Marshall College)
Paul Richings.....Grove City
B.S. in Educ., M.E.D. (Kent State University)

Master of Accounting (Three candidates)

Donna Mary Aher.....Lebanon, N. H.
B.A. (Mount Saint Mary College)
Field of Specialization: Accounting

John Louis Giering.....Poland
A.B. (Duke University)
Field of Specialization: Accounting

Mervin Daniel Winston.....Columbus
B.Sc. in Bus. Adm.
Field of Specialization: Accounting

Master of Arts (Two hundred and fourteen candidates)

Louise Edwina Allin.....Lakewood
B.Sc. in Edu.
Field of Specialization: English

Arnold Arthur Anderson.....Columbus
B.A. (Marshall University)
Field of Specialization: Education

- James Willis Anderson.....Willshire
 B.Sc.
Field of Specialization: Journalism
- Richard Edward Anstett.....Lancaster, N. Y.
 B.A. (Canisius College)
Field of Specialization: Psychology
- Mary Ann Fisher Anzinger.....Columbus
 B.A. (Marquette University)
Field of Specialization: English
- Jason Philip Aronoff.....Millville, N. J.
 B.A. (Kent State University)
Field of Specialization: Psychology
- Antonia Sophia Bahas.....Canton
 B.Sc. in Edu.
Field of Specialization: Education
- George Roger Baldwin.....Alexandria
 A.B. (Capital University)
Field of Specialization: History
- Peter R. Barthels.....Fairfield
 A.B. (Miami University)
Field of Specialization: German
- Judith Langdon Bauer.....Columbus
 B.S. (Capital University)
Field of Specialization: Education
- Barbara Lee Beck.....Glenshaw, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Education
- James Robert Beckley.....Bradford
 B.S. Agr. (West Virginia University)
Field of Specialization: Agricultural Education
- Annie L. Bedell.....Dayton
 B.S. (Ed) (Alabama State College)
Field of Specialization: Education
- David George Bernon.....Shaker Heights
 B.A. (Muskingum College)
Field of Specialization: Economics
- David Frederick Berry.....North Royalton
 A.B. (Baldwin-Wallace College)
Field of Specialization: Psychology
- Harry Charles Bichsel.....Salem
 A.B. (Oberlin College)
Field of Specialization: Political Science
- Diane Weston Birekbichler.....Westerville
 B.A. (Otterbein College)
Field of Specialization: Romance Languages
- Donald Eugene Bishop.....Columbus
 A.B. (Capital University)
Field of Specialization: Speech
- Barbara Anne Bogart.....Columbus Grove
 B.Sc. in Edu.
Field of Specialization: Physical Education

- Debrah Bornstein Bokowski.....Prairie Village, Kan.
 A.B. (University of Colorado)
Field of Specialization: Philosophy
- Eleanor Steele Bowlus.....Fredericktown
 B.A. (Muskingum College)
Field of Specialization: Education
- Dorothy Ann Boyd.....Philadelphia, Pa.
 A.B., Ed. M. (Temple University)
Field of Specialization: History
- James Leonard Bradford.....Wayland, Mass.
 B.Sc.
Field of Specialization: Education
- Joanne Stewart Brewer.....Ithaca, N. Y.
 B.S. (Cornell University)
Field of Specialization: Psychology
- Marilyn Hixon Brown.....Hillsboro
 B.A., B.Sc. in Edu.
Field of Specialization: English
- Patricia Joan Brown.....St. Louis, Mo.
 B.A. (Westhampton College)
Field of Specialization: Speech
- Dalia Stefanija Bruzas.....Cleveland
 A.B. (Ohio University)
Field of Specialization: Slavic Languages
- Ruth Matt Bunin.....Cleveland Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Elizabeth Crall Butterbaugh.....Shelby
 B.A. (Butler University)
Field of Specialization: Speech
- John Sylvester Camiscioni.....Willard
 B.A.
Field of Specialization: Education
- John Kasson Carter.....Columbus
 B.Music (Capital University)
Field of Specialization: Music
- Vera Jane Cashell.....Mansfield
 B.S. (Ed.) (Bowling Green State University)
Field of Specialization: Education
- Ned Peter Cost.....Euclid
 B.Sc.
Field of Specialization: Psychology
- Joan Pemberton Cravens.....Columbus
 B.A. (University of Washington)
Field of Specialization: English
- Sister Shirley Ann Cunningham.....La Crosse, Wis.
 B.A. (Viterbo College)
Field of Specialization: English

- Mary Pearl Datish.....Warren
 B.S.Ed. (Kent State University)
Field of Specialization: Education
- Janet Sue Dinkel.....Toledo
 A.B. (Wittenberg University)
Field of Specialization: Economics
- Eugene Peter Dragonette, Jr.....Troy
 B.S. (Xavier University)
Field of Specialization: Education
- Anne Craig Droste.....Bloomington
 B.Sc. in Edu.
Field of Specialization: Music
- Mary Bonnot Dutton.....Toledo
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- John Thomas Fellerath.....Bay Shore, N. Y.
 B.A. (Le Moyne College)
Field of Specialization: Psychology
- Peter Ger't Finke.....Columbus
 B.A.
Field of Specialization: Geography
- Barbara Lucy Fisk.....Wyckoff, N. J.
 A.B. (Douglass College)
Field of Specialization: Psychology
- Brangwyn Foote.....Needles, Calif.
 B.A. (University of Arizona)
Field of Specialization: Education
- Frank Edwin Fortkamp.....Columbus
 A.B. (Pontifical College Josephinum)
Field of Specialization: Education
- Charles David Foust.....Akron
 B.Sc. in Edu.
Field of Specialization: Education
- Ruth Amelia Fox.....Oakland, Md.
 B.A.
Field of Specialization: English
- Elizabeth Anne Freilich.....New York, N. Y.
 B.S. (Saint Lawrence University)
Field of Specialization: Education
- Linda Sue Frey.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: History
- Marsha Lee Frey.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: History
- James Donald Fritzen.....Seattle, Wash.
 B.S. (Seattle University)
Field of Specialization: Psychology

- Lawrence Edward Gaichas.....Chicago, Ill.
H.A.B. (Xavier University)
Field of Specialization: Classics
- Judith Siegmund Gardner.....Arlington, Va.
B.A. (Purdue University)
Field of Specialization: Art
- Kathleen Louise Gase.....Tiffin
A.B. (College of Saint Francis)
Field of Specialization: Music
- Sister Mary Karen Gearhart.....Columbus
B.A. (College of Saint Mary of the Springs)
Field of Specialization: History
- Judith Glicksberg.....Shaker Heights
B.Sc. in Edu.
Field of Specialization: Education
- Sara Lou Gloeckner.....Columbus
B.F.A.
Field of Specialization: Art
- Robert Warren Glover.....Lakewood
B.A.
Field of Specialization: Psychology
- Sidi Grunstein Gluck.....Columbus
B.Sc. in Edu.
Field of Specialization: Art
- Karis Goodman Goldsberry.....Chillicothe
B.Sc. in Edu.
Field of Specialization: Education
- Dolores Ruda Gray.....Columbus
B.A. (Michigan State University)
Field of Specialization: Sociology
- Roger Newker Gray.....Bucyrus
B.A.
Field of Specialization: Education
- James Samuel Grayson.....Jellico, Tenn.
B.S.Ed. (Cumberland College)
Field of Specialization: Education
- Irene Rappaport Greenberg.....Columbus
A.B. (Brooklyn College)
Field of Specialization: Psychology
- Gloria Sophia Greenzalis.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Robert Mac Groff.....Washington C. H.
B.Sc. in Edu.
Field of Specialization: Education
- Thomas Joseph Grogan.....Cincinnati
B.S. (Xavier University)
Field of Specialization: Economics

- Lyla Louise Haggard.....Covington, Ky.
 B.A. (Transylvania College)
Field of Specialization: Romance Languages
- Mary Beatrice Haldane.....Waverly
 B.Sc.
Field of Specialization: Education
- Gary Kenneth Hamer.....Newark
 B.A.
Field of Specialization: Sociology
- Karalyn Lue Heimlich.....Marysville
 B.Sc. in Edu.
Field of Specialization: Education
- Philip Greenberg Helburn.....Cincinnati
 B.A. (University of Wisconsin)
Field of Specialization: Art
- Judith Wendling Herron.....Dover
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Bruce Herzbrun.....Cleveland
 A.B. (Hiram College)
Field of Specialization: Psychology
- Charlotte Kopac Herzog.....Dolton, Ill.
 B. of F.A. (University of Illinois)
Field of Specialization: Art
- Janet Hill.....Knoxville, Tenn.
 B.S. in Journ. (University of Tennessee)
Field of Specialization: Journalism
- Yvonne Spring Hinton.....Delaware
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Armstrong Hisrich.....New Philadelphia
 B.A. (College of Steubenville)
Field of Specialization: English
- Karen Iris Hodor.....Coral Gables, Fla.
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Joseph Hoffman.....Omaha, Neb.
 B.A. (Creighton University)
Field of Specialization: Linguistics
- Hans Jakob Hogel.....Lemvig, Denmark
 B.E. (Haderslev Statsseminarium)
Field of Specialization: German
- Chloe Stark Hollinger.....Groveport
 A.B. (University of Cincinnati)
Field of Specialization: Psychology
- Sally Jo Holmer.....Jefferson, Ia.
 B.A. (Millikin University)
Field of Specialization: Physical Education

- Ronald Lynn Hopper.....Worthington
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Karen Steuart Howell.....Worthington
 B.A. (Muskingum College)
Field of Specialization: Physical Education
- Lydia Nash Hoyer.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- John Franklin Hunt.....Newark
 B.S. (Rio Grande College)
Field of Specialization: History
- Linda Mae Hunt.....Stow
 B.A.
Field of Specialization: Psychology
- Thomas Otto Iles.....Nelsonville
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Sharon Ireland.....Parsons, Kan.
 B.A. (Ottawa University)
Field of Specialization: Education
- Dorothy Woytowicz Jackson.....Columbus
 A.B. (Queens College)
Field of Specialization: Psychology
- James Harold Jackson.....Akron
 B.A.
Field of Specialization: Sociology
- Morris Jacobs.....Great Neck, N. Y.
 B.A. (Hartwick College)
Field of Specialization: English
- Philip Dana Jaeger, Jr.....Amherst
 B.Sc. in Edu.
Field of Specialization: Education
- Rollin Dean Jauchius.....Newark
 B.A.
Field of Specialization: Political Science
- Douglas Jeffrey.....Leeds, England
 B.A. (Econ.) Hons. (Sheffield University, England)
Field of Specialization: Geography
- Aris Valdis Jende.....Kingston
 B.Sc. in Edu.
Field of Specialization: Education
- Harold Bru Hegnet Jensen.....Arnold, Pa.
 B.S. in Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Geography
- Bettie Shields Johnson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

- Willy Pearl Johnson.....East Cleveland
 A.B. (Baldwin-Wallace College)
Field of Specialization: Psychology
- Kim Roger Jonason.....Amarillo, Tex.
 B.A. (Psychology) (Texas Technological College)
Field of Specialization: Psychology
- Clifford Wayne Jones.....Jackson
 B.S. (Eastern Kentucky State College)
Field of Specialization: Education
- Paul David Joubert.....Marlboro, Mass.
 B.A. (University of Notre Dame)
Field of Specialization: Education
- Carolyn Ruth Kaiser.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- S. John Kaldahl.....Crown Point, Ind.
 A.B. (Indiana University)
Field of Specialization: Philosophy
- Thomas Arthur Kaluzynski.....West Allis, Wis.
 B.A. (Creighton University)
Field of Specialization: English
- Cornelius Armin Karalius.....Cleveland
 B.A.
Field of Specialization: Philosophy
- Maureen Ann Kelley.....Ballston Spa, N. Y.
 B.S. (State University College, Plattsburgh, New York)
Field of Specialization: Psychology
- Lucille Bett Kern.....Alliance
 B.Sc. in Edu.
Field of Specialization: Art
- Wayne Gilbert Kerns.....Wellsville
 B.Sc. in Edu.
Field of Specialization: Education
- Jill Harshbarger King.....Columbus
 B.A. (University of Toledo)
Field of Specialization: Education
- Ralph Willard Kleinline, II.....Columbus
 B.Sc. in Edu., B.A.
Field of Specialization: Education
- David Finley Koehler.....Upper Sandusky
 B.Sc. in Edu.
Field of Specialization: Education
- James A. Koehler.....Columbus
 B.A. (Theological Concordia Seminary)
Field of Specialization: History

- Deborah Shifman Kovsky.....Canton
 B.Sc. in Edu.
Field of Specialization: Education
- Sister M. Agnes Clare Krepcho.....Columbus
 B.S. Ed. (Villa Marie College)
Field of Specialization: Education
- Gary Alden Kreps.....Columbus
 A.B. (University of Akron)
Field of Specialization: Sociology
- Laurana Lee Krueck.....Dayton
 A.B. (Miami University)
Field of Specialization: Romance Languages
- Mohammed Yousouf Kurmally.....Beau Bassin, Mauritius
 B.A. (University of New Brunswick)
Field of Specialization: Classics
- David William Lacey.....New York, N. Y.
 B.A. (Le Moyne College)
Field of Specialization: Psychology
- Susan Jean Lackey.....Youngstown
 B.Sc. in Edu.
Field of Specialization: Education
- William Wilson Lamb.....Wheeling, W. Va.
 B.F.A.
Field of Specialization: Art
- Frank Joe LaSeta.....Marion
 B.S.Ed. (Otterbein College)
Field of Specialization: Physical Education
- David Alan Lorenzo.....Scotia, N. Y.
 B.A. (State University of New York at Albany)
Field of Specialization: Political Science
- John Allen Ledingham, Jr.....Springfield
 B.A.
Field of Specialization: Journalism
- Young Eun Kang Lee.....Seoul, Korea
 B.A. (Ewha Woman's University)
Field of Specialization: Education
- Anita Weishaupl Leighton.....Massapequa, N. Y.
 B.A. (Douglass College)
Field of Specialization: German
- Eulah Myers Littrell.....Hebron
 B.S. (Kent State University)
Field of Specialization: Education
- Peter David Lively.....Chaumont, N. Y.
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Jaime Lopez-Carrion.....Madrid, Spain
Field of Specialization: Romance Languages

- John Ellison Loth, Jr.....Waynesboro, Va.
 B.A. (University of Maryland)
Field of Specialization: German
- David Lee Lucas.....Willoughby
 B.S. (Lake Erie College)
Field of Specialization: Geography
- Timothy Vincent Luckhaupt.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John David Lund.....Warrenville, Ill.
 B.A. (Knox College)
Field of Specialization: History
- Carolyn Louise Lytle.....Cleveland
 B.S. (George Peabody College for Teachers)
Field of Specialization: Education
- Diane Jane MacGregor.....Canton
 B.S.Ed. (Kent State University)
Field of Specialization: Education
- Jeanne Marie Mallett.....Bay Village
 B.A.
Field of Specialization: Political Science
- Martha Reuss Malloy.....Columbus
 A.B. (Denison University)
Field of Specialization: Education
- Charles Alton McCloud.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James Earl McCord.....Ashville
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Ross McGavran.....Columbus
 B.A.
Field of Specialization: English
- John Hudson McGriff.....Columbus
 B.Sc. in Edu.
Field of Specialization: Political Science
- Joseph Melnick.....Valley Stream, N. Y.
 B.A. (State University of New York at Buffalo)
Field of Specialization: Psychology
- Dorene Weagly Miller.....Westerville
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Sandra Kay Miller.....Springfield
 B.A.
Field of Specialization: History
- Lawrence Earl Mundis, Jr.....York, Pa.
 B.A. (Susquehanna University)
Field of Specialization: History

- John Chester Muster.....Canton
 B.A., B.S. (Otterbein College)
Field of Specialization: Education
- Richard Leon Nelson.....Honolulu, Hawaii
 B.A. Ed. (California College of Arts and Crafts)
Field of Specialization: Art
- Carole Coleman Newcomb.....Columbus
 B.A. (University of Southern Mississippi)
Field of Specialization: Education
- Anthony Frederick Nield.....Edmonton, Alba., Canada
 B.A. (University of Alberta)
Field of Specialization: Psychology
- Gloria Antoinette Nosan.....Euclid
 B.A.
Field of Specialization: Romance Languages
- Luther Olson.....Solon
 B.Mus. (University of Michigan)
Field of Specialization: Music
- Edward John Orazen.....Euclid
 B.Sc. in Edu.
Field of Specialization: Education
- Florence Uguccioni Ouzts.....Onsted, Mich.
 B.A. (Adrian College)
Field of Specialization: Speech
- Karen King Pacheco.....Fairborn
 B.Sc. in Edu.
Field of Specialization: Education
- Francis Lee Partsch.....St. Paul, Neb.
 A.B. (University of Nebraska)
Field of Specialization: Journalism
- Albert L. Penn.....Mt. Gilead
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mary Virginia Perry.....Niles, Ill.
 A.B. (University of Dayton)
Field of Specialization: Education
- Nancy Irwin Pertcheck.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Eugene Allen Phillips.....Dayton
 B.Mus.
Field of Specialization: Music
- Jane Newell Pletcher.....Lockport, N. Y.
 A.B. (Miami University)
Field of Specialization: Journalism
- Howard Maxwell Potter.....Stockbridge, Mass.
 B.S. (United States Military Academy)
Field of Specialization: Political Science

- Sandra Germond Pritz.....Columbus
 A.B. (Mount Holyoke College)
Field of Specialization: Economics
- Walter Wayne Radike.....St. Clair, Mich.
 B.A. (Adrian College)
Field of Specialization: Sociology
- James Richard Raia.....Parma
 B.Sc.
Field of Specialization: Psychology
- Mary Mueller Ratliff.....Litchfield, Ill.
 B.Sc. in Edu.
Field of Specialization: Education
- Patricia Ann Renick.....Tampa, Fla.
 B.S. (Florida State University)
Field of Specialization: Art
- Ann Willa Richardson.....Huntington, W. Va.
 B.A. (Marshall University)
Field of Specialization: Education
- Carole Lou Roberts.....Lewisburg
 B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- John Theodore Robich.....Dillon, S. C.
 B.A.
Field of Specialization: Sociology
- William Arthur Rottmayer.....Tallmadge
 B.A.
Field of Specialization: Philosophy
- Susan Lucas Royer.....Dayton
 B.Sc. in Edu.
Field of Specialization: Sociology
- Thomas Lee Sands.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Joseph Frederick Santoro.....Newark, N. Y.
 B.S. (State University College of Education at Oswego, New York)
Field of Specialization: Education
- Paul Reber Schilling.....Tiffin
 B.S. (Bluffton College)
Field of Specialization: Psychology
- Ruediger Siegfried Schroerer.....Enon
 B.A., B.Sc. in Edu.
Field of Specialization: Psychology
- Alice Louise Schupp.....Peabody, Kan.
 B.A. (Beloit College)
Field of Specialization: Romance Languages

- James Joseph Schwartz.....Newark
 Ph.B. (Pontificia Universitas Gregoriana, Italy)
Field of Specialization: Romance Languages
- Otto Alfred Schwarz.....Lorain
 B.Sc. in Edu.
Field of Specialization: Education
- Charles Lanier Shaffer.....Columbus
 B.Sc.
Field of Specialization: Psychology
- Nicholas Andrew Sharp.....Lawrence, Kan.
 B.A. (University of Kansas)
Field of Specialization: English
- Judith Denecke Showalter.....Columbus
 B.A. (Blackburn College, Illinois)
Field of Specialization: Romance Languages
- Janet Barber Smith.....Shaker Heights
 B.A. (Albion College)
Field of Specialization: Education
- John Matthew Soptick.....Shawnee Mission, Kan.
 B.A. (Rockhurst College)
Field of Specialization: Education
- Lee Irving Spade.....Worthington
 B.S.Ed. (Butler University)
Field of Specialization: Psychology
- Larry Lee Speelman.....Columbus
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Paula Lazarus Spier.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Psychology
- Patricia Anne Stedman.....Columbus
 B.A. (College of Saint Mary of the Springs)
Field of Specialization: Sociology
- Connie Williams Stephens.....Steubenville
 B.S. in Elem. Edu. (Mount Union College)
Field of Specialization: Education
- Joan Maynard Stettner.....Bronx, N. Y.
 B.A. (Hofstra College)
Field of Specialization: History
- Duane Howard Straight.....Steubenville
 B.S. (Phy. Ed.) (University of Notre Dame)
Field of Specialization: Physical Education
- Carol Russow Taylor.....Columbus
 B.A. (Michigan State University)
Field of Specialization: Education
- Ronald Livingston Thompson.....Miami, Fla.
 B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Speech

- Janet Caron Topper.....Flushing, N. Y.
 B.A. (State University of New York at Albany)
Field of Specialization: History
- David M. W. Travers.....Kalamazoo, Mich.
 A.B. (Oberlin College)
Field of Specialization: Philosophy
- Abigail Turner.....Decatur, Ala.
 B.S. (Auburn University)
Field of Specialization: Economics
- Bruce Randolph Tyler.....Brecksville
 A.B. (Miami University)
Field of Specialization: Romance Languages
- Karen Hanslanger Vaneman.....Beaver Falls, Pa.
 B.A. (Geneva College)
Field of Specialization: English
- Gary Vaughan Vicars.....Orient
 B.S. in Ed. (Pikeville College)
Field of Specialization: Education
- Jane Yem Ying Fong Waldo.....Erie, Pa.
 A.B. (Psychology) (Mount Union College)
Field of Specialization: Psychology
- Glynda Marie Walker.....Cranston, R. I.
 B.S. (Ed.) (Southern Illinois University)
Field of Specialization: Speech
- Fred Milo Walter.....Geneva
 B.Sc. in Edu.
Field of Specialization: Education
- Nancy McInturf Warner.....Newark
 B.Sc. in Edu.
Field of Specialization: Education
- Chester Allen Weigle.....Greenwich
 B.A. (Grace College)
Field of Specialization: Education
- Evelyn May Wherry.....Cincinnati
 B.Sc. in Edu.
Field of Specialization: Art
- Nina Boas White.....Sausalito, Calif.
 B.A. (San Francisco State College)
Field of Specialization: Art
- Beverly Hoyt Williges.....Columbus
 A.B. (Wittenberg University)
Field of Specialization: Psychology
- Phillip Stanley Wilson.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- David Michael Winslow.....Gahanna
 B.S.Ed. (Indiana State Teachers College, Pennsylvania)
Field of Specialization: Education

- Samuel Bruce Wolfe.....Logan
 B.A. (Otterbein College)
Field of Specialization: Economics
- John Howell Woodburn.....Urbana
 B.S. (Wheaton College)
Field of Specialization: Education
- Dorothy Imhoff Wyse.....Toledo
 B.A. (Goshen College)
Field of Specialization: Music
- Melissa Blair Wyss.....Delaware
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Gary Eugene Young.....Shelby
 B.S. in Educ. (Ashland College)
Field of Specialization: Education

Master of Business Administration

(Twenty-one candidates)

- Timothy Patrick Althaus.....Toledo
 B.A. (Otterbein College)
Field of Specialization: Business Organization
- John Bruce Burrowes.....Dayton
 B.S.Ed. (Miami University)
Field of Specialization: Business Organization
- John Jerome Canning.....Rochester, N. Y.
 A.B. (University of Rochester)
Field of Specialization: Business Organization
- Stephen Renee DuMont.....Medway
 B.E.E.
Field of Specialization: Business Organization
- Leo Franklin Grandon.....Chillicothe
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Elmer Eric Holt.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Business Organization
- Roger Willard Hutt.....Chillicothe
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Wayne Milton Kaser.....Sidney
 B.M.E.
Field of Specialization: Business Organization
- Robert Boyd Kirklin.....Downey, Calif.
 B.S. (Colorado State University)
Field of Specialization: Business Organization
- Isao Kurita.....Tokyo, Japan
 B.A. (Keio University)
Field of Specialization: Business Organization

- Gary LeRoy Ludwig.....Dayton
 B.S. in E.E. (University of Kansas)
Field of Specialization: Business Organization
- Douglas Lloyd Mahrer.....Bridgeville, Pa.
 B.S. in E.E. (Lehigh University)
Field of Specialization: Business Organization
- Jay Dale Marsh.....Chicago, Ill.
 B.Sc.
Field of Specialization: Business Organization
- William Glenn May.....Marion
 B.S. (Bowling Green State University)
Field of Specialization: Business Organization
- Richard Charles McCray.....Columbus
 B.M.E.
Field of Specialization: Business Organization
- Thomas Roger Miller.....Eaton
 B.A.
Field of Specialization: Business Organization
- William Harold Mott, Jr.....Dayton
 B.S. in Bus. (Miami University)
Field of Specialization: Business Organization
- Sidney Gene Nelson.....New Kensington, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Business Organization
- Suphachai Phisitvanich.....Bangkok, Thailand
 B.Sc. B.A., B.Sc.Com. (Thammasat University)
Field of Specialization: Business Organization
- Harold Walter Squire.....Columbus
 B.A. (Grinnell College)
Field of Specialization: Business Organization
- Robert Miles Todd.....Columbus
 B.S.E.E. (University of Toledo)
Field of Specialization: Business Organization

Master of City Planning

(Three candidates)

- Jerry Lee Angell.....Harrisburg, Pa.
 B.A. (Washington and Jefferson College)
Field of Specialization: City and Regional Planning
- Bradford Lowell Pryce.....Schenectady, N. Y.
 A.B. (University of Pennsylvania)
Field of Specialization: City and Regional Planning
- Donald Everett Reis.....Huron
 B.A. (Michigan State University)
Field of Specialization: City and Regional Planning

Master of Fine Arts*(Six candidates)*

- Susan Kay Denison.....Marion, Ind.
B.S. in Educ. (Ball State Teachers College)
Field of Specialization: Fine Arts (Sculpture)
- Peter Hotchkiss Entorf.....Detroit, Mich.
B.F.A.
Field of Specialization: Fine Arts (Ceramics)
- Helen Beatrice Evans.....Columbus
B.Sc. in Edu.
Field of Specialization: Fine Arts (Sculpture)
- Henry Frederick Klein.....Wanaque, N. J.
A.B. (Oberlin College)
Field of Specialization: Fine Arts (Painting)
- Kevin Scott Krejci.....Lakewood
B.A. (Ohio Wesleyan University)
Field of Specialization: Fine Arts (Painting)
- Marian Vexler Telerski.....Columbus
B.A. (Douglass College)
Field of Specialization: Fine Arts (Ceramics)

Master of Music*(Two candidates)*

- Albert Salvator Caldron.....Youngstown
B.M. (Youngstown University)
Field of Specialization: Music
- Robert Gibson Gerster.....Akron
B.Mus.
Field of Specialization: Music

Master of Science*(One hundred and sixty-five candidates)*

- David Carl Abbott.....New Carlisle
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Charles Foster Adams.....Medway
A.B. (West Virginia University)
Field of Specialization: Mathematics
- John Alexander Adams, Jr.....Big Timber, Mont.
B.S. (Montana State College)
Field of Specialization: Chemistry
- Fred Leslie Adler.....Cleveland
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Lydia Reyes Alcantara.....Manila, Philippines
B.S.N. (Philippine Christian College)
Field of Specialization: Nursing

- Dennis Murray Anderson.....Columbus
 B.Sc. in Agr.
Field of Specialization: Botany
- Najat Issa Arkan.....Baghdad, Iraq
 B.D.S. (Baghdad University)
Field of Specialization: Dentistry
- Leroy Arthur Babbitt, Jr.....Eastham, Mass.
 B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- Gretchen Ruth Batra.....Columbus
 B.S. (Michigan State University)
Field of Specialization: Home Economics
- Carol Jean Beasley.....Fairview, Mass.
 B.S. in Ed. (State College at Framingham, Massachusetts)
Field of Specialization: Home Economics
- Ann Seff Berenstein.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- Thomas Lynn Bibb.....Beckley, W. Va.
 B.S. in Agri. (Virginia Polytechnic Institute); D.V.M.
Field of Specialization: Veterinary Medicine
- Jay Walter Bittner.....Painesville
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Allan Lloyd Bowers.....Cadiz
 B.A. (West Liberty State College)
Field of Specialization: Zoology
- John Phillip Brailey.....Dayton
 B.S.E. (University of Connecticut)
Field of Specialization: Mathematics
- Gerald Lee Brubaker.....Orrville
 B.Sc.
Field of Specialization: Chemistry
- Richard James Buist.....Arlington Heights, Ill.
 B.Sc.
Field of Specialization: Physics
- Linda McMahon Burke.....Columbus
 B.Sc. in Med. Diet.
Field of Specialization: Preventive Medicine
- Jane Schlechty Byers.....Columbus
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Amanda Martinez Carmona.....Santiago, Chile
Field of Specialization: Dairy Technology

- Richard Glenn Carpenter.....Fredericktown
A.B. (Hiram College)
Field of Specialization: Mathematics
- Dennis Gerald Carroll.....Gaithersburg, Md.
B.S. (Creighton University)
Field of Specialization: Geodetic Science
- Vinod Kumar Chaudhry.....Delhi, India
B.Tech. (Indian Institute of Technology, Kharagpur, India)
Field of Specialization: Electrical Engineering
- Douglas Vincent Chaytor.....St. John's, Newf., Canada
D.D.S. (Dalhousie University)
Field of Specialization: Dentistry
- Nicholas Samuel Checkles.....Columbus
B.S. (University of Toledo) ; M.D. (University of Cincinnati)
Field of Specialization: Physical Medicine
- Ashok Kumar Choudhery.....New Delhi, India
B.Sc. (Dairy Tech.) (Sardar Vallabhbhai Vidyapeeth)
Field of Specialization: Dairy Technology
- Kenner Allen Christensen.....Duluth, Minn.
B.A. (University of Minnesota)
Field of Specialization: Chemistry
- John Wheaton Clark.....Houston, Tex.
B.S. in Geol. (University of Texas)
Field of Specialization: Geodetic Science
- Kathryn Pearce Clausen.....Dayton
B.A., M.D.
Field of Specialization: Pathology
- Karen Dreier Cost.....Port Clinton
B.Sc. in Med. Tech.
Field of Specialization: Pathology
- John Harold Cottrill.....Logan
B.S. (Capital University) ; D.D.S.
Field of Specialization: Dentistry
- Kathleen Elizabeth Cralley.....Cincinnati
A.B. (Grinnell College)
Field of Specialization: Microbiology
- Gary Warren Davis.....Highland
D.V.M.
Field of Specialization: Veterinary Pathology
- Denis Arthur DeLuchi.....Bangor, Me.
A.B. (University of California, Berkeley)
Field of Specialization: Geodetic Science
- Michael Lee Denniston.....Galesburg, Ill.
B.A. (Knox College)
Field of Specialization: Chemistry
- John Edward Desautels.....Burlington, Vt.
B.S. in Math. (University of Vermont)
Field of Specialization: Mathematics

- John Emery Dibert.....Springfield
D.D.S.
Field of Specialization: Dentistry
- Richard Dean Dixon.....Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Jack LaVerne Dodd.....Columbus
B.A. (State College of Iowa); M.D. (State University of Iowa)
Field of Specialization: Psychiatry
- James Francis Dollison, Jr.....Youngstown
B.S. (Ohio University)
Field of Specialization: Anatomy
- Jenia Dequina Dormitorio.....Iloilo, Philippines
B.Sc.Ch.E. (University of San Agustin)
Field of Specialization: Horticulture
- **Charles Henry Drummond, III.....Maumee
Field of Specialization: Ceramic Engineering
- Arnold Richard DuPont.....Eatontown, N. J.
B.S. (United States Naval Academy)
Field of Specialization: Industrial Engineering
- Guillermo DuQue.....Bogota, Colombia
Ing. (University of Los Andes); B.S. (University of Kansas)
Field of Specialization: Civil Engineering
- Charles Nelson Eastlake, II.....Cincinnati
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Donald Stuart Edgcombe.....Westerville
B.Aero.E.
Field of Specialization: Physics
- Harold Edward Farris, Jr.....Owensville, Mo.
B.S. (Agr.), D.V.M. (University of Missouri)
Field of Specialization: Veterinary Medicine
- Thomas Ritson Ferguson, Jr.....Clarksburg, W. Va.
B.S.Ch.E. (West Virginia University)
Field of Specialization: Metallurgical Engineering
- Chalk Fry.....Columbus
D.D.S.
Field of Specialization: Dentistry
- James Joseph Galiardi.....Riverdale, Ill.
B.S.E.E. (Illinois Institute of Technology)
Field of Specialization: Electrical Engineering
- David Andrew Gansner.....West Chester, Pa.
B.S. in For. (University of Missouri)
Field of Specialization: Agricultural Economics and Rural Sociology
- Walton Richard Garner.....Columbus
B.S. (Capital University); M.D.
Field of Specialization: Preventive Medicine

** Also Bachelor of Ceramic Engineering, and Bachelor of Science in Physics, College of Engineering

- Robert Daniel Giammar.....Cleveland
 B.S. (Case Western Reserve University)
Field of Specialization: Mechanical Engineering
- Madhukar Bhaorao Golhar.....Maharashtra, India
 B.Sc., M.Sc. (Nagpur University)
Field of Specialization: Computer and Information Science
- Frederick Richard Good.....Fostoria
 B.Sc.
Field of Specialization: Horticulture
- David Ellsworth Greene.....Fairborn
 B.S. (United States Naval Academy); M.S.E.E. (Air Force Institute
 of Technology)
Field of Specialization: Mathematics
- Gayle Kent Grimes.....Greenville
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- David Gregory Haas.....Stow
 D.D.S. (Loyola University)
Field of Specialization: Dentistry
- John Eldridge Hall.....Yankeetown, Fla.
 M.D. (University of Colorado)
Field of Specialization: Preventive Medicine
- Richard Lee Hamilton.....Hamilton
 D.D.S.
Field of Specialization: Dentistry
- Keith Allan Harville.....New Milford
 B.S. (Ohio University)
Field of Specialization: Pathology
- George David Hay.....Columbus
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Charles Henry Heiberg.....Lynnwood, Wash.
 B.S. in Math. (Massachusetts Institute of Technology)
Field of Specialization: Mathematics
- James Charles Hickey.....Mt. Prospect, Ill...
 B.S. (Capital University); D.D.S. (University of Illinois)
Field of Specialization: Dentistry
- Harold Michael Hill.....St. Paris
 B.Sc. in Agr.
Field of Specialization: Horticulture
- George Wyckliffe Hoffer.....Belvedere, S. C.
 A.B., M.D. (University of North Carolina)
Field of Specialization: Preventive Medicine
- Barbara Boggs Holcomb.....Richwood
 B.S.H.E. (West Virginia University)
Field of Specialization: Home Economics

- Verna LaVerne Holoman.....Ivor, Va.
 B.S. (Virginia State College)
Field of Specialization: Zoology
- John Thomas Hopkins.....Jeromesville
 B.A.
Field of Specialization: Agricultural Economics and Rural Sociology
- Sue Hsiu-huei Huang.....Taipei, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Physiology
- James Armin Huber.....New Albany
 B.S. (Capital University)
Field of Specialization: Mathematics
- Vichitr Huchehavanich.....Phang-nga, Thailand
 B.Eng. (Chulalongkorn University, Bangkok)
Field of Specialization: Civil Engineering
- Robert Ottinger Jacoby.....Cincinnati
 D.V.M. (Cornell University)
Field of Specialization: Veterinary Pathology
- Sharon Irene Jaeger.....Detroit, Mich.
 B.S. in Med. Tech. (Michigan College of Mining and Technology)
Field of Specialization: Pathology
- Melvin Douglas Johnson.....Long Beach, Calif.
 B.S. (California State College, Long Beach)
Field of Specialization: Electrical Engineering
- Robert Rudolph Jurick.....Fairborn
 B.S.M.E. (Carnegie Institute of Technology); M.Edu. (Saint Lawrence University)
Field of Specialization: Mathematics
- William Kahn.....Fort McClellan, Ala.
 B.S. (Michigan College of Mining and Technology)
Field of Specialization: Nuclear Engineering
- Guntis Kalnins.....Bucyrus
 B.Sc.
Field of Specialization: Mathematics
- Nancy Ann McConkey Kenney.....Malta
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Joseph Edward Kinnan.....Miami, Fla.
 B.S. (University of Florida)
Field of Specialization: Geodetic Science
- Michael Andrew Klembara.....Lisbon
 B.Sc.
Field of Specialization: Mathematics
- Herbert Makoto Kobayashi.....Honolulu, Hawaii
 B.A., D.D.S.
Field of Specialization: Dentistry

- Robert Dale Koester.....Columbus
 B.S. in Met. E. (University of Missouri)
Field of Specialization: Metallurgical Engineering
- Ahmet Zeki Kutlu.....Istanbul, Turkey
 B.S. in Chem.Eng. (University of Tulsa, Oklahoma)
Field of Specialization: Chemical Engineering
- John Harvey Lauterbach.....Haworth, N. J.
 B.S. (Worcester Polytechnic Institute)
Field of Specialization: Chemistry
- William Michael Lay.....Parkersburg, W. Va.
 B.Sc. in Sci.Engr. (Northwestern University)
Field of Specialization: Computer and Information Science
- Martin George LeBoeuf.....Dayton
 B.S. (University of Dayton); D.D.S.
Field of Specialization: Dentistry
- Michael Jay Lehmilller.....North Industry
 B.A. (Kent State University)
Field of Specialization: Mathematics
- Swie Pik Liem.....Makassar, Indonesia
 Ing. (Bandung Institute of Technology)
Field of Specialization: Civil Engineering
- Ronald Litvak.....University Heights
 A.B. (Case Western Reserve University); M.D.
Field of Specialization: Psychiatry
- James David Logan.....Dahlgren, Va.
 B.M.E. (Cleveland State University)
Field of Specialization: Engineering Mechanics
- John David Logan.....Kettering
 B.Sc.
Field of Specialization: Mathematics
- Kathleen Dempsey Losey.....West Springfield, Mass.
 B.S. (Saint Joseph College, Connecticut)
Field of Specialization: Home Economics
- Loren Gilmore Lundquist.....Faribault, Minn.
 B.Sc.
Field of Specialization: Physics
- Michael Scott Mabee.....Cleveland
 B.Sc.
Field of Specialization: Poultry Science
- Tushar Kanti Maitra.....Bihar, India
 B.Sc., B.M. and S. (University of Calcutta)
Field of Specialization: Pathology
- Alfred John Mallette.....West De Pere, Wis.
 B.A., B.S. (Saint Norbert College)
Field of Specialization: Industrial Engineering

- Charles Lloyd Martin..... Hilliard
 B.S. (Montana State College); D.V.M. (Washington State University)
Field of Specialization: Veterinary Medicine
- Ernest Dean Massie..... Wooster
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- Carolyn Lee McDonough..... Emlenton, Pa.
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Arthur Anthony Minadeo..... Cleveland
 B.Sc.
Field of Specialization: Mathematics
- Ram Mohan..... Patna, Bihar, India
 B.V.Sc. and A.H. (Magadh University, India)
Field of Specialization: Poultry Science
- Augustine Uzo Mokwunye..... Asaba, Nigeria
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard Michael Montesano..... Buffalo, N. Y.
 B.S. in Chem. (Saint Louis University)
Field of Specialization: Chemistry
- Barry Elwin Morgan..... Mentor
 B.S. (Case Western Reserve University)
Field of Specialization: Mechanical Engineering
- Walter George Moster..... Cincinnati
 M.D.
Field of Specialization: Surgery
- Gerald Kurt Mueller..... Urbana, Ill.
 B.S. in E.E. (University of Illinois)
Field of Specialization: Electrical Engineering
- John Worthington Myers..... Columbus
 B.S., D.D.S. (University of Maryland)
Field of Specialization: Dentistry
- Raymond Wade Najem..... Hubbard
 A.B., D.D.S. (Case Western Reserve University)
Field of Specialization: Dentistry
- Boonlers Nakasiri..... Samuthsongkram, Thailand
 B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Clinton Louis Noren..... Jefferson, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: Geodetic Science
- James Stanley O'Connor..... Fairview Park
 B.M.E. (University of Detroit)
Field of Specialization: Aeronautical and Astronautical Engineering

- Eleanor Marks Pao.....Yellow Springs
 B.S. (H.E.) (Cornell University)
Field of Specialization: Home Economics
- Joyce Ann Payne.....Coshocton
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Kerstin De Long Philips.....Englishtown, N. J.
 B.S. (Pennsylvania State University)
Field of Specialization: Chemistry
- John Raymond Phythyon.....Dayton
 B.S. (Wake Forest College)
Field of Specialization: Botany
- Helen Mary Pollock.....Santa Monica, Calif.
 B.A. (University of Wisconsin)
Field of Specialization: Pathology
- Kit Yeong Poon.....Singapore
 B.D.S. (University of Singapore)
Field of Specialization: Dentistry
- *James Edwin Randall.....Uhrichsville
Field of Specialization: Electrical Engineering
- John William Reese.....Greenwood, Wis.
 B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Entomology
- George William Reinhardt.....Cincinnati
 E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Adel Smith Riegel.....Canal Winchester
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Thomas Earl Rinderer.....Dubuque, Ia.
 B.S. (Loras College)
Field of Specialization: Zoology and Entomology
- Richard Byram Rivir.....Kettering
 B.S. (Aero.Engr.) (Purdue University)
Field of Specialization: Aeronautical and Astronautical Engineering
- †Robert Emmett Roche, Jr.....Celina
Field of Specialization: Civil Engineering
- Jaime Jesus Rodriguez.....Caracas, Venezuela
 Civil Engin. (Central University of Venezuela, Caracas)
Field of Specialization: Civil Engineering
- George Edgar Ropp.....London
 B.Sc. in Agr.
Field of Specialization: Agricultural Education

* Also Bachelor of Electrical Engineering, College of Engineering

† Also Bachelor of Civil Engineering, College of Engineering

- Richard John Ruhl.....Johnstown, N. Y.
 B.A. (State University College, Plattsburgh, New York)
Field of Specialization: Mathematics
- Dennis Joseph Saturnino.....South Euclid
 B.S. (John Carroll University)
Field of Specialization: Chemistry
- Helmut Siegfried Schmidt.....Winnipeg, Man., Canada
 M.D. (University of Toronto)
Field of Specialization: Psychiatry
- Glenn Nils Smith.....New Hyde Park, N. Y.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Howard Shadoin Smith.....Columbus
 B.M.E.
Field of Specialization: Nuclear Engineering
- John Russell Smith.....Kettering
 B.S. (Pennsylvania State University)
Field of Specialization: Mechanical Engineering
- Eliane Van Ty Soley.....Galena
 B.A.
Field of Specialization: Mathematics
- Edward Neil Sperry.....College Station, Tex.
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Loretta Dittrich Spotila.....Fairview Park
 B.S. in Home Ec. (University of Dayton)
Field of Specialization: Home Economics
- Robert Leon Staretz.....Marblehead, Mass.
 B.S.E.E. (Tufts University)
Field of Specialization: Electrical Engineering
- Michael Alois Stary.....Hawthorne, Calif.
 A.B. (Harvard College)
Field of Specialization: Industrial Engineering
- James Arthur Swenberg.....Saint Paul, Minn.
 B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Pathology
- Thomas Neil Taylor.....Columbus
 B.M.E.
Field of Specialization: Mechanical Engineering
- Gayle Morris Tellis.....Kettering
 B.S. Math. (Purdue University); B.Sc. in Edu.
Field of Specialization: Mathematics
- Craig Le Roy Thom.....Granville
 A.B. (University of California, Santa Barbara); B.S. (Oregon State
 University)
Field of Specialization: Mechanical Engineering

- Thomas Jay Thomason.....Pittsburgh, Pa.
 B.S. (Allegheny College)
Field of Specialization: Geodetic Science
- James Edward Thomasson.....Smithfield
 B.A. (Ohio Wesleyan University)
Field of Specialization: Chemistry
- Lucas Titan.....Johannesburg, South Africa
 B.Sc. (University of Witwatersrand); B.Com. (University of South Africa)
Field of Specialization: Civil Engineering
- Ronald K. Tompkins.....Mansfield
 A.B. (Ohio University); M.D. (Johns Hopkins University)
Field of Specialization: Surgery
- *Louis Stephen Toth.....South Bend, Ind.
Field of Specialization: Electrical Engineering
- Harry Spencer Turner.....Dayton
 B.A. (Manchester College); M.D.
Field of Specialization: Preventive Medicine
- James Phillip Veach.....Orlando, Fla.
 B.S. (Geol.Engr.) (University of Kansas)
Field of Specialization: Geodetic Science
- Subhash Chandra Vidyarthi.....Lucknow, India
 B.M.B.S. (University of Lucknow)
Field of Specialization: Pathology
- Harold Richard VonWyl.....Canton
 D.D.S.
Field of Specialization: Physiology
- *Kenneth Andrew Wallace.....Walhonding
Field of Specialization: Electrical Engineering
- Rosemary Casey Wander.....Texarkana, Ark.
 B.S. (Centenary College of Louisiana)
Field of Specialization: Chemistry
- Chun-jen Wang.....Kaohsiung, Taiwan, China
 B.S. in Engr. (National Taiwan University)
Field of Specialization: Chemical Engineering
- Jerome Burton Westin.....Forest Hills, N. Y.
 B.A. (Wesleyan University); M.D. (New York University)
Field of Specialization: Preventive Medicine
- †Robert Henry Westinghouse.....Worthington
Field of Specialization: Industrial Engineering
- Joel Edward White, Jr.....Columbus
 B.A. (Ohio Wesleyan University); M.D.
Field of Specialization: Surgery

* Also Bachelor of Electrical Engineering, College of Engineering

† Also Bachelor of Industrial Engineering, College of Engineering

- Nathaniel Miller White.....Cumberland, R. I.
 A.B. (Earlham College)
Field of Specialization: Astronomy
- Richard Michael Wilson.....Gary, Ind.
 A.B. (Indiana University)
Field of Specialization: Mathematics
- Gloria Rifici Woods.....Worthington
 A.B. (University of Miami)
Field of Specialization: Mathematics
- Richard Wilbur Worst.....Dayton
 B.S. (Denison University); M.D.
Field of Specialization: Psychiatry
- John Martin Yacher.....Leetonia
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Helen Yu-Hua Yin.....Alexandria, Va.
 B.S. (American University)
Field of Specialization: Chemistry
- Jeffry Allgier Yoder.....West Liberty
 B.Sc.
Field of Specialization: Mathematics
- Chung Yu.....Hong Kong
 B.E. (McGill University)
Field of Specialization: Electrical Engineering

Master of Science in Public Administration (One candidate)

- Sanguansri Vardhanaputi Piyanksuwan.....Bangkok, Thailand
 B.Com. (Chulalongkorn University)
Field of Specialization: Political Science

Master of Social Work (Fifty-eight candidates)

- Martha Huggard Ames.....Worthington
 A.B. (Miami University)
Field of Specialization: Social Work
- Kathleen Overberg Byrne.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Anne Catherine Callahan.....Glen Mills, Pa.
 A.B. (Grove City College)
Field of Specialization: Social Work
- Marcia Barbara Cherney.....North Bellmore, N. Y.
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Eleanor Osgood Chessman.....Granville
 B.A. (Wellesley College)
Field of Specialization: Social Work

- James Douglas Claggett.....Newark
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Vivian Burris Crawford.....Columbus
 B.A.
Field of Specialization: Social Work
- Dorothy Leigh Davis.....Wilmington, Del.
 B.S. (Wilberforce University)
Field of Specialization: Social Work
- William Edward Del Regno.....Cleveland
 A.B. (John Carroll University)
Field of Specialization: Social Work
- Ann Schiewetz Duellman.....Dayton
 B.S. (Nurs.) (University of Michigan)
Field of Specialization: Social Work
- Sister Nancy Fahey.....Columbus
 B.A. (Rosary Hill College)
Field of Specialization: Social Work
- Rosemary Fergus.....Cincinnati
 B.A. (Edgewood College of the Sacred Heart)
Field of Specialization: Social Work
- Patricia Eleanor Gants.....Covington, Ky.
 A.B. (Villa Madonna College)
Field of Specialization: Social Work
- Barry Richard Ginsburg.....Brooklyn, N. Y.
 B.A. (Harpur College, State University of New York, Binghamton)
Field of Specialization: Social Work
- Dale Irvin Girton.....Bellevue
 B.A. (Otterbein College)
Field of Specialization: Social Work
- Randy James Gorcz.....Cleveland
 B.A.
Field of Specialization: Social Work
- Nancy Barnes Green.....Franklin
 A.B. (Miami University)
Field of Specialization: Social Work
- Carol Joy Holiner Haupt.....Cincinnati
 A.B. (Antioch College)
Field of Specialization: Social Work
- John Francis Hemmer.....Newark
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: Social Work
- Barbara Ann Hill.....Rome, Ga.
 B.S. (Psych.) (Richmond Professional Institute)
Field of Specialization: Social Work

- William Joseph Hogan.....Cincinnati
 A.B. (Villa Madonna College)
Field of Specialization: Social Work
- Pauline Springer Hollander.....Columbus
 A.B. (University of California, Los Angeles)
Field of Specialization: Social Work
- Denise Marie Holmes.....Wichita, Kan.
 B.A. (DePauw University)
Field of Specialization: Social Work
- Caroline Della Morte Hothem.....Columbus
 B.Sc. in H.E.
Field of Specialization: Social Work
- Marcia Kruse Huffman.....Worthington
 A.B. (Hiram College)
Field of Specialization: Social Work
- David Nelson Hughes.....Anchorage, Alas.
 B.S. in Edu. (West Virginia State College)
Field of Specialization: Social Work
- Stephanie Hershberger Hunsinger.....Youngstown
 B.A. (Muskingum College)
Field of Specialization: Social Work
- Ellen Fay Jeret.....Newark, N. J.
 B.A. (Rutgers—The State University)
Field of Specialization: Social Work
- Eleanor Milton Johnson.....Yellow Springs
 A.B. (Mount Holyoke College)
Field of Specialization: Social Work
- Marie Jacobs Jones.....Columbus
 B.A., M.A. (University of Connecticut)
Field of Specialization: Social Work
- Mary Pat Kramer.....Columbus
 B.A. (College of Saint Mary of the Springs)
Field of Specialization: Social Work
- Nancy Measel Kurtz.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Susan Ross Lehman.....Eaton
 B.A.
Field of Specialization: Social Work
- Laurel Theobald Maglischo.....Fostoria
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Rosetta Johnson Mauldin.....Cincinnati
 B.S. in Educ. (Hampton Institute, Virginia)
Field of Specialization: Social Work
- Dorthadean Moorman.....Akron
 B.F.A. (Washburn University)
Field of Specialization: Social Work

- Jacqueline Hinsley Morrison.....Columbus
 B.Sc.
Field of Specialization: Social Work
- Randal Charles Morrison.....Stow
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Darrell Lee Murphy.....Canton
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Yvonne Pomaville Palmer.....Tuscaloosa, Ala.
 A.B. (Wayne State University)
Field of Specialization: Social Work
- Robert William Proctor.....Columbus
 B.S. (Michigan State University)
Field of Specialization: Social Work
- Pamela Kartsman Raphael.....Temple City, Calif.
 A.B. (University of California, Los Angeles)
Field of Specialization: Social Work
- Daniel Keyes Rees.....Dayton
 A.B. (Ohio University)
Field of Specialization: Social Work
- Marilyn Jo Ann Rifkin.....Cincinnati
 B.A. (Our Lady of Cincinnati College)
Field of Specialization: Social Work
- Merle Ritts Rosenblood.....Hamilton, Ont., Canada
 B.A. (San Fernando Valley State College)
Field of Specialization: Social Work
- Linda Ohmes Schorr.....Columbus
 B.A. (Florida State University)
Field of Specialization: Social Work
- Thelma Sobieski Sens.....Dayton
 A.B. (University of Dayton)
Field of Specialization: Social Work
- Barbara Lynn Shultz.....Baltimore, Md.
 A.B. (Capital University)
Field of Specialization: Social Work
- Robert Keith Snider.....Bethesda, Md.
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Martha Griffin Stearns.....Cincinnati
 B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Social Work
- Leonard William Streisel.....Columbus
 A.B. (University of Dayton)
Field of Specialization: Social Work

- Wanda Jean Taylor.....Dallas, Tex.
 B.S. (Stephen F. Austin State College)
Field of Specialization: Social Work
- Marguerite Hilton Turnbull.....Worthington
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Beverly Lipsett Viemeister.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Social Work
- Phyllis Jean Wilson.....Mansfield
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Shirley Mae Winter.....Oregon
 B.A.
Field of Specialization: Social Work
- John Kaino Wisch.....Columbus
 B.A. (Concordia Seminary)
Field of Specialization: Social Work
- Mary Elizabeth Young.....Port Richey, Fla.
 A.B. (Baldwin-Wallace College)
Field of Specialization: Social Work

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(One hundred and fifty-nine)

Richard Warren Addison.....	Marengo
Richard Carl Baer.....	Maumee
Gary Howard Barden.....	Smithville
Gary Joseph Barth.....	Litchfield
Jerry Lynn Beatty.....	DeGraff
John Alexander Bell.....	West Islip, N. Y.
William Howard Bennington.....	Sarasota, Fla.
Donald Lee Bettinger.....	Swanton
Mark Robert Bickel.....	Canal Winchester
Bonnie Harriet Bilton.....	Collins
Glenn Arthur Binnig (with Distinction in Forestry).....	Minerva
William Lee Black.....	New Waterford
Allen Post Bonnell.....	West Vancouver, B. C., Canada
David Michael Boothe.....	Jackson
Franklin Lee Borkosky.....	Arlington
Marion Edward Boutwell.....	Columbus
Robert Coleman Bowers, Jr.....	Wintersville
Lowell Earl Burrier.....	New Philadelphia
Virgil Christy Cameron.....	Defiance
Thomas John Cannava.....	Batavia
Robert Dale Carey.....	New Vienna
Richard Spence Carr (cum laude).....	Hillsboro
Stephen Ward Cavanaugh.....	Tiffin
Bruce Edward Chapman.....	Andover
Owen Gary Cisco.....	Lima
William Chauncey Clark.....	Urbana
Nelson Douglas Coleman.....	Salem
Donna Jeanne Craig.....	Washington C. H.
Harold Frederick Crites.....	Wilmington
Curtis Lee Crocker (with Distinction in Agricultural Economics).....	Wooster
Douglas Barger Davis.....	Frankfort
James Edwin Davis.....	Piqua
Robert Neil Dearth.....	Beverly
Leonard Elmer DeChant.....	Avon
John Withrow Deeter.....	Greenville
Fredrick Lawrence Deist.....	Beverly
Thomas Richard Denk.....	Millersburg
John Underwood Doster.....	Waynesville
Gary North Dugan.....	Perry
Robert Wayne Ellis.....	Wilmington
Terry William Emmons.....	Parma Heights
Arthur Gordon Fenn.....	Hudson
Thomas William Feurer.....	Painesville
Gary John Fichter.....	Parma Heights
Frederick Charles Finney.....	Marshallville
Dennis Cecil Fleming.....	Lima
Richard Arthur Fletcher.....	Hudson
Charles William Foss.....	Oak Harbor
Daniel Henry Fulk.....	Shiloh
Lillian Etta Goebel.....	Creston

John Gregory Gordon..... Fairborn
William James Gordon..... Wellington
Donald Edwin Gray..... Lisbon
James Andrew Gruss..... Tiffin
Gary Eugene Gunton..... Mentor
John Patrick Hackett..... London
Robert William Hall..... Akron
Linda Mae Hamrick..... Columbus
Richard Alan Harris..... Russell
Jerry Lee Haynam..... Minerva
Ned Richard Heintz..... DeGraff
Darryl Justin Hiestand..... Norwich
Richard Clifton Highman..... Columbus
Laura Lynne Hottle (with Distinction in Agricultural Education) .. Hillsboro
Larry Dale Householder..... Junction City
Jerry Allen Hoxworth..... Millersburg
William Eugene Hudson..... Pierpont
John Anthony Ignat..... Toledo
William Milton Isler..... Prospect
Paul Clifford Jenny..... DeGraff
Ronnie June Johnson (with Distinction in Wildlife Management)
New Carlisle
Clayton Russell Jones..... Radnor
David Alan Jones..... Newark
Larry Dean Jones..... Convoy
Sarah Irene Jones..... Shelby
George Eugene Jordan..... Orient
Ralph Kenton Jordan..... Fredericktown
Philip Wayne Keener..... West Salem
Daniel L. Kelley..... Chillicothe
David Michael Kelly..... Gahanna
Rodney Maurice Kissell..... Newark
Lewis Allen Klingler..... McComb
Roger Orville Kolp..... Cleveland
Robert Wayne Kreger..... Toledo
Edward Dale Lafontaine..... Carey
Dale Anderson Lamont, B.S. (Hiram College)..... Youngstown
Diana Jean Leach..... Stow
Thomas Leslie Lindsey..... Mount Sterling
John Walter Logan (with Distinction in Forestry)..... Cleveland
James Paul Loichinger..... Cincinnati
David Lynn Loveland..... Chardon
Duane Rome Lucas..... Somerton
John Kenneth Ludwick..... Hillsboro
Michael Anthony Mastrangelo..... Gates Mills
Scott Thomas McClain..... North Lima
Gordon Lee McDonald..... Chardon
Douglas Roy Mercer..... McConnelsville
Jay Dwight Meyers..... Cleveland
Gary Joel Miller..... Creston
Phillip Ian Miller..... Columbus
Robert John Milroy..... Huntsville
Charles Lee Moore (with Distinction in Agricultural Education) .. Galloway
Robert Eugene Moore..... Xenia
Julian Clark Morgan..... Urbana
Clifford John Murray..... Cold Spring Harbor, N. Y.

Arthur LeRoy Myers	Canton
Thomas William Naegele	Cincinnati
James Edmond Niehaus	Cincinnati
Rene Elmer Niese	Leipsic
Clarence Ray Noecker	Ashville
Robert Bryan Nuding	Celina
Micheal Dennis Obrecht	Jeromesville
Richard Allen Pence	Winchester
Charles Edward Plikerd	Delphos
Richard Lee Porterfield	Marion
Donald Lee Povolny	Newbury
Terry Lee Reed	Ashville
Thomas Michael Reno	Hillsboro
John Henry Rettig	McClure
David Allen Rickly	Lakeville
Thomas Dean Riedeman	Genoa
Robert Alvin Risdon	Vermilion
Alan Paul Rosenblum	Columbus
James Edward Ryan	Delta
Richard Joseph Salisbury	Fairport, N. Y.
William Ray Sallee	Huntsburg
Gary Norman Schneider	Whipple
Richard Warren Schultze	East Northport, N. Y.
David Lee Seiss	Ashland
Robert Carroll Sheard, Jr.	Xenia
Kenneth Dean Simeral	Adena
Russell Everett Simmonds (summa cum laude and with Distinction in Agricultural Economics)	Cleves
Michael Jay Simpson	Dayton
Lawrence Elliott Smith	Columbus
Theodore Albert Smucker	Archbold
*Rufus Allen Sparks	Warren
Harold Edward Sterwerf	Cincinnati
Dedra Ann Stevenson	New Kensington, Pa.
Dennis Robert Straits	Oregon
Patricia Carol Strausser	Ravenna
Edward Michael Studenka	Delta
James Louis Szabo	Chagrin Falls
Terry Norman Teeple	North Jackson
Allen Lee Turnbull	Gahanna
Teresa Peter Umana	Nigeria, Africa
Allan John VanVlerah	Defiance
Donald Richard White	Oneida, N. Y.
Marion Douglas White	West Union
Michael Herman Whittington	Ansonia
James Albert Whyde	Zanesville
Thomas Frederick Williams	Fredericktown
David Hershey Willits	Cincinnati
Thomas Ray Wilson	Groveport
Jerry Wayne Witten	Lowell
Gary Earl Writsel	New Holland
Roland Orrin Yackee	Wauseon
Marion Dean Yoder	Shreve
Dennis James Young	Somerset
Richard E. Zartman	Springfield

* Also Doctor of Veterinary Medicine, College of Veterinary Medicine

Bachelor of Science in Dairy Technology*(Four candidates)*

Robert Carroll Allard.....	Doylestown
David Herbert Hill.....	Albion, N. Y.
Eugene Paul McBean.....	Huntsburg
Larry Edward Woodford.....	West Farmington

Bachelor of Science in Food Technology*(Five candidates)*

William John Ansted.....	Elmore
James Emerson Bowser (cum laude and with Distinction in Food Technology).....	New Lebanon
Robert Louis Joseph (with Distinction in Food Technology).....	Utica
Allan James Kish.....	Bristolville
Barbara Michele Messenger.....	Orrville

*School of Home Economics***Bachelor of Science in Home Economics***(Eighty-three candidates)*

Lilli Margaret Adler.....	Shaker Heights
Toni Patricia Albano.....	Buffalo, N. Y.
Sharon Kay Bailey (summa cum laude).....	Barnesville
Helen Lamson Barber.....	Pennington, N. J.
Barbara Jean Becker.....	Beach City
Carol Hanley Berridge.....	Marion
Carol Jean Boyd.....	Stoutsville
Bonney Jane Burns.....	Newton Highlands, Mass.
Nellie Jane Cleeves.....	Durham, N. C.
Linda Cook Cronkleton.....	Columbus
Rosemary Patricia Crozier.....	Fort Lee, N. J.
Karen Lee Deffinger.....	Marengo
Karen Jean Derickson.....	Columbus
Maureen Carol Derringer.....	New Lebanon
Connie Edith Dial.....	Mt. Vernon
Linda Kay Dresher.....	Lima
Claire Ellen Driscoll.....	Dublin
Sarel Duberstein.....	Dayton
Lynda Kay Dunlap.....	DeGraff
Joanne Elizabeth Eisenhooth.....	Wilkes-Barre, Pa.
Sandra Lee Ellenwood.....	Columbus
Susan Manifold Eller.....	Reynoldsburg
Cynthia Susan Erfurt.....	Columbus
Anne Elizabeth Fisher.....	Springfield
Harriet Huber Furlow.....	Fulton, N. Y.
Nancy Jane Gordon.....	Bolivar
Susan Beth Hirschbein.....	Lido Beach, N. Y.
Judith Ann Hoelscher.....	New Knoxville
Penelope Mae Hook.....	Cincinnati
Kay Vivian Hostetler.....	Mentor
Nancy Joan Hudak.....	Painesville
Patricia Anne Humphreys.....	Lima
Alma Kay Huntsman.....	Martins Ferry
Katharine Ingalls.....	Columbus
Margaret Pumphrey Jacobs.....	Painesville
Suzanne Laura Jacobs.....	West Long Branch, N. J.
Karen Gulcher Jones.....	Columbus
Nancy Jo Kackley.....	Columbus
Marjorie Ann Kentner.....	Cleveland

Kay Ann Keske.....	Cleveland
Karen Deanne King.....	Dresden
Nancy Kay Knox.....	Gahanna
Kay Annette Kohler (cum laude).....	Canal Winchester
Nancy Jane Koppenhafer.....	Bowling Green
Angeline Koracin.....	Bremen
Carol Jean Lee.....	Kettering
Janeray Irene Mackey (cum laude).....	New Martinsville, W. Va.
Cedora Hahn Magnuson.....	Lancaster
Marilyn Ann Mansperger.....	Euclid
Carolyn Jean Marquis.....	Amesville
Carolyn Louise Maxson.....	New Carlisle
Wilma Smelser McKeehen.....	Groveport
Ardis Martin Medley.....	Columbus
Ingrid Maria Melkerson (cum laude).....	Orrville
Peggy Lou Metzler.....	Greenville, Pa.
Tamara Lee Millet.....	Troy
Mary Kathryn Neeld.....	Springfield
Janice Marie Orehek (cum laude and with Distinction in Home Economics).....	Euclid
Mary Josephine O'Reilly.....	Columbus
Dorla Basinger Oren.....	Pandora
Judith Ann Orr.....	Orrville
Mary Lou Philpott.....	Lima
Barbara Sue Pierpoint.....	Gahanna
Jane Krall Potts.....	Kirtland
Sue Ellen Reed.....	Louisville, Ky.
Sarah Jo Reichert.....	Wooster
Judith Lynne Reisman.....	Warren
Marjorie Fry Rennie.....	Columbus
Linda Kay Roe.....	Monroeville
Sheryl Ann Romohr (cum laude).....	Columbus
Linda Susan Ruck (cum laude).....	Pittsburgh, Pa.
Susan Bernice Sawicki.....	Cleveland
Mary Anne Sheets.....	Delaware
Catherine Dianne Sherck.....	Republic
Susan Jane Stone.....	Brecksville
Mary Jane Stoll Swank.....	Marshallville
Gail Ann Swartzlander.....	Gibsonburg
Joyce Thompson.....	West Milton
Janet Lee Trytek.....	Parma
Julie Ann Vavrik (cum laude and with Distinction in Home Economics)	Luckey
Joan Elaine Walters.....	Beallsville
Nancy Jean Wistar.....	Massena, N. Y.
Alberta Louise Wolf (summa cum laude).....	Columbus
Bachelor of Science in Restaurant Management <i>(Three candidates)</i>	
Gary Lynn Bates.....	Cincinnati
Scott Hamilton Doughty.....	Plainfield, N. J.
Connie Lou Manfull.....	Augusta

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

(Four hundred and thirty-four candidates)

Richard David Abrash.....	Freeport, N. Y.
Thomas Gregory Adams.....	Fairport Harbor
Nancy Lea Aitel.....	Andover, Mass.
Ronald Edward Alexander.....	Urbana
Charles Lee Anderson.....	New Carlisle
Paul Eugene Ankrom, Jr.....	Dayton
Barbara Ruth Aronoff.....	Baltimore, Md.
Alan Joseph Azzara.....	Hempstead, N. Y.
John Edson Bailey, III (cum laude).....	Washington C. H.
Ronald Merrill Baker.....	Englewood Cliffs, N. J.
Arthur S. Barsky.....	Washington, D. C.
Ronald Elliot Bass.....	Arlington, Va.
Joseph Bauer.....	Shaker Heights
Joan Louise Baynes.....	Cleveland Heights
John Christopher Beatty.....	Columbus
Albert Eugene Becker, Jr.....	Dayton
Barry Lynn Beer.....	Mansfield
John Frederick Bender.....	Bucyrus
†Mary Johnson Benkert (cum laude).....	Piqua
Donna Joan Berg.....	Lorain
Terry Arthur Bethel.....	Chillicothe
James Sumner Bidlake.....	Columbus
Rodney Edwin Bird.....	Dover
James Allen Blackman.....	Wakeman
Richard Paul Blume.....	Fort Lauderdale, Fla.
Daniel Ralph Bobb.....	Wapakoneta
Earl Lawrence Bohachek, III.....	Kettering
Robert William Boker.....	Meadville, Pa.
*Alexander Joseph Bolla, Jr.....	Rocky River
Charles Wesley Boyce, Jr.....	Shelby
Alan Bruce Boyd (cum laude).....	Akron
Beverly Ann Braun.....	Dayton
Steven Ernest Breyfogle.....	Massillon
James Marion Broadstone.....	Dayton
Charles Ellsworth Brooks.....	Port Clinton
Robert Allen Brooks.....	Carmel, Calif.
David Noel Brown (cum laude).....	Parma Heights
Kerry Margaret Brown.....	Columbus
*Linda Rose Brown.....	Rocky River
Susan Ellen Brown (summa cum laude and with Distinction in History)	Columbus
Bernette Love Bullock.....	Cincinnati
Aaron Harley Bulloff.....	Columbus
Ray Quincy Bumgarner.....	Dayton
Kenneth Barry Bundy.....	Toronto
Doris Elaine Byrd (cum laude).....	Bellefontaine
Thomas Terry Call.....	Columbus

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

* Also Bachelor of Science in Education, College of Education

Helen Hageman Campbell.....	Arlington, Va.
Betty Lee Caplan.....	Charleston, W. Va.
Samuel Michael Capparell.....	Windham
Raymond Edward Cestar.....	New Haven, Conn.
Caroline Chalfant (cum laude and with Distinction in Psychology)	Staubenville
Clarissa Ethel Chauby.....	Euclid
Eddie Arnold Chesley.....	Roseville
Charles Edwin Chittenden (cum laude).....	Columbus
James Michael Chubb.....	Columbus
Mark Ira Cinnamon.....	Bergenfield, N. J.
†Nancy Gibson Clayton.....	Kettering
Robert Bruce Clayton.....	Eaton
Carolyn Ann Clemens (with Distinction in Slavic Languages and Literature).....	Maple Heights
Laurie Durbin Clement.....	Columbus
William Robert Cobourn.....	Toledo
Jack Edward Cogan.....	Canton
David Nathan Cohen (with Distinction in History).....	Columbus
Robert Edward Cohen.....	Miami Beach, Fla.
Dean Frederick Cole.....	Cleveland
Don Edward Collins.....	Troy
†Phyllis Sue Collins.....	Cincinnati
Howard Gene Compton.....	Blacklick
Richard Thomas Conlon.....	Cincinnati
†Connie Lee Cook.....	Woodsfield
Marcene Alice Cook.....	Lima
James Francis Corbi.....	Hamden, Conn.
John Ranney Covert.....	Cleveland
John David Crabill.....	Tiffin
Kenneth Mark Craig (cum laude).....	Columbus
Kenneth Lee Cromer.....	Cleveland
†Carol Lynn Cummins.....	Piqua
Timothy Robert Cutcher.....	Vermilion
Joseph Cybulsky.....	Youngstown
Richard Arden Dally.....	Cuyahoga Falls
Sarah Holden Dana.....	Painesville
Kent Ross Daniels.....	Cincinnati
Gary Robert Danner.....	Dayton
David Harrison Davies.....	Kirtland
John Alan Day.....	Bay Village
Diana Lee DeStefano.....	Groveport
Phillip Bruce Detwiler.....	Marysville
Paul George Diener.....	Lexington
Robert Allen Dierker.....	Dayton
Kathleen Elizabeth Dillon.....	Binghamton, N. Y.
Thomas John Disantis.....	Cleveland Heights
Jennifer Lea Disney.....	Cincinnati
George Jack Donson, Jr. (summa cum laude).....	Kettering
James Edward Doyle.....	Cleveland
Richard Martin Dragonette.....	Warwick, N. Y.
Terrence Ray Dugan.....	Toledo
Thomas Arthur Ehorn.....	Canal Winchester
Jerry Alan Emerick.....	Columbus
Barbara Roly English.....	Chagrin Falls

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Kerry Thomas Evans..... West Alexandria
 Cynthia Bunn Fair..... Wooster
 *Janice Louise Farra..... Dayton
 William Joseph Fazio..... Rome, N. Y.
 Leonard Frank Fendell..... Columbus
 David Allen Filtz..... Martins Ferry
 Donald Jefferson Fisher, Jr..... Columbus
 Sharon Forsythe..... Granville
 Rita Jean Fox..... Dayton
 Andra Ellen Freedus..... Mt. Vernon, N. Y.
 Diane Sue Frobose..... Pemberville
 Penelope Ann Gardner..... Charleston, S. C.
 Lanetta Scott Gary..... Tulsa, Okla.
 Glenn Barry Gastwirth..... West Hempstead, N. Y.
 Noreen Marie Gavin..... Cleveland
 Steven Edward Geiger..... Millersport
 Nathan David Geisler..... Toledo
 Barbara Ann Geistweit (with Distinction in Anthropology)

Williamsport, Pa.
 Richard Brian Gelman..... Dayton
 Nancy Jane Gilbert..... Berea
 William Hunter Gill..... Coshocton
 John William Glendon..... Cuyahoga Falls
 Jeanne Louise Glynn..... Buffalo, N. Y.
 Richard Dennis Goldberg..... Youngstown
 Steven Robert Goldberg..... Manhasset, N. Y.
 Kenneth Mark Goldstein..... New York, N. Y.
 Gary Brian Goodman..... Upper Sandusky
 Jacob Knight Goodman (cum laude)..... Middletown
 Mira Gordon..... South Euclid
 Debbi Arlene Goss..... Newark, N. J.
 Neil Francis Grabenstetter (summa cum laude and with Distinction
 in French)..... Valley City
 William Henry Graham..... Union, N. J.
 Ronald Harvey Greenblatt..... University Heights
 Kenneth Attilio Guerra..... Sandusky
 Jerald Eugene Haas..... Columbus
 Ronald Lawrence Hainen (summa cum laude)..... Fostoria
 Anne Ruth Hale..... Columbus
 Marjorie Ann Hall..... Alliance
 Karen Elaine Hamilton..... Springfield
 John Herm Hanna..... Napoleon
 Robert Baldwin Harris..... Chillicothe
 Steven Allen Harsh..... Dayton
 Marticia Jo Hartsock..... Westerville
 Beverly Doty Hauschildt..... Lynchburg
 Robert James Haverkamp..... Enon
 Cheryl Ann Hayden..... Columbus
 Jo Ann Gattton Heck..... Columbus
 Stephen Louis Heise..... Troy
 Jane Bell Henning..... Shelby
 Ralph Howard Herolzer (cum laude)..... Dayton
 Roger Dennis Herron..... Kettering
 Gaius Bliss Hershey..... Troy
 Michael Alex Heyman..... Lakewood, N. J.

* Also Bachelor of Science in Education, College of Education

†Marianne Leoni Mollenkamp.....	Rayland
Margaret Ann Morrison.....	Findlay
Michael David Moser.....	Columbus
Carl Nicholas Moyer.....	Lancaster
Michael James Muldoon.....	Niagara Falls, N. Y.
James Harold Mullen.....	Oakwood
Tom Henry Nagel (cum laude).....	Cincinnati
Sharon Louise Neal.....	Dayton
Kenneth Wallace Neidenthal.....	Columbus
James Mackin Nesbit.....	Huron
Claudia Margaret Neumann.....	Jamaica, N. Y.
Michael Joe Newell.....	Columbus
Robert Charles Newton.....	Dover
Rebecca Sue Nolt.....	Wooster
Catherine Anne O'Brien.....	Mansfield
Patricia Michele O'Brien.....	Westerville
Patrick James O'Brien.....	Dublin
Mary Yoakam Ogi, B.Sc. in Edu.....	Mt. Vernon
Eugene Arthur Olsen.....	Germantown
Jo Marie Ometer.....	Shelby
Howard Roy Ornstein.....	Cleveland Heights
John Paul Pallay.....	Columbus
Penelope Caroline Palmer.....	Washington C. H.
Stephanie Esther Pappas.....	Akron
Barbara Levin Parker.....	Cleveland Heights
Robert Thomas Payne.....	Columbus
James Tydings Pierce.....	Bethesda, Md.
Julius John Pierman.....	Cleveland
Daniel A. Piloseno, Jr.....	Worthington
Anthony James Pirrone.....	Garfield Heights
Ann Lynn Pollak.....	Cincinnati
Hinda Sue Pozner.....	North Bergen, N. J.
Jeffrey Michael Price (cum laude).....	Lorain
Joyce Ellen Price.....	Huntington, W. Va.
Kathleen Diane Prouty.....	East Cleveland
Marjorie Lee Pryse.....	Cincinnati
Joyce Masouda Raby.....	Allentown, Pa.
*Robert Joseph Ragosin (cum laude).....	Youngstown
Gary William Ralles.....	Canton
Mary Margaret Ralstin.....	Otway
Michael Pendleton Rank.....	Lima
Richard Alfred Ransom.....	Canton
Pamela Rapp.....	East Meadow, N. Y.
Kenneth Ralph Reynolds.....	Parma
Carol Anne Rhoades.....	Piqua
Laura Prindle Rice (cum laude).....	Hudson
Robert Nelson Rice.....	North Canton
Stevan Bishop Richards.....	Annandale, Va.
†Barbara Gene Roach.....	Columbus
Gregory Allen Robe.....	Delaware
Mark Sandberg Rogers.....	Columbus
Margaret Ross Rohrer.....	East Liverpool
Ole Bjorn Rongen.....	Drobak, Norway
Sharon Gail Rubin.....	Shaker Heights
Suzanne Margaret Rubino.....	Buffalo, N. Y.

* Also Doctor of Medicine, College of Medicine

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Ellen Louise Spence.....	Blanchester
Lee Paul Sperling.....	University Heights
Lynne Narelle Springer (summa cum laude).....	Columbus
John Wilson Sproat, Jr.....	Columbus
Charles Ainslie Starratt, Jr.....	Marietta, Ga.
Terrence Joseph Steel.....	Akron
Charles Lloyd Stein.....	Cuyahoga Falls
Kenneth Carl Stein.....	Toledo
Barbara Anne Stertz.....	Manhasset, N. Y.
*Sue Ellen Stocker.....	Mansfield
Douglas Dandridge Stoup.....	Camp Hill, Pa.
Robert Niles Stroh.....	St. Marys
Harry Shiel Sudman.....	Cincinnati
Bohdan Askold Suszko.....	Parma
William Preston Sweitzer, Jr.....	Cleveland
Rodney Barnett Teague.....	Dayton
Richard George Terapak.....	Columbus
†Jean Louise Thillberg.....	Poland
*Arleen Ann Thomas.....	Williamsport
Maureen Cecilia Thompson.....	Youngstown
Paul Reginald Thompson.....	Columbus
Terry Jay Thompson.....	Marion
Edward Allen Tiefenthaler.....	Delaware
Philip Eugene Titus.....	Bellefontaine
Wayne Ian Tover.....	Flushing, N. Y.
Thomas Walter Trinter.....	Columbus
Wolfgang Troeltzsch.....	Philadelphia, Pa.
*Dorothea Miller Tyree.....	Philadelphia, Pa.
Keith Welton Vandegrift.....	Cuyahoga Falls
Ross Paul VanLerberghe.....	Wakeman
James Robert Van Sickle.....	Midland, Mich.
Michael Joseph Velotta.....	Columbus
Robert Anthony Vertocnik.....	Cleveland
Eugene Talmadge Vickers.....	Chillicothe
Edward George VonderEmbe.....	Mansfield
William Owen Walker, III.....	Columbus
Judy Kay Wallace.....	Carrollton
Garry Lee Walters.....	Columbus
Raymond George Wanamaker.....	Petoskey, Mich.
Marcia Mazziotti Ward.....	Toledo
Paul A. Wasserman.....	South Euclid
George Lawrence Wear.....	Portsmouth
Judith Kay Weiss.....	Lancaster
Mark Albert Welge.....	Huntington, N. Y.
Werner Adolf Wellmann.....	Ashtabula
Charles Isadore Wexler.....	Toledo
John N. Whapham.....	Ashtabula
*Sandra Jeanne White.....	Columbus
Craig Marion Wiester.....	Mt. Vernon
Robert Bliss Willoughby.....	Grundy Center, Ia.
David Allan Wilson.....	Spring Valley
Judy Ann Winkler.....	Paterson, N. J.
Julie Anne Witt.....	Columbus, Ga.
Richard Henry Wojcik.....	Parma Heights

* Also Bachelor of Science in Education, College of Education

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Barry Miles Wolk.....	Silver Spring, Md.
Peter Culross Wood.....	Blacklick
Michael Jay Work.....	Pleasant Hill
John Robert Workman.....	Columbus
Mary Ellen Wynn.....	Cuyahoga Falls
Frank George Zauner.....	Worthington
Gail Joy Zeigler.....	Youngstown
Paul George Zeigler, II (cum laude and with Distinction in History)	Youngstown
John Marc Scher Zeller.....	Washington, D. C.
Joan Paula Zenker.....	Englewood, N. J.
Carla Louise Zimmerman (summa cum laude).....	Oberlin
William Craig Zimmerpher.....	Piqua

Bachelor of Science

(One hundred and forty-five candidates)

Michael Dean Acheson.....	Lakeview
Ann Alcock.....	Ashland
Michael Paul Allerdig.....	Mt. Vernon
Thomas Dale Atteberry.....	Heath
Ronald Joseph Baird.....	Kettering
Jerome Joseph Bartosik.....	Warren
Emil Woodrow Baxstrom, II.....	Wooster
Bruce Keenan Bell.....	Columbus
Patrick Edmond Biliter.....	Columbus
David John Blower (cum laude and with Distinction in Psychology)	Grove City
Sharon Louise Bohinc.....	Cleveland
Lawrence Wade Bond.....	Akron
Allen Perry Brand.....	Austinburg
Darrell Lawrence Brautigam.....	Sidney
Diana McLain Brechbuhler.....	Delaware
Reesa Helene Brotkin.....	Piqua
Frederick David Brown (with Distinction in Psychology).....	Columbus
William Francis Browne.....	Columbus
Anna Marie Bruzzese.....	Steubenville
Stephen Nichols CaJacob.....	Lima
Albert James Calabrese.....	Akron
John Robert Cameron.....	Walton Hills
Janet Gail Cayce.....	Virginia Beach, Va.
John West Cook.....	Newark
Raymond Taggart Crossland.....	East Palestine
Robert Humbert DaPrato.....	Celina
Barbara Ellen Demming (summa cum laude and with Distinction in Psychology).....	University Heights
Ibrahima Popodora Diallo.....	Labe, Republic of Guinea, Africa
Elinor Charlotte Dodge.....	Richmond Heights
Harold Roger Drewes (summa cum laude and with Distinction in Chemistry).....	Cincinnati
Carol Sue Duckwald.....	San Jose, Calif.
Daniel Mark Dunson (summa cum laude).....	Columbus
Claude Wesley Eggleton.....	Amlin
David Michael Eibling.....	Columbus
Carl Robert Evans (summa cum laude).....	Columbus
Peggy Lou Eyerly.....	Mansfield

John William Fisher.....	Akron
Eric Harlen Ford.....	Columbus
Ward Vincent Foster, Jr.....	Dublin
Frank Hartley Fowler.....	Madison
Holly Melynda Frey.....	Worthington
George Constantine Gatsos.....	North Olmsted
Alan James Geiger.....	Cortland
Thomas John Glivar.....	Cleveland
Leslie Francis Goins, Jr.....	Dayton
William Allan Gordon.....	Columbus
Earl Eugene Gottsman.....	Carrollton
John Gilbert Gross.....	Pataskala
Norman William Gutmacher.....	Lyndhurst
Mohamed H. M. Habib.....	Medina, Saudi Arabia
Ronald Eugene Haines.....	Washington C. H.
Michael Edward Hamilton.....	Mansfield
Douglas M. Haney.....	Sidney
Edward Freeman Hann, Jr.....	Columbus
James Robert Hanna.....	Parma
Constance Christina Hetzler.....	Franklin
William Keith Holcomb.....	Zanesville
Jan Bethel Hollett.....	Lorain
John Randall Hott.....	Columbus
Jon Rickey Hurd.....	Columbus
Douglas Arthur Hurst.....	Columbus
Susan Kay Huston.....	Cleveland
Paul David Jenkins, Jr.....	Massillon
Cheryl Ann Johnson.....	Columbus
Kenneth Lee Johnson.....	Akron
James Arthur Jones.....	Columbus
John Richard Josephson.....	Cleveland Heights
Victoria Anne Juvrud.....	Poland
Jack Bruce Kashdin.....	Elmont, N. Y.
John William Keller.....	Wilmington, Del.
John Bennett Kizer.....	Portsmouth
Marianne Kocher.....	Dayton
Dale Francis Koons.....	Eaton
Peter James Kovi.....	Parma
Michael Roman Kowalysko.....	Cleveland
Edward Henry Lang, III.....	Columbus
Ronald Howard Leonard.....	Columbus
George Victor Lepes.....	Chagrin Falls
Lawrence Alan Levine.....	Wooster
Steven Ellis Lipson.....	Baldwin, N. Y.
Sharma Sarah Livingston.....	Sunbury
James Peter Lockard.....	Eastlake
George Allen Lutz.....	Columbus
Louise Ma.....	Middletown
Richard Alan Markell.....	Cleveland
Jeffrey Dale McDaniel (cum laude).....	Columbus
Douglas Keith McNeill.....	Bellefontaine
Douglas Craig Meredith.....	Piqua
David Allyn Miller.....	Conneaut
Rebecca Ann Miller.....	Columbus
Wayne Patrick Mogan, Jr.....	Columbus
Toby Cheryl Moidel (cum laude).....	East Liverpool

Charles Edward Morton (cum laude) Medina
 Constance Jean Murray Warren
 Edwin Walter Myers Columbus
 James Joseph Napoli (cum laude) Chicago, Ill.
 Jeannie Charles Newman Reynoldsburg
 Vaughn Evans Noe Elyria
 Carl Francis Noll North Ridgeville
 Lyman Claire Norden Napoleon
 Gary James Pace Akron
 Loren Cecil Penick New Philadelphia
 Cynthia Ann Pound Newark
 David Ralph Prasuhn Ansonia
 Bonnie Jean Ranck Marion
 Thomas Leech Randles Coshocton
 Linda Margaret Ranft (cum laude) Columbus
 Roger Franklin Rice Columbus
 Gary Adelbert Roberts Zanesville
 Daniel Patrick Runyan Alexandria
 Andre Saene-Saene Manga-Beira, Mozambique
 Edward Gustave Saurborn Columbus
 Carolyn Ann Schaible Dayton
 Gary Bruno Schmid Warrensville
 Randolph Richard Sheaff Cincinnati
 Karen Stelling Shepherd Columbus
 Gerald Arthur Shifrin Cleveland Heights
 Robert Gordon Shreiner Middlefield
 Robert Jerome Smith Hackensack, N. J.
 Oumar Sow Republic of Guinea, Africa
 Kent Renard Spuhler (cum laude) Murrysville, Pa.
 Karoline Steger (cum laude) Mansfield
 Frederick Irvin Stimpfle Columbus
 Carol Ann Stottlemeyer Steubenville
 John Andrew Strahle Columbus
 Roger Alan Stutz Piqua
 Duncan Bertrand Sutherland, Jr. Poland
 Richard Heath Taylor Bethel Park, Pa.
 Jeffrey Lynn Tennant Marion
 Jimmy Robert Thompson Fairborn
 Ruford Linley Tipton (cum laude) Dayton
 Arthur Samuel Tobin Everett, Mass.
 Frank Davis Turner Columbus
 Charles Tofie Tweel, Jr. Huntington, W. Va.
 James Bruce Unkefer (cum laude) Minerva
 Aleda Marie Vender South Euclid
 David John Warner Seville
 Wallis Diane Weiland Bucyrus
 Stephen Samuel Weinberg Huntington, N. Y.
 John Carrington Welch, III Shaker Heights
 Roger Anthony Wells Columbus
 Michael Craig Westfahl Cuyahoga Falls
 Deborah June Wright Ashland
 Frederick Ross Yaeger, Jr. (cum laude) Powell
 John William Zahara Bucyrus

School of Journalism

Bachelor of Arts

(Seventeen candidates)

Eileen Carol Billie.....	Parma
Kathleen Marie Cain.....	Brunswick
Ronald Lee Floor.....	Youngstown
Eleanor Grant.....	Columbus
Sandra Dean Gruber.....	Columbus
Kenneth Dean Hammond.....	West Milton
Lee Glen Hansen.....	Titusville, Fla.
Kathleen Marie Hoersten (cum laude).....	Lima
Philip Harold Kalban.....	Freeport, N. Y.
Liseli Ann Lynn.....	McLean, Va.
Ellen Gene Peters.....	Hamilton
David Alan Quillen.....	Springfield
Ronald Eugene Simon.....	Shelby
Josh William Stailey.....	Dublin
Louise Swartzwalder.....	Lakeville
Dale Allen Wilson.....	Columbus
Ronna Levine Ziegel.....	Little Neck, N. Y.

College of Biological Sciences

Acting Dean: John D. Briggs

Bachelor of Science

(One hundred and eighty-two candidates)

Marvin Abrams.....	Louisville, Ky.
John Peter Anderson.....	New Waterford
Thomas Harold Artzner.....	North Canton
Martin Robert Atkins.....	Toronto, Ont., Canada
Howard Jules Barron.....	Hollywood, Fla.
Gerald Eugene Bell.....	Middlefield
Karen Camille Biehl.....	Cleveland
Robert Keith Blackburn.....	Findlay
Alice Elaine Bope (summa cum laude).....	Somerset
William Howard Braund.....	Wooster
Margaret Elizabeth Brower.....	Arlington, Va.
Dennis Everett Brunskill.....	Milford Center
Stephen Houston Buch.....	Youngstown
Richard John Candela.....	Ashtabula
Michael David Caporal.....	Dayton
Darryl Anne Carter.....	Merrick, N. Y.
Joseph Amedeo Celona.....	Boston, Mass.
Denise Marie Chandonnet.....	Lockbourne AFB
Thomas Henry Chaney.....	London
Gordon Scott Collins, Jr.....	Cincinnati
Barbara Gayle Cook.....	Columbus
John Carl Cook, Jr.....	Van Wert
Michael Nicholas Cotignola.....	Glenside, Pa.
Sally Anne Craig.....	Port Washington, N. Y.
Peter Michael Danes.....	Cleveland Heights
William David Deeslie.....	St. Clairsville
Douglas Harvey Deutsch.....	Dayton
Ronald Thomas Doan.....	Rocky River
Lonnie Ray Doles.....	West Milton
Dana Wrensch Donaldson.....	Columbus
Richard Allen Dreher.....	Marietta
Michael Paul Duncombe.....	Pittsburgh, Pa.
Joan Frenee Duplain.....	Columbus
Tommy Joe Early.....	Brookville
Edward Charles Eberlin.....	Beachwood
Howard Jay Edelman.....	East Paterson, N. J.
Thomas Stanley Edwards (cum laude).....	North Canton
Michael Hugh Eidelman.....	Youngstown
Donald Thomas Evert (cum laude).....	Brecksville
Catherine Sue Farison (cum laude).....	Cincinnati
Harvey Michael Feld.....	Shaker Heights
James John Felfoldi, III.....	Dayton
Richard Reid Felix.....	North Lawrence
Barbara Ann Fink.....	Cincinnati
Dale Frederick Finkbine.....	Hamilton
William Alan Fignor.....	Lorain
John Michael Foster.....	Port Clinton
George Francis Fox.....	Hicksville, N. Y.
Irwin Samuel Fox.....	Columbus

Eric Alan Lynn Lima
 John Roy MacGregor Columbus
 David James Mancini Canton
 Ralph Michael Mancini North Canton
 Charles Michael McCool Shadyside
 Joy Helen McCullough (cum laude) Cleveland Heights
 Thomas Roush McDonald Circleville
 Timothy James McNealey Lakewood
 Leonard Anthony Migliore, Jr. Columbus
 Thomas Charles Milios Toledo
 Robert Carl Moschel Cincinnati
 Carole Anne Mutch Youngstown
 James Anthony Niziolek Parma
 Richard Charles Nyzen Jefferson
 Thomas William Oates (summa cum laude) Kenton
 Konrad Omeltschenko Apple Creek
 Charles William Orosz Cleveland
 Donald Wayne Oswalt Mansfield
 Gary Lynn Page Shelby
 Andrew Koloseus Palmer (cum laude and with Distinction in Zoology)
 Boonville, N. Y.
 Stephen Fellman Pariser Columbus
 Wayne Dwight Parker Bellefontaine
 Donald Edward Patthoff, Jr. Delphos
 Duane Lee Peavy (with Distinction in Microbiology) Dayton
 Edwin McDade Perkins Canton
 David Brooks Pierce Falls Church, Va.
 Henry Jay Rankow Hicksville, N. Y.
 Marsha Ann Reiss Worthington
 Michael Daniel Reuter Columbus
 David Charles Rice Warren
 Fred Thomas Richter Cincinnati
 Richard Melvin Riedy New London
 Morry Leon Rotenberg (cum laude) Cleveland
 James Frederick Ruhl Covington
 Bernardo Savariego Euclid
 Karl Ira Schaeffer (cum laude) Columbus
 Sharon Lea Schleich Grove City
 Stanley Alan Schneider Cleveland Heights
 Jared Naphtali Schwartz Youngstown
 Ellen Anne Seidensticker Columbus
 Edward Joel Septimus Flushing, N. Y.
 Richard Lee Shaffer Wauseon
 Daryl Dee Shank Dayton
 James Shima Maple Heights
 William James Simon Parma
 James Lee Sims Troy
 Randall Otto Slabe Parma
 Frederick Michael Smeltzer Columbus
 Mitchell Bryan Smith Waynesville
 William Robert Snyder Poland
 William Paul Sockman Mt. Vernon
 Steven Lee Steakley Ashtabula
 Alan Louis Sterling Columbus
 Michael David Stern Cleveland
 James Byron Talmage Rocky River

Timothy Harold Thatcher.....Chillicothe
 Larry Richard Thomas.....Findlay
 Tana Thompson.....Columbus
 Nicholas Joseph Tomasi.....Lima
 Michael Joseph Tomcik.....Columbus
 Ihor Wolodymyr Turczynewycz.....Parma
 Fred Martin Tuttle.....Louisville
 Gail Ann Tyler.....Gainesville, Fla.
 David James Vandersommen (cum laude).....Mansfield
 Bruce Ira Vogel.....Baldwin, N. Y.
 Edward Daron Vosatka.....New London
 Glenn Edwin Waldron.....Farmingdale, N. Y.
 Terry James Wandt.....Parma Heights
 Dennis James Ward.....Brookville
 Philip Peter Wasserman.....Helena
 Mark Edward Webster.....Caldwell
 David Neil Wertz.....Akron
 Ralph Joseph Wiessinger.....Lima
 Sylvia Townsend Winsch.....Columbus
 Alan Joseph Wood.....Springfield
 Donn Curtis Young.....Columbus
 John David Young.....Worthington

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration (Three hundred and six candidates)

Jeffrey Paul Albert.....	Beachwood
Elizabeth Anne Allemang.....	Spencer
Thomas Lee Arnett.....	Crestline
William Henry Aselage.....	Anna
Robert Lynn Asmus.....	Massillon
William Ray Baesman.....	Columbus
Howard Donald Bailey.....	Columbus
Robert Shannon Baker, Jr.....	Decatur, Ga.
Wesley Edward Baker, III.....	Berea
James Earnest Baldwin, Jr.....	Dayton
Richard Alan Bangs.....	Westfield, N. J.
Robert Paul Barnett.....	Wooster
Wendell Glenn Barr, Jr.....	Washington C. H.
John Dann Beam.....	Mt. Vernon
Constance Louise Beckwith.....	Toledo
Robert Paul Begelman.....	Patchogue, N. Y.
James Michael Bendau.....	Cleveland
Linda Ann Berg.....	Lockport, N. Y.
Charles H. Berk.....	Queens Village, N. Y.
Daniel Lewis Bevan.....	Wilmington
John Carleton Biesecker.....	Columbus
Joseph Randall Biggs.....	Pickerington
Daniel Carter Black.....	Mechanicsburg
William Kenneth Blackburn, Jr.....	Cleveland
Phillip Edwin Blue.....	Springfield
David Wilson Boeder.....	Lima
Arlynn Jo Bogar.....	Cleveland Heights
Nancy Ellen Bonsell.....	Mt. Vernon
David Graham Boring.....	Xenia
Ernest Clyde Bowman.....	West Jefferson
Jane Forsythe Boynton.....	Wheelersburg
Philip Arden Brandt.....	Lewistown
John Paul Brewster.....	Perry
Harold Lee Brown.....	Bellaire
Bruce David Buckholz.....	Mansfield
Lawrence Elliot Bull.....	Mentor
Robert Elsworth Burns.....	Marion
Heather Grier Cameron.....	Lisbon
Warren Alexander Campbell, III.....	Fairborn
Bernard Harris Caplin.....	University Heights
Michael Lynn Carmean.....	St. Louis, Mo.
Jerry Lynn Carraway.....	Columbus
Frank Leslie Carrick.....	Columbus
Charles Vincent Casagrande.....	Amelia
Lawrence Robert Chernikoff.....	Cleveland
John Charles Christiansen, Jr.....	North Canton
Phillip Eugene Cline.....	Dayton
Peter Anthony Cohen.....	Rockville Centre, N. Y.
Sharon Lynne Cohen.....	New York, N. Y.

Patrick Glenn Collins.....	Columbus
James Donald Conrad.....	Steubenville
Gregory Louis Crane.....	Brunswick
Robert Eugene Cribbs.....	Canton
Thomas Leonard Cronin, Jr.....	Greenville
Ronald Dean Dawson.....	Columbus
Terrence Marshall Dawson.....	Sandusky
William Ronald Deck.....	Columbus
John Robert Deislinger.....	Girard
James Fraser Delahunt, Jr.....	Huron
James George DeLong.....	Kingston
Joseph Henry Denig.....	Mansfield
Robert Peet Dickinson.....	Dayton
Michael Hilton Dickson.....	Columbus
David Lee Diehl.....	Uhrichsville
Richard James Dishnica.....	Canton
Gerald John Domis.....	Cincinnati
John Albert Donahue.....	Point Marion, Pa.
Robert James Donahue.....	Gahanna
Francis Bernard Drass, Jr.....	Detroit, Mich.
Douglas Lynn Dunham.....	Wooster
William Ned Eachus.....	Gallipolis
George Edward Ertel.....	Dayton
William James Etchell.....	Maple Heights
Ralph Gregory Evans.....	Columbus
Jon Leonard Faurot.....	Lima
Jeffrey Stephan Feder.....	Shaker Heights
Susan Ellen Feder.....	Reynoldsburg
John Joseph Fedor.....	Conneaut
Frank Michael Fink.....	Cleveland
James Robert Flament.....	Cleveland
Robert Paul Ford.....	Springfield
Richard Eugene Forrest, Jr.....	Springfield
George Ernest Forsty.....	Conneaut
Robert Harry Frederick.....	Coshocton
Russell Alvin French.....	Ashland
Dean Wilson Fried.....	Springfield
Gregory John Friess.....	Akron
Robert Eugene Fry, Jr. (cum laude).....	Buckland
Weston Linwood Gardner, Jr.....	Toledo
Jerome Matthew Gatto.....	Cleveland
Ronald Lee Geese.....	Dublin
Thomas Alan Getz.....	Mansfield
Vicki Lynn Giles.....	Springfield
Richard Norman Ginnis.....	Beachwood
Larry Dale Goff.....	West Mansfield
Fred Gerald Goldstein.....	Canton
Ladislaus Timothy Gollesz.....	Cleveland
Robert Lane Goodell.....	Cleveland
Fredric Sanford Goodman.....	Beachwood
Howard Russell Goodman.....	Columbus
Lynn Edward Goodwin.....	Cedarville
James Allan Grodin.....	Shaker Heights
Timothy Joseph Hagerty.....	Columbus
Irene Hagiantoniou (summa cum laude).....	Athens, Greece
David Miffin Hall.....	Dayton

Robert Herbert Harris.....	Columbus
Donald Allen Hazle.....	Mansfield
Bruce Viel Heine.....	Columbus
James Lee Hemmerly.....	Columbus
Laddie Herczeg (cum laude).....	Cleveland
Thomas Russell Herrick.....	Twinsburg
John Phelps Hetman.....	Wooster
Sheila Jean Hinaman.....	Caledonia
John Donaldson Holden.....	Columbus
Russell Simon Holdstein.....	Shaker Heights
Larry Eugene Hoover.....	Pasadena, Calif.
John Clifford Horter.....	Cleveland Heights
Charles Richard Hoskinson.....	Columbus
John David Huber.....	Bellefontaine
John Richard Hull.....	Columbus
William Timothy Irvin.....	Dayton
Thomas George Izaly.....	Columbus
John Stephen Izzie.....	Columbus
Robert Lynn Jacobs.....	University Heights
Charles Dee James.....	Waynesville
Larry George James.....	Cleveland
John Anthony Jeren, Jr.....	Campbell
Jack David Jester.....	Carroll
Gary Dennis Johns.....	Gibsonia, Pa.
Dale Eugene Johnson.....	Newark
Gerald Truett Johnson.....	Mansfield
Charles Ned Johnston.....	Columbus
Richard William Jordan.....	Litchfield Park, Ariz.
Jon Louis Kaemming.....	Toledo
James Ernest Kappeler.....	Dover
Bill Edward Katz.....	Cincinnati
Phillip William Kayser.....	Leavittsburg
Steven Keller.....	Akron
David Paul Klingelhafer.....	Galion
Gary Arthur Kohli.....	Wauseon
Bert William Koontz.....	Amherst
James Allan Krakowski.....	Cleveland
Ronald Alvin Kramer.....	East Cleveland
Michael Scott Krasnoff.....	Warren
Christopher Herman Kuhns.....	South Euclid
Bernerd Franklin Kurit.....	University Heights
Theodore Lakkides.....	Massillon
Bill George Lambert.....	New York, N. Y.
Dennis George Laurich.....	Parma
Thomas John Laut.....	West Lafayette
Robert Michael Lawrence.....	Butler, Pa.
William Anthony Lee.....	Lima
Larry Lee Lehning.....	North Bend
George Valeren Leshy.....	Columbus
Rhea-Jean Lieb.....	Dansville, N. Y.
John Foster Livorno.....	Shadyside
James Anthony Lopresti.....	Maple Heights
Thomas Allen Ludwig.....	Parma
John Joseph Lukianowicz.....	Seven Hills
Allan Gale Lumannick.....	Maple Heights
Barbara Jean Mahone.....	Shaker Heights

Timothy Peter Malishenko.....Fairborn
 Joseph Bryant Mangum.....Walbridge
 Harry Hollis Mann.....Grove City
 Julian Dean Manning.....Waverly
 James Anthony Marapoti.....Georgetown, Mass.
 Robert Terry Marlow.....Columbus
 Andrew Joseph Marusa.....Toledo
 Russell Milan Masters, Jr.....Xenia
 Ronald Robert Matasich.....Proctorville
 Thomas Jeffrey Maynard.....Columbus
 David Lee McKee.....New Holland
 Karl Morton McKinney.....Reynoldsburg
 Michael Paul McLaughlin.....Oregon
 James Eugene McNutt.....Columbus
 Linda Jean McReynolds.....Sidney
 Michael Hugh Mearan.....Ironton
 Jeffrey Joel Mellman.....Columbus
 Gayle Merves.....Lorain
 Donna Ann Meves.....Alliance
 David Jon Michael.....Oregon
 David Alan Miller.....Columbus
 John Raymond Miller.....Chardon
 John Roy Miller.....Camp Hill, Pa.
 Robert Milton Miller.....Columbus
 William Truesdell Miller.....Cleveland
 Keith David Monda.....Canton
 Kenneth Ellsworth Monroe.....Philo
 Donald Charles Morvai.....Mansfield
 Michael Francis Motil.....Columbus
 Ronald Arthur Mucha.....Parma Heights
 John Edward Mueller.....Worthington
 Robert Larry Mueller.....Columbus
 Richard Edward Nance.....Columbus
 Patrick Francis Naughton.....Lakewood
 Barrant Wyatt Nelson.....Medina
 Stephen Manion Nelson.....Columbus
 Charles Truman Newcomb, Jr.....Columbus
 Gary Alexander Nobil.....Akron
 Ronald Benjamin Noga.....Parma Heights
 Thomas Newton O'Connor.....Dayton
 John Alex Odenweller.....Ottawa
 Jeffrey Maxwell Oglevee.....Columbus
 Kendra Jean Orders.....Westerville
 Kenneth Charles Paige.....Lima
 Gregory Frank Palcanis.....Shaker Heights
 Roy William Palenschat.....Euclid
 Gary Alexander Paulson.....Cleveland
 Jack Edward Pender.....Columbus
 Michael David Pevzner.....Warren
 Kenneth Samuel Platt, Jr.....Youngstown
 William Merriman Price, IV.....Reynoldsburg
 Jerry Lee Pulley.....Westerville
 John Douglas Py.....Sandusky
 George Weir Rankin.....Groveport
 Susan Kay Raster.....Springfield
 James Daniel Raynak.....Hamilton

Alan Ira Reade.....	Far Rockaway, N. Y.
Rebecca Jane Reed.....	Bowling Green
Glenn Dale Reeser.....	Circleville
Marc Joel Reider.....	University Heights
William Earl Reuscher.....	Cincinnati
Robert Hancel Rice.....	Columbus
William Duke Ridings, Jr.....	Milford
Robert Clyde Rinehart, Jr.....	Columbus
William Paul Ritchie.....	Amlin
Ronald Asa Robison.....	Lewisburg
Richard George Robson.....	Tipp City
John Thomas Ross.....	Lima
William Charles Rush.....	Painesville
Raymond Al Sadauskas.....	Cleveland
David Arthur Samsel.....	Ashland
James Charles Sauer.....	Columbus
Starlett Ann Scheiderer.....	Plain City
Robert Alan Schordock.....	Lakewood
Donald Craig Schumacher.....	Columbus
Sherman David Schwartzberg.....	Columbus
Paul Edward Segal.....	Akron
Earl Jeffrey Sena.....	Cincinnati
Michael Angelo Sergio, Jr.....	Columbus
Thomas Richard Severns.....	Cambridge
Anne Brownson Sigel.....	Worcester, Mass.
Jeffrey Todd Siler.....	Dayton
Donald Leo Simcox.....	Columbus
Raymond Francis Sinchak.....	Denver, Colo.
Steven Freeland Smith.....	Sandusky
Walter Ernest Smith.....	Cincinnati
Gary Edward Snyder.....	Dayton
James Floyd Snyder.....	New London
Stephen Jack Snyder.....	Columbus
David Arthur Spangler.....	Columbus
Richard Blaine Sparks.....	Uhrichsville
Richard Allan Spencer.....	Springfield
Dean Spinanger (with Distinction in Economics).....	Cincinnati
Douglas Guy Squeo.....	Columbus
Robert Lee Starkey.....	West Richfield
John Gary Stauffer.....	Rocky River
Marc Theodor Stern.....	Columbus
William James Stern.....	Shaker Heights
Victoria Lynn Stewart.....	Columbus
John Ladd Stickel.....	Pittsburgh, Pa.
Keith Kelley Stilwell.....	Logan
Eric Michael Stolee.....	Vancouver, Wash.
Gary Richard Strickland.....	Worthington
Martin Joseph Strischek, III.....	Marysville
David Michael Sunshine.....	Shaker Heights
Glenn Matthew Taggart.....	Shaker Heights
Harry Harold Taich.....	Lorain
Robert Louis Tarczy.....	Cleveland
Lawrence Meritt Thatcher.....	Elyria
Thomas Poyner Thatcher.....	Sulphur Springs
David Allen Thomas.....	Mount Prospect, Ill.
John Edward Thompson.....	Mansfield

Wayne Lee Thompson.....	Bellefontaine
Kenneth Paul Thurston.....	Columbus
Daniel Ray Tidrick.....	Coshocton
Tommy George Trivan.....	Findlay
Ronald Joseph Truskolaski.....	Cadiz
Thomas Earl Turner.....	Marion
Stephen Howard Valentine.....	Columbus
George James VanHeyde.....	Columbus
Stephen Gary Varga.....	Worthington
James William Vogel.....	Toledo
Marsha Lois Vyner.....	Rochester, N. Y.
Wayne Kay Wagamon.....	Columbia Station
John Robert Waldo.....	Columbus
John Leslie Walkey.....	Lafayette, Ind.
Steven Michael Wander.....	New Rochelle, N. Y.
David William Warner.....	Johnstown
David Lowell Weber.....	Archbold
Bruce Owen Wedel.....	Cleveland
Wayne Allen Weintraub.....	Buffalo, N. Y.
Stuart Mark Weisberg.....	Cleveland
Larry Alan Weiser.....	University Heights
Michael Alan Weiser.....	Cleveland Heights
James Randolph West.....	Akron
Thomas Edgar Wheeler.....	Columbus
James Robert Williams.....	Eaton
Larry Owen Wilson.....	Columbus
Jerome Roy Winiasz.....	Lorain
Michael Alan Wolf.....	Sylvania
David Lewis Wolfe.....	Dublin
Larry Evert Wolfe.....	Wapakoneta
David Carleton Wright.....	Columbus
Charles George Zeisser, Jr.....	Warren
Dennis James Zimmerman.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Seventy-one candidates)

Linda Darlene Albert.....	Cincinnati
Cheryl Lynne Alexander.....	Cambridge
Ruth Immelt Anderson.....	Columbus
Leslie Carole Appel.....	University Heights
Richard Arthur.....	Crestline
Frances Dowell Bartelt.....	Columbus
Wendy Judith Beal.....	New York, N. Y.
Marsha Beverly Bernstein.....	Jericho, N. Y.
Ann Teresa Biesmeyer.....	Lakewood
Iris Blaustein.....	Shaker Heights
Sheryl Ann Brake.....	Delaware
John James Cassidy.....	Niles
Gail Louise Chern.....	Columbus
Cecile Victoria Cohen.....	Laurelton, N. Y.
Olivia Marie DeFrank.....	Columbus
Patricia Marie Dempsey.....	Delaware
Elaine Kay Eisiminger.....	Blacklick
Susan Eileen Emmons.....	Cincinnati
Judith Ann Faulhaber.....	Broadview Heights

David Michael Frankle.....Lorain
 Robert Clement Frederick.....Ashtabula
 Cathy Susan Glockner.....Cleveland
 Barbara Rose Goldstein.....Brooklyn, N. Y.
 Carolyn Louise Grant.....Cincinnati
 Bonnie Jean Greenberger.....University Heights
 Suellen Hager.....Gallipolis
 John Paul Helm.....North Canton
 Brenda Jane Herrman.....Cuyahoga Falls
 Cynthia Anne Hicks.....Columbus
 Claudia Elizabeth Hoefel.....Cincinnati
 Carol Ann Hoekelman.....Youngstown
 Melvin Aubrey Hoover.....Columbus
 Eileen Kay Hopkins.....University Heights
 Barbara Suzanne Horwitz.....Toledo
 Charles John Hudak.....Campbell
 Marcia Rose Huntley.....Bryan
 Dorothy Ann James.....Kettering
 Patricia Ann Jury.....Columbus
 Gene Victoria Kalin.....State College, Pa.
 Louis Rick Keefer.....Marion
 Patricia Caryl Littlejohn.....Columbus
 Sharon Ann Mallett.....Columbus
 Jean Clarice Marshall.....Eaton
 Diana Maryellen McKee.....Alexandria, Va.
 Carol Sue Milam.....Wintersville
 Ellen Kay Miner.....Beachwood
 John Hemphill Moffett.....Perrysburg
 Keith Alan Moon.....Columbus
 Lesa Jean Pashuck.....Woodstown, N. J.
 Joseph John Piaseczny.....Newark
 Donald Dean Pittman.....Columbus
 Mary Ann Prosser.....Columbus
 Martha Williams Radtke.....Bucyrus
 Arthur Richard Reynolds.....Columbus
 Mary Louise Rini.....Brecksville
 Arlene Lynn Rockower.....Fort Lee, N. J.
 Minda Jane Schwartz.....Springfield, N. J.
 Susan Frances Silverman.....East Liverpool
 Gay Suzanne Solomon.....Youngstown
 Paula Jean Solomon.....Columbus
 Anna Mae Steele.....Columbus
 Julie Marie Stierwalt.....Columbus
 Linda Ellen Stiner.....Columbus
 Janet Sue Stitzlein.....Loudonville
 Carolyn Jean Varga.....Hubbard
 Constance Ruth Voldrich.....Columbus
 Antoinette Camille Warren.....Columbus
 Joan Sherrill Weinberg.....University Heights
 Cynthia Lilly Wiles.....Columbus
 Lowell Eugene Williams, Jr.....Marion
 Gloria Jeanne Zahand.....Twinsburg

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(One hundred and twenty-three candidates)

David Adams, B.A. (Morehead State College)	Hamilton
Gordon Kermit Amsbary	Gallipolis
Philip Norman Ankrim (cum laude)	Ridgeland, S. C.
Eric Alan Appleberry (cum laude)	Yellow Springs
Herbert Allen Asch, B.Sc.	Lorain
Rudolf Werner August, B.A. (Capital University)	Columbus
William Allen Avery, Jr., B.S. (Denison University)	Granville
Bruce Louis Bartos	Cleveland
Henry Albert Berger	Piqua
Terrell D. Berryman	Grover Hill
Jerry Howard Brockhoff, B.S. (University of Cincinnati)	Cincinnati
Charles Harry Caldwell, B.A. (Washington and Jefferson College)	Columbus
William Lawrence Cindric	Dayton
Charles Henry Claibourne, B.Sc.	Wilmington
Daniel George Clauer	Springfield
Roger Lee Clouse	Youngstown
James David Corcoran	Independence
Eric Bice Cromwell, B.S. (Ohio Northern University)	Columbus
Ronald Leroy Dalleske	Youngstown
Bruce Arthur Damstra, B.A. (DePauw University)	Dayton
Matthew Harry Davies, A.B. (Miami University)	Troy
Stephen David Davis, A.B. (Youngstown University)	Hubbard
Stephen Sanders Davis, A.B. (Kenyon College)	Montreal, Que., Canada
Louis Albert Ebersold, B.A. (Ohio Wesleyan University)	Bay Village
Douglas Alan Edwards, B.S. (Xavier University)	Cleveland
Douglas Eugene Ehlers	Troy
David Leigh Evans	Lima
Evan Young Ewing, B.S. (John Carroll University)	Cleveland
Joseph Tony Fanti, Jr., B.A.A.E.	Uhrichsville
Jerre Eugene Feintheil	Birmingham, Mich.
Raymond Feudo, B.S. (John Carroll University)	Mayfield Heights
Robert Miles Finney	Marion
Anthony Martin Germani, B.S. (University of Cincinnati)	Youngstown
Robert Jeffrey Gersh	Dayton
Michael Charles Getz, A.B. (Miami University)	Hamilton
Richard Alan Ginsburg, B.B.A. (University of Pittsburgh)	Columbus
Robert Charles Glueck	Cincinnati
Charles Herman Guenther, Jr.	Wooster
Steven Neil Handler	Cincinnati
Roger Jeffrey Harris	Dayton
John Hastings	Lake Mary, Fla.
Mark Edwin John Heilman, IV	Columbus
Steven Neil Hochman	Shaker Heights
Alan Dale Hubley	Spencerville
Lawrence Dennis James	Cambridge
Dale Eugene Jones	Canfield
Ronald Lewis Kaylor	Canton
David LaMar Keiser	Sidney

Larry David Sindledecker (cum laude)	Shaker Heights
Robert Charles Skillicorn, B.A.	Bedford
Robert Richard Smith, B.Sc.	University Heights
Peter George Sorvas	Boca Raton, Fla.
David Rees Sperry, B.Sc.	Newark
David Henry Strack	Castalia
Kurt Van Swearingen	Granville
C. James Terna, B.Sc. in Edu.	Youngstown
James Stephan Traub, B.Sc.	Lorain
Gary Wood Troutman, B.Sc.	Toledo
Paul Frank Varland, B.S. (University of Cincinnati)	Cincinnati
Stuart Allen Vendeland, B.S. (University of Cincinnati)	Cincinnati
Bruce Edward Vollmer	Cincinnati
Walter Nicholas Waits (cum laude)	Columbus
James Michael Walz	Defiance
David Lloyd Wells, B.S. (University of Toledo) (summa cum laude)	Toledo
Richard Henry Westmeyer, B.S. (University of Dayton)	Toledo
Dale Michael White, B.S. (Ohio University)	Cincinnati
Stanley Arthur Williams	Hayesville
David Lee Wolery, B.Sc. in Edu.	Portsmouth
Loren Ray Yoder, B.A. (Bowling Green State University)	North Canton
David Jeremiah Young, B.S. (United States Naval Academy)	Plain City
Donald Lynn Zimmerman, B.Sc. (cum laude)	Bluffton
Michael Jay Zimmerman, B.A.	Columbus

Certificate of Graduate Dental Hygienist

(Seventy-five candidates)

Diane Anagnos	Dayton
Charlotte King Ashton	Columbus
Cynthia Ann Ayers	Woodville
Trudi Diane Baker	Walbridge
Judy Ann Barry	Portsmouth
†Mary Johnson Benkert	Piqua
Diana Mary Bennett	Lakewood
Susan Leslie Birnbaum	Youngstown
Stephany Sue Bogner	Mansfield
Susan Lynne Broughton	Cincinnati
Barbara Jean Brown	Cincinnati
Marilyn Sue Brubaker	Piqua
†Nancy Gibson Clayton	Kettering
Marcia Anne Close	Millersburg
Marlene Sue Cohn	Cincinnati
†Phyllis Sue Collins	Cincinnati
†Connie Lee Cook	Woodsfield
June Aretta Cooper	Piqua
Sandra Lynne Cowell	Worthington
†Carol Lynn Cummins	Piqua
Diane Lynn Cusher	Cincinnati
Karen Patricia David	Swanton
Sue Anne Detzel	Cincinnati
Jane Ellen Dyer	Bay Village
Donna Anne Edelman	South Euclid
Sandra Stewart Ferguson	Gahanna
Patricia Elaine Franks	Parma Heights
Sandra Lee Genoozis	Columbus

† Also Bachelor of Arts, College of Arts and Sciences

Doree Jean Greendyke.....Greenville
Linda Irene Grosshart.....Columbus
Constance Marie Hilt.....Fremont
Mary Lou Hoover.....Seville
Sharon Ann Houtz.....Youngstown
Rebecca Ann Jaynes.....Dayton
Barbara Jean Johnson.....Columbus
Barbara Novy Johnson.....Downers Grove, Ill.
Rita Sue Kahn.....Columbus
Linda Kay Kaumeyer.....Columbus
Karen Jane Krafzick.....Cincinnati
Susan Jane Krauth.....Columbus
Shirley Clairice Krieg.....Cincinnati
Carol Ann Krouse.....Defiance
†Jacquelyn LeVine.....Toledo
†Sally Jeanne Marko.....Toledo
Marsha Jane Martinelli.....New Philadelphia
Nancy Ann McClelland.....Columbus
Carolyn Ann McClintock.....Cincinnati
Linda Dianne McKean.....Defiance
Michelle Kathryn Meister.....Brooklyn
†Susan Ethel Miller.....Columbus
†Marianne Leoni Mollenkamp.....Rayland
Jean Ann Monbeck.....Dayton
Marilyn Grace Moyer.....Findlay
Marilyn Ann Nichols.....Lebanon
Sherry Ann Payne.....West Chester
Nancy Ann Plajer.....Alliance
Jacolynn Joy Pryor.....Lancaster
Miriam Eileen Purcell.....Cincinnati
Susan Kay Reed.....Delta
Karen Ellen Refkin.....Canton
Sandra Lee Reich.....Westerville
†Barbara Gene Roach.....Columbus
Cheryl Ann Salisbury.....Dayton
†Ellen Schwartz.....Baltimore, Md.
Donna Jacqueline Shearer.....Hamilton
†Elaine Marilyn Smith.....Cincinnati
Kathleen Ann Smith.....Lyndhurst
Dee Ann Springer.....Kettering
Susan Dee Stull.....Mansfield
†Jean Louise Thillberg.....Poland
Lauren Fay Toensing.....Bay Village
Janet LaRue Wagner.....Columbus
Sheila Dianne Ward.....Marysville
Carol Sue Wood.....Cincinnati
Lynn Shuey Yark.....Toledo

† Also Bachelor of Arts, College of Arts and Sciences

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

(Seven hundred and sixty-five candidates)

Carolyn Joan Aaron	Shaker Heights
Gwen Annette Abbott	Omaha, Neb.
Barbara Abramovitz	Youngstown
Mary Jane Ackroyd	Willoughby
David Ronald Adams (cum laude)	Sylvania
Patricia Ann Adams	Clyde
Laurie Ann Alexander	Columbus
Betty Jane Allen	Leipsic
Doris Cline Almoney	Newark
Beverly Gurevitz Alpert	Columbus
Marilyn Kay Altmaier	Marion
Patricia Rose Anderson	Rocky River
Donna Rose Apple	Kettering
Charla Ellen Arkiss	Chicago, Ill.
Jo Ann Armstrong	Painesville
Brenda Joyce Arnett	Wheelersburg
Susan Marie Arthur	Granville
Kristine Kay Artopoulos	Rocky River
Sharon Marie Aunchman	Springfield
Christine Louise Austen (cum laude)	Jeromesville
Sharon Azaroff	Marion
Barbara Gayle Bachman	Cleveland
Joan Elaine Baer	Gambier
Jennifer Pate Bagley	Chesterland
Brenda Kay Bailey	Sandusky
Steven Louis Ball	Miamisburg
Andris Baltputnis	Salineville
Melinda Snider Bangart	Columbus
Karen Elizabeth Banks	Hamilton
John William Barker	Blacklick
Larry Douglas Barnett	Ridgeway
Sandra Lee Baumhoyer	Baltimore
Doris Helen Bauerlein	Utica, Mich.
Margaret Sue Beam	Xenia
Karmen Ann Beasley	Marion
Virginia Elizabeth Beath	Chillicothe
Barbara Ann Beatty	Cambridge
William David Becher	Columbus
Nancy Jane Beck	McComb
Patricia Jean Beeman	Euclid
Barbara Lynn Beerman	Dayton
Suzanne Barbara Beitler	Lynbrook, N. Y.
Dianne Reece Bennett	Mogadore
Susan Gail Bennett	Dayton
Mary Louise Bergman	Columbus
Lynne Ellen Berry	Shreve
Rebecca Moseley Bethel	Chillicothe
Beverly Ann Bigelow	Columbus
Michael James Billette, B.A.	Kettering

Rebecca Elizabeth Bishop.....	Columbus
Carol Jeanne Black.....	Pataskala
Robert Joseph Black.....	Piqua
Sharon Jean Blackburn.....	Gahanna
Betty Lucille Blackwood.....	New Concord
Sheila Geraldine Blecman.....	Elyria
Helen Bloch.....	South Euclid
Judith Ann Blythe.....	Newark
Linda Jones Boder.....	Columbus
Alan Grove Bohache.....	Cincinnati
*Alexander Joseph Bolla, Jr.....	Rocky River
Sharon Lynn Bollenbacher.....	Huron
Susan Joy Bookatz.....	Beachwood
David Alan Bowers.....	Toledo
Linda Sue Bowers.....	Centerburg
Cheri Lynn Bowman.....	Dayton
Joseph Robert Boyle, B.A.....	Columbus
Edward Darrel Bozeman, III.....	Avon
Leonard William Braden, B.A.....	Columbus
Linda Kay Bradfield.....	Columbus
Diane Joy Bramson.....	Cleveland
Shirley Altick Brandt (summa cum laude).....	Russells Point
Thomas Watson Brawner, III.....	Frankfort, Ky.
Pamela Elizabeth Brelsford.....	Middletown
William Allen Brock, B.Sc.....	Akron
Judith Anne Brocke.....	Woodville
Carol Clark Brockway.....	Hebron
Carla Ann Brooks.....	Chillicothe
Elmer Gordon Brooks.....	Columbus
Paul Lee Brooks.....	Ridgeway
*Linda Rose Brown.....	Rocky River
Patricia Eleanor Brown.....	Fairview Park
Paul Bradley Brown.....	Columbus
Polly Sue Brown.....	Middletown
Rebecca Sue Brown.....	Lima
Shirley Isenberg Brown.....	Columbus
William Gerald Buchholz.....	Parma Heights
Carole Sue Burgheim.....	Hume, Ill.
Karen Jean Burrows.....	Willowick
Donald Price Burton.....	Marion
Marcella Ann Buzzelli.....	Twinsburg
William Theodore Cahill.....	Mansfield
Gary Lewis Cairns.....	Canton
Mary Bogatay Cairns.....	Euclid
Carol Ann Cameron.....	Warren
Geri Deborah Canarick.....	Bayside, N. Y.
Cynthia Meyer Capper.....	Mansfield
Ethlyn Rae Carpenter.....	Columbia Station
Mary Ann Carpenter.....	Columbus
Suzanne Lee Carpenter.....	Parma
Susan Kay Caskey.....	Edison
Barbara Elaine Celma.....	Cleveland
Bernice Ann Chapin.....	Columbus
Mary Jane Chittenden.....	Columbus
Lida Chrabry.....	University Heights

* Also Bachelor of Arts, College of Arts and Sciences

David Carl Churchman.....Blacklick
 William Frank Cimochowski.....Colonia, N. J.
 Carl David Cisler.....Heath
 Jo Ann Citron.....Roanoke, Va.
 Gayle Ann Claar.....Groveport
 Joyce Ruby Clark.....Cambridge
 Pamela Ann Clark.....Delphos
 Judith Kay Clarridge.....Marysville
 James Allen Clendenin.....Columbus
 Donald Ray Clevenger.....Shelby
 Richard Lee Click.....Prospect
 Carla Jeanne Coffman.....Columbus
 Christina Sue Cole, A.B. (Denison University).....Lancaster
 Patricia Anne Collins.....Ashville
 Lynda Sue Comet.....Beachwood
 Donna Lee Compton.....Cleveland Heights
 Patricia Lynn Cook (cum laude).....Caledonia
 Carolyn Sue Cooper.....Coal Grove
 Dean Francis Cost.....Euclid
 Roseann Elaine Cost.....Granville
 Lauri Frances Cowan.....Oberlin
 Janet Emily Crandell.....Sylvania
 Jack Emery Culp.....Bellevue
 Karen Elizabeth Cunningham.....Portsmouth
 Linda Elaine Cusin (cum laude).....Columbus
 Richard Joseph Daiberl.....Morton Grove, Ill.
 Gary Dean Dalton.....Logan
 Leslie June Danciger.....New Rochelle, N. Y.
 Donald Ray Daniels.....South Solon
 John Edward Dauer.....Columbus
 Carolyn Maxine Daugherty.....Prospect
 James Edward Davis.....Otway
 Deborah Anne Deal.....Sidney
 Jan Holt Dearth.....Groveport
 Carol Ann DeBartolo.....Milltown, N. J.
 Linda Lou Deibel.....Fresno
 Sally Ellen Dellinger.....Columbus
 Adrienne DeLony.....Cleveland
 Sandra Ferrel Denner.....Zanesville
 Marie Ann Denney.....Powell
 Carol Ann Deselms.....Freeport
 Lois Fry DeWolfe.....Marion
 Judy Joy Diamond.....Miami, Fla.
 Diana Helen Dicker.....Bay Village
 Mabel Ellen Dickinson.....Peninsula
 Jeanne Elizabeth Dickson.....Gasport, N. Y.
 Ann Louise Dienstberger.....Lima
 Janice Marlene Dietrich.....South Euclid
 Constance Irene Dillon.....Beach City
 Phyllis Ann DiNapoli.....Tiltonville
 Philip Paul DiStefano.....Steubenville
 Janis Mae Doerk (cum laude).....Columbus
 Bruce Michael Doll.....Springfield
 Maria Vicario Donato.....Gahanna
 Carol Hardbarger Downes.....Columbus
 Carol Ann Duckson.....Dayton

Helene Earley Dunigan (cum laude)	Columbus
Pamela Jeanne Dunlap	Columbus
Susan Lee Dunlap	Scio
Roberta Michele Dworkin	Akron
Deborah Sue Dye	Bay Village
Judith Ann Earl	Columbus
Don Stephen Edman	Utica
Cara Jane Edwards	Middlefield
Patricia Claretta Edwards	Philadelphia, Pa.
Susan Israel Eger	Columbus
Nancy Immell Eicher	Chillicothe
Shirley Eilenberg	Youngstown
Sharon Gilbert Eisenberg	Beachwood
Carol Beatrice Eisenmann	Valley City
Bonnie Kathryn Elliott	Cleveland
Gloria Ann Elliott	Bellefontaine
Kay Marcine Elliott	Mansfield
Terry Lee Elliott	Columbus
Margie Louise Ellis	Beachwood
David George Elsass	Canton
Susan Lydia Emmert	Ridgeway
Mary Frances Endicott	Columbus
Carol Dawn Engle	Columbus
Natalie Rae Epstein	Lima
Deena Sue Evans	Urbana
Marcia Lee Evans	Painesville
Carole Brunton Everard	Columbus
Annette Faccinto	Steubenville
Jane Evelyn Farber	Cleveland
*Janice Louise Farra	Dayton
Marsha Helise Farron	Beachwood
Linda Warner Fausey (summa cum laude)	Columbus
J. Benjamin Fell	Zanesville
Carol Dianne Fenner	Hillsboro
Constance Jane Fenner	Dayton
Anita Rose Fidler	Cincinnati
Kathleen Ruth Fischer	Cleveland
David Edgar Fisher	London
Sarah Holsinger Fisher	Worthington
Paul Robert Fitez, Jr.	Hagerstown, Md.
Carol Ann Fleener	Columbus
Mary Jo House Fleig	Dayton
Cynthia Norrine Flinn	Dayton
Daniel Lee Florea, B.Sc.	Dayton
Barbara Jo Dickinson Foley	Harrisville
April Lynn Ford	Carrollton
Diana Craft Ford	Kettering
Eileen Sophia Forrester	Columbus
Louis Steven Fourman	Columbus
Clarence Neal Fox	Lebanon
David Lee Fox	Convoy
Debrah Joan Fox	Ashland
Judy Anne Fox (cum laude)	Marion
Gayle Frager	Cleveland
Judy Lee Frager	Cleveland Heights

* Also Bachelor of Arts, College of Arts and Sciences

Gail Elizabeth Fredericks.....Worthington
 Mary Dunlap Fried.....Columbus
 Jeanne Ellen Friedberg.....Miami Shores, Fla.
 Arlene Lee Friedman.....Cleveland
 Libby Frada Friedman.....East Orange, N. J.
 Linda Eisenstein Friedman (summa cum laude).....Chicago, Ill.
 Stephanie Ruth Friedman.....University Heights
 Cathy Sue Frisby (cum laude).....Camp Springs, Md.
 Carol Ann Fritsche.....Columbus
 Deborah Fay Fry.....Cuyahoga Falls
 Thomas Roger Fry.....Akron
 Karen Mae Fryer.....Washington C. H.
 Pamela Elizabeth Gall.....Lexington, Ky.
 Elizabeth Ellen Games.....West Union
 Jacquelyn Lea Gardner.....Washington, D. C.
 Leslie Joyce Garland.....Amherst
 Geraldine Mae Garsh.....Columbus
 Renee Sue Garson.....Cleveland
 Diana Gartner.....Little Neck, N. Y.
 Carol Ann Gehrke.....Cleveland
 Mary Susan Gennett.....Canton
 Jeanne Marie Gerds.....Columbus
 Linda Crane Gernhardt.....Columbus
 Gail Gertner.....Columbus
 Darlene Joy Gibson.....Cambridge
 Philip Jay Giessler.....Van Wert
 Sandra Jean Gilbert.....Lodi
 Ralph Douglas Gillum.....New Albany
 Joy Heller Giuliano.....Newark, N. J.
 Barbara Bernstein Goldman.....Wantagh, N. Y.
 Myrna Weatherbee Goldsberry.....Columbus
 Sharon Antonia Golke (cum laude).....Fairview Park
 Donna Ruth Goodman.....Columbus
 Georgette Goodman.....Columbus
 Mary Ellen Gordon.....Shaker Heights
 Pamela Gordon.....Staten Island, N. Y.
 Pamela Gayle Gordon.....Columbus
 William Thomas Gordon.....Lima
 James William Gore.....Cincinnati
 Barry Thomas Gould.....Lima
 Marcia Gould.....Detroit, Mich.
 JoAnn Louise Graf (cum laude).....Mansfield
 Sandra Kay Graham.....Urbana
 Nina Doreen Greenberg (cum laude).....Hillside, N. J.
 Marcia Leslie Greene.....University Heights
 Victor Stanley Griffin.....Newark
 Diana Leigh Groce.....Coshocton
 Barbara Sue Grohoski.....Kettering
 Patricia Marie Grucella.....Akron
 Rickie Sue Grunden.....Celina
 Jane Ann Gumble.....Columbus
 Barbara Ann Gutterman.....Beachwood
 Nathan Guttman.....Columbus
 Elizabeth Ann Hall.....Ashtabula
 Lucinda Ann Hall.....Sylvania
 Julie Kay Halsey (cum laude).....Dayton

Constance Ann Halterman	Urbana
Jack Lee Hamilton	Dover
Judith Ann Hanna	Lakewood
Carol Darlene Hardy	Columbus
Phenton Thomas Harker, B.A.	Columbus
Jacqueline Sue Harris	Dayton
Sandra Hopper Harris	Zanesville
Joseph Dale Hartman	Eaton
Kimberly Hashagen	Willoughby
John Lowell Haueisen	Columbus
Melissa Marie Hawkins	Columbus
Charlene Carol Hayden	Columbus
Mary Jo Haytas	Cleveland
John Paul Heck	Carey
Kenneth Lee Hefner	Lima
Charlotte Ann Heistand	Bucyrus
Stephanie Niedecken Heitmeyer	Ottoville
Janet Ann Heller	Warren
Linda Darlene Helm	Columbus
Diana Claire Hendricks	Columbus
Bette Ann Hensley	Mt. Healthy
William Allen Hesse	Norwood
Cheryl Sue Hicks	Columbus
Carolyn Latschaw Hiestand	Columbus
Constance Blanchard Hill	Columbus
Cynthia Ann Hinton	Columbus
Edith Mary Hodge	Malta
Lois Jean Hoewischer	Sidney
Rochelle Hoffman	Cleveland Heights
John Lee Holcomb	Kettering
Melinda Lee Holskey	Gahanna
Victoria Jean Honeyman	Dayton
Ronald Ernest Hopkins	Columbus
Don Clayton Horne	Green Camp
Joan Marie Horwedel	Westlake
Martha Jean Houser	Cherry Hill, N. J.
*Elaine Marie Hovanic	Salem
Jane Ellen Howard	Lyndhurst
Susan Hettie Howell	Mansfield
Karen Duvall Hower	Ashville
Sybil Rutter Hudacko	Toledo
Judith Pozz Huddleston, B.A. (summa cum laude)	Grove City
Paul Andrew Hudson	Columbus
Carol Ann Hughes	Newark
Carol Martha Huitink	Columbus
Leona Lou Hullinger	Marysville
Jean Wyeth Hume	London
Donna Kay Hundley	Eldorado
Harold Eugene Hunt	Midland
Susan Lynn Hurevitz	Phoenix, Ariz.
Ernest Eugene Hyppa	Mentor
Paul Howard Hysell	Columbus
Philip Wayne Ikehorn	Columbus
Joan Roberts Jackson	Springfield
Karen Eleanor Jackson	Sciotoville

* Also Bachelor of Arts, College of Arts and Sciences

Glenn Lawrence Jacobson..... Painesville
 Richard Joel Jacobson..... Mt. Vernon, N. Y.
 Barbara Taylor James..... Croton
 Cecelia Ann Jones..... Lima
 Mona Jean Jones..... Columbus
 Robert Marshall Jones..... Obetz
 Susan Virginia Jones..... Baltimore
 Jane Ellen Junker (cum laude)..... Akron
 Sara Lu Kadel..... New Carlisle
 Kim Annette Kaderly..... Galloway
 Barbara Louise Kaercher..... Salem
 Marilyn Jane Kahn..... University Heights
 Robert George Kaiden, Jr..... Melrose Park, Ill.
 Marcia Linda Kamisher..... North Woodmere, N. Y.
 Barbara Ann Kanter..... Cincinnati
 Marcy Norma Kargon..... Brooklyn, N. Y.
 Marilyn Francine Katz (cum laude)..... University Heights
 Barbara Jean Kaufman..... Canton
 Connie Cooper Kayser..... Mechanicsburg
 Donna Lee Kear (cum laude)..... Dayton
 Jo Ann Marie Keenan..... Ashtabula
 Susan Elaine Kelchner..... Columbus
 Janet Lynn Keller..... LaRue
 Lila Susan Kent..... Columbus
 Anne Elizabeth Kercher..... Dayton
 Stephen Gray Kessler..... Columbus
 Harriet Marcia Kibel..... Hillside, N. J.
 Jean Susan Kibele..... Columbus
 Ellen Jean Kindelberger..... Cincinnati
 Jessie Watson King..... Mt. Vernon
 Kathryn Lucille Kisabeth..... Fostoria
 Karen Sue Kline..... Columbus
 Michael William Kline..... Dayton
 Phillip Arthur Kline..... Fremont
 Charles William Klipstine, III..... Sidney
 Marilyn Mae Klotz..... Lima
 Edward Joseph Korte..... Byesville
 Laura Gail Kostyo..... Campbell
 Harriette Gilda Kraut..... Little Silver, N. J.
 Penny Sue Kreinberg..... Toledo
 Donn Lee Kreutz..... Columbus
 Karl Harry Krohn..... Columbus
 Donna Lee Kroll..... Shadyside
 Susan Judith Krongelb..... Red Bank, N. J.
 Jane Swasick Krueger..... Findlay
 Judith Maureen Krugman..... Chicago, Ill.
 Karen Ann Kucich..... Eastlake
 Sherry Gasaway Kuhlman..... Columbus
 Cheryl Sandra Kushner..... Shaker Heights
 Elaine Kusik..... West Orange, N. J.
 Robert Gene Laderman..... Mansfield
 Mary Eileen Laird..... Columbus
 Mary Lambea..... Canton
 Jo Ann LaMuth..... Painesville
 Mary Jane Langham (cum laude)..... Columbus
 Thomas Lee Lantz..... Dayton

Sue Larson.....	Columbus
James Donald Lauer.....	South Euclid
David Alvin Lawrence.....	Upper Sandusky
Melvin Leroy Leib.....	West Liberty
Patricia Elaine Lemke.....	Akron
Charles Arthur Leppert.....	Euclid
Phyllis Hahn Lester.....	East Paterson, N. J.
Edward Hugh Leventhal.....	Beachwood
Leslie Marsha Levit.....	Shaker Heights
Carol Esther Lewis.....	Columbus
Judith Elaine Lewis (cum laude).....	Columbus
Sue Anne Liedorff.....	Norwalk
Kendra K Liggett.....	Rocky River
Margaret Rose Linard.....	Portsmouth
Larry John Lininger.....	Reynoldsburg
*Connie Ann Link.....	Mt. Vernon
Linda Kathryn Lisowski.....	Cleveland
Beth Johnson Lloyd (cum laude).....	Portsmouth
Linda Chris Lolos.....	Rocky River
Sally Louise Long.....	Columbus
Jean Ann Longnecker.....	Lancaster
Roberta Margaret Loomis.....	Columbus
Karen Lee Lorenz.....	Columbus
Lana Naomi Loring.....	Somerville, N. J.
John William Loudon.....	London
Leslie Koons Louthan.....	Akron
Janet Claire Luebering.....	Cincinnati
Miroslava Luksza.....	Lorain
Nancy Elizabeth Lusk.....	Gallipolis
Raymond Carl Lynd.....	Pataskala
Joyce Bell Lyon.....	Columbus
Michel Ann Lyons.....	Columbus
Miriam Dee MacDonald.....	Elyria
Harry Delmar Mack.....	Columbus
Patricia Cryan Maddy.....	Helena
Irene Fern Maginniss.....	Mansfield
Gordon Richard Male.....	Saratoga Springs, N. Y.
James Francis Malin.....	Columbus
Elaine Margaretha Maluvius.....	Hillsdale, N. J.
Robert Lynn Mann.....	Wooster
Maxine Volchko Manton.....	Akron
Phyllis Lorraine Mara (cum laude).....	Columbus
Michele Edythe Marein.....	Cleveland
Paula Jean Margoci.....	North Olmsted
Joanne Marie Marinich.....	Barberton
Judith Ann Marsh.....	Medina
Ann Martin.....	Chillicothe
Elaine Joy Marx.....	Morristown, Tenn.
Katherine Leatrice Mason.....	Cuyahoga Falls
Dea Kay Matthews.....	Columbus
Marina Anne Maughan.....	Columbus
Charles Richmond Mayhew.....	Cincinnati
Faith Marjorie Mayhew.....	Toronto
Raymond Edward McCain.....	Circleville
Julia Ellen McCall.....	Middletown

* Also Bachelor of Arts, College of Arts and Sciences

Alan Joseph McConnell.....Rochester, N. Y.
 Nancy Elizabeth McCune.....Columbus
 Wilbert Ziegler McDaniel, Jr.....Cleveland
 Dudley Kenneth McDonald, Jr.....Canfield
 Marjorie Jean McKelvey.....Kettering
 Kenneth Carey McKinley.....Greenfield
 Pamela Stephens McWilliams.....Short Hills, N. J.
 Jo Anne Neysa Meade.....Hamilton
 Anne Medick.....Columbus
 Paula Mari Anne Meek.....Hicksville
 Frederick Meister.....Parma
 Linda Lee Merrick.....Columbus
 Sarah Vorst Meyer.....Leipsic
 Karen Ann Michael.....Zanesville
 Mira Michael.....South Euclid
 Robert Earl Michel.....Columbus
 Jean Lynn Miley.....West Salem
 Diane Miller.....Dayton
 Nancy Anne Miller.....Columbus
 Patricia Anne Miller.....Middletown
 Jackleen Bryant Milliron.....Worthington
 Carol Mary Mills.....Marysville
 Susan Jannette Miser.....Berea
 Jill Maurean Mitchell.....Mt. Gilead
 Margaret Ann Moffitt.....West Liberty
 Sharon Lynne Moffitt.....West Mansfield
 Sandra Weick Moler.....Lima
 Mary Ann Moon.....New Philadelphia
 Michael Robert Mooney.....Columbus
 Claudia Kay Moore (cum laude).....New Carlisle
 Jill Cheeseman Moore.....Columbus
 Madeleine Kay Moore (cum laude).....Franklin
 Allen Henry Moos.....Columbus
 Ruth Ellen Morganstern.....Cleveland Heights
 Sara Denton Morris.....Delaware
 Barbara Jean Morrison (cum laude).....Columbus
 Sandra Lee Moser.....Dalton
 Beatrice Summerlin Muir.....Wooster
 Barbara Beckert Munder.....Canton
 Sharlee Doyle Murphy.....Westerville
 Paul Joseph Napierala.....Toledo
 David Andrew Nedoh.....Barberton
 Beverly Ann Neff.....Arcanum
 Carole Lynn Negulici.....Canton
 Marla Rae Neighbarger.....Mt. Vernon
 Gary Eugene Nesser.....Columbus
 Frances Ann Netting, B.A.....Worthington
 Randi Cassell Neurman.....Cincinnati
 Barbara Lynn Newmark.....Shaker Heights
 Beverly Jo Nierenberg.....Dayton
 Karen Duncan Nordholt.....Tiffin
 Mary Anne Norrocky.....Columbus
 Miranda Ellen Northrup (summa cum laude).....Howell, Mich.
 Sandra Kay Norton.....Newark
 Susan Elizabeth Nott.....Columbus
 Diane Mary Novak.....Cleveland

Barbara Jane O'Leary.....Liberty, Ind.
 Philip Milan Orr.....Columbus
 Phyllis Ann Ottenstein.....Hudson
 Roberta Jean Otto (cum laude).....Columbus
 LauraJean Owen.....Euclid
 Joyce Eileen Oxley.....Fremont
 Lorrie Alynn Ozer.....Youngstown
 David Eldon Palmatier, B.A.....Medina
 Mary Elizabeth Pansing.....Marietta
 Barbara Jean Parr.....Cuyahoga Falls
 Nancy Lee Parr (summa cum laude).....Columbus
 Linda Jean Patterson.....Sebring
 Loretta Ann Paullin.....Jeromesville
 Elizabeth Jeanne Pavlish.....Independence
 Saundra Lee Pearl.....Shaker Heights
 Susan Ilene Pels.....Chicago, Ill.
 Ruann Ernst Pengov (summa cum laude).....Raleigh, W. Va.
 Judith Anne Penzone.....Columbus
 Laurie Sue Pesselman.....Beachwood
 Thomas Howard Petersen.....North Ridgeville
 Rebecca Ann Peterson.....Wilmington
 Charity Lyn Petrie.....Galena
 Ada Frances Peyton.....Mansfield
 Marina Anne Pica (cum laude).....Columbus
 Barbara Sue Pierson.....Westerville
 Sandra Kay Pierson (cum laude).....Lima
 Jill Helene Pillet.....New Rochelle, N. Y.
 Jane Ellen Pilotti (cum laude).....Mt. Vernon
 Stephen Norman Pinsky.....Columbus
 Connie Ann Plapp (summa cum laude).....Hamilton
 Linda Louise Plecha.....Youngstown
 Sandra Jean Pohn.....Parma Heights
 Thomas Jerry Polivka.....West Hempstead, N. Y.
 Benita Mae Pollack.....Shaker Heights
 Sandra Lynn Pond.....Columbus
 Janet Carolyn Porch.....Lucas
 Lois Stephanie Porter (cum laude).....Boston, Mass.
 Martha Reilly Poulton.....Columbus
 June Ellen Powell.....Worthington
 Sandra Lou Powell.....Republic
 William Linus Powell.....Columbus
 Bernard Michael Preamble.....Cleveland
 Linda Ann Pressler.....Columbus
 Donna Jean Probst.....Columbus
 Johnny James Provc.....Rockford
 Rita Jane Rabinowitz.....Pittsburgh, Pa.
 Trudy Ellen Randall.....Tustin, Calif.
 Elaine Susan Rapoport.....University Heights
 Rochelle Joy Rapoport.....University Heights
 William Arnold Rasey, III.....Dayton
 Laura Cheryl Rauss.....Cleveland Heights
 Cynthia Hope Rayvis.....Miami, Fla.
 Richard Corbett Reed.....Baltimore
 Nancy Jo Reich.....Akron
 Sandra Sue Reisinger (cum laude).....Columbus
 Sue Frances Remy (cum laude).....New Holland

Richard Norman Renn, B.A. (cum laude)	Marion
Carol Ann Rice	Canton
Jacquelyn Lee Rice (cum laude)	Cambridge
Roberta Sue Rice	Parma
Beverly Ann Rising (cum laude)	Columbia Station
Elizabeth Faye Robbins	Middletown
Deanna Marie Robertson	Malvern
Malcolm Jeffrey Robertson, B.A.	Hamilton
Karen Sue Robins	Columbus
Susan Rodin	Queens Village, N. Y.
William Thomas Roemer	Toledo
John Edward Rogers	Columbus
Kenneth Eugene Rogers	Newark
Linda Lou Ronald	Louisville
Penelope Louise Rose	Zanesville
Elaine Jo Rosen	Trotwood
Nancy Jean Rosenblum	Utica, N. Y.
Gail Fellman Ross	South Euclid
Joanne Roth	Marion
Carol Friedman Routman	Neponsit, N. Y.
Sara Jane Rowland	Lake Forest, Ill.
Lynn Dodson Rowley	Lima
Eleanor Frances Rubinow (cum laude)	University Heights
Dennis Emerson Rudd	Lakewood
Linda Ann Rudisill	New Vienna
Susan Ellen Rudolph	Belle Harbor, N. Y.
Rosemarie Theresa Ruggiero	Cleveland
Jean Ann Runner	Sandusky
Barbara Lee Ryan	Steubenville
Patricia Frances Ryerson (cum laude)	Grove City
Ruth Rzepka	Cleveland Heights
John Russell Saad	Tiffin
Carole Arlene Safer	Youngstown
Joan Cheryl Salkin	Mayfield Heights
Richard David Salo (cum laude)	Lakewood
Mary Gleich Salser	Columbus
Tobie Sigall Sanders (summa cum laude)	Akron
Jay Harmon Sanford	Columbus
Jane Ellen Sault	Scarsdale, N. Y.
John William Schaller, Jr.	Newark
Sandra Lee Schechner	Westbury, N. Y.
Kathleen Louise Scherer	Columbus
Sarah Pope Schleder (cum laude)	Columbus
Richard Carl Schlub	Springfield
Sandra Katherine Schmader (cum laude)	Canton
Margot Carol Schultz	Worthington
Brenda Kaye Schwall (cum laude)	Woodsfield
Sandra Sharon Seftel	Manhasset, N. Y.
Bonnie Rose Seidman	Louisville, Ky.
Elizabeth Cheslock Seitz	Stow
Suzanne Seitz	Lima
Kay Eileen Senften	Middletown
Margaret Marie Shaffer	Van Wert
Patricia Pontius Shaffer (cum laude)	Wauseon
Eileen Theresa Sheff	Cincinnati
Lynn Frances Sherman	Youngstown

Carol Gurevitz Shkolnik.....	Columbus
Karen Lynn Shoots.....	Bellefontaine
Charlotte Marie Shrader.....	Granville
Barbara Louise Shrock.....	Barberton
Edith Marie Shrum.....	Youngstown
Sheryl Lynn Shulty.....	Canton
Ilene Sue Siegel.....	Cincinnati
Ruby Yvette Simpson, B.A.....	Columbus
Cathy Lou Singer.....	Columbus
Patricia Rase Sipl.....	Minford
Karen Marie Skalski.....	Euclid
Sue Ellen Skillicorn.....	Bedford
Howard Smallwood.....	Columbus
Diane Elaine Smith.....	Maumee
Gayle Frances Smith.....	Worthington
James Bryant Smith.....	Columbus
Jerry Allen Smith.....	Wapakoneta
Susan Marie Smith.....	Parma
Suzanne Marie Smith.....	Kettering
Sally Ann Snyder.....	Wooster
Barbara Ann Soldathos.....	Cleveland
Karen Speranza.....	Cleveland
Stephen Craig Spicer.....	Circleville
Richard Frank Spiegle.....	North Randall
Judith Ann Spiers.....	Columbus
Daniel Alexander Spies.....	Columbus
Julie Ann Spira (cum laude).....	University Heights
Laurel Suzanne Spott.....	University Heights
Joe David Spurlock.....	Oak Hill
Terrence Frank Srsen.....	Cleveland
Marie Aleana Stack.....	Lorain
Joan Arlene Stanbery.....	Rocky River
Donna Karen Stanley.....	Columbus
Linda Jeanne Stannard.....	Wellington
Margaret Van Derzee Stansbery.....	Columbus
Diane Esther Stauber.....	Toledo
Sue Ann Steffens.....	Columbus
Richard Lee Stegmiller.....	Columbus
Sharon Richwine Steinberger.....	Columbus
Barbara Rochelle Stern.....	University Heights
Joyce Ellen Sternberger.....	Shaker Heights
Connie Sue Stewart (summa cum laude).....	Columbus
James Kail Stewart.....	Columbus
Patty Jean Stewart.....	Columbus
Kathleen Marie Stitz.....	Akron
*Sue Ellen Stocker.....	Mansfield
Eileen Catherine Stokes.....	Lakewood
Samuel Edward Stone.....	Columbus
Clyde Stanley Strayer.....	Elida
Elizabeth Marie Strojny.....	Cleveland
Mary Edward Sullivan.....	Columbus
Sandra Lee Surface (summa cum laude).....	Waynesville
Jane Survis.....	Pittsburgh, Pa.
Carol Scheule Sutherland.....	Woodstown, N. J.
Valerie Florence Sutter.....	New York, N. Y.

* Also Bachelor of Arts, College of Arts and Sciences

Carol Bredewater Swanson.....	Circleville
Stephen Robert Swartz.....	Elba, N. Y.
Gary LeRoy Sweitzer.....	Hubbard
Bonnie Stavig Taylor.....	Grove City
Sharon Kay Taylor (cum laude).....	Columbus
Kae Comiskey Terrell.....	Lorain
Bonnie Margaret Tetelman.....	Lyndhurst
Jean Louise Theiss.....	Salem
Ann Marie Thomas.....	Columbus
*Arleen Ann Thomas.....	Williamsport
Sylvia Jane Thomas.....	Lima
Deirdre Arden Thompson.....	Columbus
Barbara Joanne Thorson.....	Toledo
Jeanette Marie Throne.....	Port Clinton
Diane Lynnette Tilton.....	Warren
Loren Keith Tinapple.....	Akron
Mary Tomlinson.....	Columbus
Barbara Ann Touby.....	Mansfield
Susan Elizabeth Tournay.....	Kettering
John Wesley Tracy, Jr.....	Cleveland
Sharon Neff Troendly.....	Columbus
Cornelia Cooperider Tully.....	Somerset
Lyndell Parry Turner.....	Columbus Grove
Terilyn Carol Turner (cum laude).....	Fort Lauderdale, Fla.
*Dorothea Miller Tyree.....	Philadelphia, Pa.
Karen Uhlig.....	Columbus
Donna Louise Underhill.....	Shelby
Roger William Valentine.....	Alliance
Karen Eileen Valtman.....	Parma
Robert Julian Vanderau, Jr.....	Columbus
Dennis B. Van Eman.....	Venedocia
Annette Kay Veits.....	Warren
Frank Salvatore Virzi.....	Warrensville Heights
Jane Elaine Vollrath (cum laude).....	Marysville
Essie Sargent Vrooman.....	Marion
Janet Louise Wacker.....	Mt. Vernon
Ann Marie Wald.....	North Olmsted
Nancy Jane Walker.....	Worthington
Cheryl Anne Wallar.....	Columbus
Vivian Arlene Walter.....	Lima
Eunice Mannette Ward.....	Kenosha, Wis.
Linda Ann Warner.....	Ashville
Barbara Jean Waters.....	Rocky River
Helen Bally Waters.....	Columbus
Evelyn Ruth Waterstone.....	Louisville, Ky.
Elizabeth Marie Watson.....	West Jefferson
Teresa Heaser Weagant.....	Columbus
Craig Martin Weaver.....	Columbus
Ronald Eugene Weber.....	Columbus
Robyn Lurie Weinberg.....	Columbus
Barbara Lynne Weiner.....	Cleveland
Lesley Epstein Weiser.....	University Heights
Stephen Edward Weissman, B.A. (Kenyon College).....	Columbus
Sara Jane Wellman.....	Geneva
Norma Blanche Wells.....	Springfield

* Also Bachelor of Arts, College of Arts and Sciences

Sandra Kay Whalen.....	Cincinnati
Bonnie Jean Whaley.....	Bucyrus
Judith Ann Wharton.....	Columbus
Barbara Yvonne Wheeler.....	Sidney
Carole Genette White.....	Marion
Jill Harriet White.....	Merrick, N. Y.
Marjorie Ann White.....	Warwick, N. Y.
Paul Frederick White, B.A.....	Columbus
*Sandra Jeanne White.....	Columbus
Louise Karen Whitis.....	Newark
Sandra Fay Wien.....	Cleveland
Dennis Joseph Wilcox.....	Columbus
Jean Anne Wilcox.....	Fairview Park
Jeannie Marie Wilhelm.....	Columbus
Mary Kay Willacker.....	Galion
Barbara Marie Willhelm.....	Cincinnati
Karon Sue Williams.....	Columbus
Marilyn Ruth Williams.....	Marysville
Sandra Lee Williams.....	Euclid
Shirley Elaine Wilson.....	Batavia
Virginia Louise Wilson.....	Newark
Marshall Winger.....	Beachwood
Jerry Lee Wircenski.....	Elyria
Louise Wittenmyer.....	Dayton
Anita Louise Wolf.....	Loudonville
Annette Rose Wolf.....	Valley City
Marilyn Patricia Wolf.....	Cleveland
Carolyn Kay Wood.....	Columbus
Sheryl Ann Wood.....	Circleville
Jane Milliken Woodard.....	New Carlisle
Marlene Mossberger Woodfill.....	Columbus
Steffanie Ann Woodruff.....	Worthington
William Hunt Woods.....	Maumee
Michael Dennis Wolf.....	Wapakoneta
Nancy Jeanne Wunderlich (cum laude).....	Columbus
Ruth Ellen Wynkoop.....	Lorain
Terri Colleen Wyss.....	Columbus
Stanley Marvin Yabroff.....	Euclid
Robert Ernest Yaeger.....	Springfield
Susanne Marie Yates.....	Salem
Ronald Michael Yobe (summa cum laude).....	Hubbard
Judith Marie Youngman.....	Toledo
Robert Edward Zadrozny.....	Seven Hills
Michael Zassenhaus, B.A.....	Worthington
Eugene Zayac.....	Parma
Sally Ann Zelenka.....	Akron
Susannah Hardesty Zieg.....	Indianapolis, Ind.
Terry Lee Ziesmer.....	Springfield
Carol Sue Zoref.....	Belle Harbor, N. Y.
Leni Freda Zucker.....	Louisville, Ky.

* Also Bachelor of Arts, College of Arts and Sciences

Bachelor of Fine Arts*(Thirty-six candidates)*

George Andrew Anderson, II.....	Akron
Joanne Lynn Beale.....	Cuyahoga Falls
Charles Jackson Boren.....	Columbus
John David Brenneman.....	Elida
Grier Fredric Buterbaugh.....	Elyria
Roy Nicholas Camillo.....	Cleveland
Robert Calvin Carr.....	Dayton
James Ralston Clark.....	Columbus
Richard Franklin Cotterman.....	Sidney
John Alan Dunlap.....	Sidney
Stephen William Edkins.....	Columbus
Richard Burch Eiber.....	Cuyahoga Falls
Eric Stephan Fidler.....	University Heights
Billie Jean Fisher.....	Newark
Carol Gene Hammerman.....	Highland Park, Ill.
Janette Carol Jones.....	Cleveland
Sandra Yee-Lok Lee.....	Hong Kong
Beverly Jane Lewis.....	Mineral Ridge
Ann Lynette Lindsay.....	Columbiana
Estelle Sharon Lyons.....	University Heights
Roger C Metz, Jr.....	Mansfield
Barbara Jo Miller.....	Worthington
Sharon Gail Molar.....	Lancaster
Dale Harriet Mosesson.....	South Euclid
Robert Maunder Parry.....	Cleveland Heights
Lynn Beth Perry.....	Chappaqua, N. Y.
Judith Ann Ray.....	Akron
Donald James Rebele.....	Pittsburgh, Pa.
Thomas William Robinson.....	Cadiz
Robert Rodrigues, III.....	Columbus
Nancy Anne Siegelman.....	Cincinnati
Sharon Louise Simashkevich.....	Amherst
David Lee Summers.....	Columbus
Harry Vest.....	Springfield
Charles Arthur Wells.....	Painesville
Lauren Rae Werling.....	Columbus

Bachelor of Music*(Eight candidates)*

Marcia Ann Ady.....	Woodsfield
Brian Robert Gatchell.....	Mt. Vernon
Marilyn Louise Hall.....	Oxen Hill, Md.
Nancy Ellen Herman.....	Willowick
Samuel Duncan James.....	Springfield
Elizabeth Kelly Keister.....	Blanchester
Thomas James Ryan, Jr.....	Columbus
William Curtis Shontz.....	Cleveland

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering *(Twenty candidates)*

Richard Eugene Anderson.....	Newark
William Lamont Bargar.....	Youngstown
George Alexander Bobula.....	Olmsted Falls
Vernon Harlan Broomall, Jr.....	Salem
Patrick Robert Carroll.....	Newark
Kenneth Merle Dunn (cum laude).....	Georgetown
Richard David Dyer, Jr.....	Grove City
Franklin Charles Gerken.....	Hamler
Daniel Charles Hughes.....	Mt. Vernon
Marc Owen Kloner.....	Akron
Paul William LeBlanc.....	Sunman, Ind.
Jimmy Paul Maxwell.....	Fairborn
James Michael McDonough.....	Mechanicsburg
Peter Ludwig Meitner.....	Columbus
William James Morrow (cum laude).....	Toronto
David John Nicol.....	Fairview Park
Jon Thomas Prendergast.....	Rocky River
Robert Edsel Rapp.....	Beaver
William Dons Scherwin.....	Hilliard
David John Wagner (summa cum laude).....	Canal Fulton

Bachelor of Agricultural Engineering *(Four candidates)*

Walter Eugene Bywater.....	Marysville
Steven James Campbell.....	Columbus
James Neal Doyle.....	South Vienna
Dennis Roy Myers.....	Kansas

Bachelor of Ceramic Engineering *(Thirteen candidates)*

Norman Douglas Belcher.....	Dayton
Paul Elvin Buchanan.....	Rockford
Rodney Burr Clark.....	Columbus
**Charles Henry Drummond, III (summa cum laude).....	Maumee
Brian James Dundon.....	Chagrin Falls
Philip Louis Gravengaard, Jr.....	Toledo
John Ashley Keitch.....	Dover
Beverly Ann Kimble.....	Zanesville
David Alan Kirk.....	Waynesburg
Robert Philip Munz.....	Cleveland
James Robert Platte.....	Sandusky
Emilio Domenico Spinosa.....	Columbus
Fred Ernest Svekric.....	Euclid

Bachelor of Chemical Engineering *(Eleven candidates)*

Raymond Antoine Foisset.....	Mansfield
Richard Dean Haberkost.....	Cuyahoga Falls
Frederick Carleton Kerscher.....	Cuyahoga Falls

** Also Bachelor of Science in Physics, College of Engineering and Master of Science. Graduate School

Gerald Maurice Lehmann.....	Columbus
Richard Thomas Linak.....	Bay Village
Faramarz Nazem.....	Teheran, Iran
William Culver Pontius.....	Cleveland
James William Sebert.....	Dayton
Allan Wesley Strong.....	Euclid
Joseph Eugene Suhrie.....	North Lima
Joseph Louis Taraba.....	Columbus

Bachelor of Civil Engineering

(Nineteen candidates)

James Francis Bir.....	Fairborn
Nelson Clayton Blue.....	Walhonding
Gary Lawrence Cordrey.....	Cincinnati
Michael Willard Cozatt.....	Troy
Thomas Eugene DeVoe.....	Rittman
William Joseph Dudleson.....	Mt. Sterling
John Hardin Erion, Jr.....	Columbus
William Henry Fair.....	Cincinnati
Richard Eugene Herriott.....	Kirkersville
Jimmy Lee Hess.....	Columbus
Jon Dewey Kingsley.....	Peninsula
Robert William Knapp.....	Columbus
Richard Allen LaRocco.....	Canton
Bruce Michael Merry.....	Lima
Orton Cash Misel.....	Cambridge
Robert Eugene Parker.....	Kingston
Thomas Raymond Rampe.....	Lima
*Robert Emmett Roche, Jr.....	Celina
Gary Leroy Wilson.....	Flushing

Bachelor of Electrical Engineering

(Forty-two candidates)

Robert Homer Bates.....	Mt. Gilead
Leonard John Busch.....	Rumson, N. J.
Robert Jack Crall.....	Greenwich
Philip D'Angelo.....	Valley Stream, N. Y.
Robert Kenneth Faud.....	Lyndhurst
John Bruce Frost.....	Poland
Carl Leslie Gleason.....	Lima
Mordechai Granot.....	Ramat Gan, Israel
Larry Allen Halbach.....	Dayton
Raymond Nicholas Hayden, B.S. in F.P.A. (Kent State University)	Garfield Heights
Richard Marlin Hunter.....	Warren
David Earl Keck.....	Cleveland
David George Kellogg.....	Ashland
Robert Floyd Knapp.....	Cleveland Heights
Robert Allen Landthorn.....	Columbus
Philip Lee Long.....	Stow
Leslie Eugene Mace.....	Van Wert
William Charles Phillips, Jr.....	Bedford
Allan Ralph Plage.....	Brooklyn, N. Y.
*James Edwin Randall (summa cum laude).....	Uhrichsville
Craig Weston Robb (summa cum laude).....	Columbus
Richard James Robbins.....	Columbus

* Also Master of Science, Graduate School

Robert John Robbins.....	Columbus
Michael Steven Sabback.....	Columbus
Timothy Lee Schneider.....	Lancaster
Ronald Adrian Schwartz.....	Dayton
Royce Omar Snyder.....	Antwerp
Edward Henry Stein.....	Columbus
David Edwin Stetson.....	Lucas
Richard Clyde Stevens (cum laude).....	Columbus
Robert Raymond Swank.....	Dayton
David Ladd Swigert.....	Cincinnati
*Louis Stephen Toth.....	South Bend, Ind.
Lester Allen Wagner.....	Navarre
*Kenneth Andrew Wallace (cum laude).....	Walhonding
Harold Theodore Weeter, Jr.....	New Matamoras
William Timothy Weisert.....	Columbus
James Carl Williamson.....	Wauseon
Jack Albert Wilson.....	Elyria
George Walter Wood.....	Columbus
Stephen Eric Wren (summa cum laude).....	Worthington
Leo Ford Young.....	Cincinnati

Bachelor of Industrial Engineering

(Twenty candidates)

Paul Nathaniel Aley.....	Youngstown
Robert Ronald Bash.....	Lynchburg
Michael James Cavotta.....	Cleveland
Charles Eugene Craig (summa cum laude).....	Canton
Stephen Ray Cyphers.....	Phillipsburg, N. J.
Harvey Marshall Goldstein.....	Rochester, N. Y.
John Brown Harrison.....	Parma
Jeffrey Lee Kramer.....	University Heights
Dietrich Horst Lannert.....	Cleveland
Daniel Milton Light.....	New Richmond
Marshall William McCorkle.....	Bellaire
Peter David Nealing.....	Ocala, Fla.
Thomas Matthew Oleksy.....	Euclid
Michael Carl Orazen.....	Euclid
Bill Porter Peyton.....	Columbus
Robert Michael Polk.....	Parma
David Michael Shiffer.....	Miamisburg
*Robert Henry Westinghouse.....	Worthington
Darron Wissinger.....	Columbus
Gary J. Yeater.....	Ashland

Bachelor of Mechanical Engineering

(Thirty-three candidates)

Lawrence John Bergman.....	Maria Stein
David Brande.....	Tel-Aviv, Israel
Robert Lee Brundrett.....	Troy
Arturs Janis Caune.....	Lakewood
Bruce Gilbert Clark.....	Berea
Ronald William Cole.....	Painesville
Stephen Paul Cremean.....	Columbus
John Michael Csokmay (cum laude).....	Warren
Arye Donde.....	Kiryat, Israel
James Lewis Finefrock.....	Robertsville

* Also Master of Science, Graduate School

School of Architecture

Bachelor of Architecture

(Twenty-seven candidates)

Ronald Adrian Aten.....	Greenville
James William Baas.....	Columbus
David George Burns Beaver.....	Mansfield
Gary Douglas Cannella.....	Brentwood, N. Y.
Nelson Randolph Cragg, Jr.....	Cincinnati
Eric Neil DeLony.....	Cleveland
John James Diamond.....	Columbus
John Grauduss.....	Dayton
Leonard Elias Grossman.....	Clifton, N. J.
Donald Robert Hoover.....	Sunbury
William Lee Huffman.....	Lima
Fred Byron Kibbey.....	Marion
Judith Lee Kitchen.....	Columbus
Roger Allen Kramer.....	Garfield Heights
Frank Paul Marinace.....	Centerport, N. Y.
Carolyn Ann McCown.....	West Portsmouth
George Raymond Pressler, III.....	Portsmouth
Richard Allan Rauh.....	Columbus
Anthony Clayton Rounds.....	Dayton
Robert Giffen Shepherd.....	St. Clairsville
Henry John Sherowski.....	Center Rutland, Vt.
Harold Marion Shrock, Jr.....	Columbus
John Richard Stegmiller.....	Columbus
Ronald Arthur Strohm.....	Gahanna
Ronald James Trick.....	Dayton
Robert Joseph Vennemeyer.....	Cincinnati
William Fredricke Yarger.....	Dayton

Bachelor of Landscape Architecture

(Three candidates)

Gary Lee Larson.....	Copley
Roger Stuart Moser.....	Orrville
William Ellis St. Clair, Jr.....	Newark

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

(One hundred and forty-nine candidates)

John Reed Allen, B.B.A. (Ohio University)	Zanesville
James Edward Anderson, B.S.C. (Ohio University)	Northfield
Fred Joe Badger, B.A. (Kent State University)	Akron
Gerald Lee Baker, B.A. (Bowling Green State University)	Wakeman
Valentine Robert Barker, B.B.A. (University of Michigan)	Dayton
John Aden Barlow, B.Sc. in Edu. (cum laude)	Columbus
Phillip Heston Barrett, B.Sc. in Bus.Adm.	Delaware
Daniel Eckert Behrens, A.B. (Miami University)	Marysville
Robert William Blackmore, B.A.	Worthington
William Blaine Blair, A.B. (Ohio University)	Chillicothe
Donald Lawrence Bleich, B.Sc. in Bus.Adm.	Cincinnati
Kenneth Robert Boiarsky, B.Sc. in Bus.Adm.	Louisville, Ky.
Richard Lee Boylan, B.A.	Canton
Walter Charles Boyuk, B.A. (Kent State University)	Columbus
Michael Turner Brandt, B.A. (Muskingum College)	Columbus
John Edward Breidenbach, B.Sc. in Agr.	West Milton
Jerrald Allen Brown, B.A. (cum laude)	Elyria
Ted Raymond Brown, B.S. (University of Florida)	Middletown
James Russell Burkhard, B.A.; M.A. (Ohio University) (summa cum laude)	Worthington
Austin Carey, Jr., B.A. (Yale University)	West Hartford, Conn.
Betsy Brewster Case, B.A. (Wellesley College) (summa cum laude)	Columbus
John Adams Cervay, A.B. (University of Dayton)	Dayton
William Joseph Christensen, B.A. (DePauw University)	Columbus
Edward Frank Chuha, A.B. (John Carroll University)	Parma
Ted Bryant Clevenger, B.A.	Canton
Paul Hayes Coleman, B.A.	Columbus
Jack Henry Cook, A.B. (Hope College)	Delaware
Jon Michael Cope, B.A.	Worthington
Glenn Eugene Corlett, B.B.A. (Ohio University)	Cleveland
Dale Anthony Crawford, B.Sc. in Bus.Adm.	New York, N. Y.
David Lee Crawford, B.S. (Bethany College) (cum laude)	Brilliant
Harvey Franklin Crawford, III, B.S.E. in Op. (Iowa State University) (cum laude)	Sioux City, Ia.
Paul Steven Cutler, A.B. (Miami University)	Olmsted Falls
Brian B. Denton, B.A. (Michigan State University)	San Francisco, Calif.
John Patrick DiFalco, B.A.	Wintersville
David Allan Dilger, B.A.	Richwood
Jay Elliot Eckhaus, B.S. in Bus.Adm. (Bowling Green State University)	East Rockaway, N. Y.
Franklin Dean Eckstein, A.B. (Wittenberg University)	Plymouth
John Moats Elder, A.B. (Earlham College) (cum laude)	Springfield
Donald Edwin Ely, B.Sc. in Bus.Adm.	Columbus
Clifton Lucien Fenton, A.B. (Princeton University)	Bryan
Mark Donald Fishman, B.Sc. in Bus.Adm.; M.B.A. (University of California, Los Angeles)	Beachwood
James Philip Friedt, B.S. in Bus.Adm. (Wittenberg University) (cum laude)	Wadsworth

Gary Lee Froelich, A.B. (Miami University)..... Dayton
 Earle Rockwell Frost, Jr., B.S. in Bus. (Miami University)..... Cleveland
 Curtis Franklin Gantz, A.B. (Heidelberg College)..... Castalia
 William Rawcliffe Giesser, A.B. (Baldwin-Wallace College)..... North Olmsted
 Thomas James Gordon, A.B. (Earlham College) (cum laude)..... Tiffin
 Michael Proctor Graney, A.B. (Duke University) (cum laude)..... Middletown
 Steven Mark Greenberg, B.A..... North Miami Beach, Fla.
 George Watt Hairston, B.B.A. (Southern Methodist University)
 (cum laude)..... Chesapeake
 Mark John Hanket, A.B. (John Carroll University) (cum laude)
 Columbus
 Kenneth William Hardesty, A.B. (Wheaton College)..... Lima
 Douglas Bruce Harper, A.B. (University of Michigan)..... Toledo
 George Vernon Hatfield, A.B. (Capital University)..... Centerburg
 George Michael Hauswirth, B.Pet.E., B.Ch.E..... Elyria
 John Stanley Haynes, B.S. in Ed. (Ohio University)..... Elyria
 Daryl Ryan Heeg, B.B.A. (University of Cincinnati)..... Fairfield
 John Fisher Herman, B.A. (University of Notre Dame)..... Cuyahoga Falls
 Michael James Hickey, B.A..... Granville
 John William Hoppers, A.B. (West Liberty State College)..... Mt. Vernon
 Michael Isaac Hurwitz, A.B. (University of Michigan)..... Sandusky
 Daniel James Igoe, B.B.A. (University of Notre Dame)..... Columbus
 Mark Edward Kaufman, B.A..... Youngstown
 Thomas Charles Kawalec, B.S. in B.A. (University of Dayton)..... Parma
 Charles John Kegler, B.Sc. in Bus.Adm. (summa cum laude)..... Columbus
 Harry Blair Keith, A.B. (Case Western Reserve University)..... Cleveland
 Donald Francis Kelch, B.S. (Ohio University) (cum laude)..... Cincinnati
 Mark Dana Keller, B.A., B.Sc. in Edu..... Bucyrus
 Joseph Paul Kelley, B.A..... Columbus
 John William Kenesey, A.B. (John Carroll University)..... Cleveland
 John William Kropf, A.B. (Baldwin-Wallace College)..... Orrville
 Jake Arthur Larimer, A.B. (University of Michigan) (cum laude)
 Sandusky
 William Bierce Leahy, B.A..... Cleveland Heights
 James Robert Livingston, B.Sc. in Agr..... Urbana
 George Robert Lucas, II, A.B. (Harvard College)..... Columbus
 James Wallace Luse, B.S. in Edu. (Kent State University)..... Painesville
 James Leo Mackin, B.Sc..... Columbus
 Frederick Martin Mann, B.A..... Columbus
 James Joseph Marlin, B.S.C.E. (University of Akron)..... Cuyahoga Falls
 John Richard Marquis, B.A. (Brown University) (cum laude)..... Van Wert
 John Douglas Martin, A.B. (George Washington University)..... Lancaster
 Steven Michael Mayer, B.A. (cum laude)..... Vermilion
 Patrick Martin McGrath, B.A..... Grand Blanc, Mich.
 Robert Malcolm McNair, B.Sc. in Bus.Adm..... Columbus
 James Douglas McWilliams, B.A. (cum laude)..... Short Hills, N.J.
 Thomas Peter Michael, B.Sc. in Edu..... Zanesville
 Richard Stretton Michaels, B.Sc. in Bus.Adm..... Fairview Park
 Ronald Harold Miller, B.Sc. in Edu. (cum laude)..... Spencerville
 David Timothy Milligan, B.A. (cum laude)..... Westerville
 Robert Tavenner Millikin, B.Sc. in Bus.Adm..... Cincinnati
 William Richard Montgomery, A.B. (Ohio University)..... Bowling Green
 Bernard Michael Murray, B.S. (Capital University)..... Gahanna
 Bruce Warren Neckers, A.B. (Hope College)..... Clymer, N. Y.
 Carter Paul Neff, B.F.A..... Lakewood
 Elbert Ray Nester, B.S. in Bus.Adm. (Kent State University) (summa
 cum laude)..... Chesapeake

Dennis Ryan Newman, B.A. (Ohio Wesleyan University) (cum laude) Toledo

Forrest Robert Newman, B.Sc. in Bus.Adm. Portsmouth

Larry Lee Noblitt, B.B.A. (Ohio University) Port Clinton

Norman John Ogilvie, Jr., B.A. (Northwestern University) Lancaster

John William Panzer, B.Sc. in Bus.Adm. Delaware

Ronald Perey, A.B. (Miami University) (cum laude) Cleveland

Harry Winthrop Pettigrew, B.S. (University of Toledo) Toledo

Ronald Elton Plymale, B.A. Columbus

Clark Poston Pritchett, Jr., B.A. Columbus

C. Nicholas Pry, B.A. (Ohio Wesleyan University); M.B.A. Crestline

Carl David Rafter, B.S. in Pharm. (University of Cincinnati) .. Youngstown

Peter Joseph Rakay, A.B. (Oberlin College) Shadyside

Thomas Keith Randall, B.B.A. (University of Hawaii) ... Honolulu, Hawaii

James Alec Reinhardt, B.S.E.E. (University of Cincinnati) Kettering

Craig Emerson Richardson, B.S. in Ed. (Miami University) Celina

Charles Nelson Ricketts, B.Sc. Springfield

James Stephen Rood, B.A. Gallipolis

Robert Mark Sanders, B.S. in Bus.Adm. (University of Akron) Akron

Alan Gibson Scheaffer, A.B. (Denison University) Columbus

Thomas Terry Schell, B.S.Ch.E. (University of Toledo) Maumee

Frederick Michael Scherma, B.A. (Bowling Green State University) Lakewood

Jerome Ralph Schindler, B.Sc. in Phar. Celina

Jon Michael Schorr, B.Sc. in Bus.Adm. (cum laude) Columbus

Dennis Allan Schulze, A.B. (Mount Union College) Alliance

Howard Fredrick Scott, B.Sc. in Bus.Adm. Cleveland

David Mark Selcer, B.A. (Northwestern University) Akron

Robert Myron Shapiro, B.A. (Pennsylvania State University) .. Steubenville

Frank Patrick Shea, B.Sc. in Bus.Adm. Columbus

William Allan Shenk, B.A. (cum laude) Columbus

Terry Smith Shilling, A.B. (Ohio University) Elyria

Robert French Sprague, B.A. (Bowling Green State University) ... Findlay

Geoffrey Stern, B.A. (summa cum laude) Columbus

Frank William Terrizzi, A.B. (Miami University) Garden City, N. Y.

John Robert Thomas, B.A. (cum laude) Springfield

James Walter Thyer, B.B.A. (Ohio University) Piqua

William Roger Thyer, B.S. in Bus. (Miami University) (cum laude) .. Piqua

George Quigley Vaile, B.A. Columbus

John Stephen VanHeyde, B.B.A. (University of Notre Dame) (cum laude) Columbus

John Charles Veney, B.A. (College of Wooster) (summa cum laude) Wooster

Stephen Douglas Walters, B.A. (Georgetown University) Elyria

Richard Belden Waugh, Jr., B.Sc. in Bus.Adm. Pittsburgh, Pa.

Stuart Gordon Weinberg, B.S. in Bus. (Miami University) Beachwood

Nelson Stuart Weine, A.B. (Miami University) Dayton

Howard Theodore Welser, Jr., A.B. (Miami University) Akron

James Wilson Wheeler, B.A. Columbus

Susan Jane Williams, B.Sc. in Edu. Columbus

Richard Alan Williamson, B.B.A. (Ohio University) (summa cum laude) Columbus

Arthur Dalton Wolfe, II, B.A.; A.M. (University of Illinois) Columbus

John Harold Wolfe, B.S.C. (Ohio University) Ironton

Kenneth Charles Wolfe, B.Sc. in Bus.Adm. Columbus

Nicholas Yonclas, B.Sc. (cum laude) Delhi, N.Y.

Richard Albert Yoss, B.Sc. (cum laude) Woodsfield

John Ledgerwood Zinkand, A.B. (Baldwin-Wallace College) Orrville

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(One hundred and thirty-six candidates)

James Leonard Anastasi, A.B. (Miami University)	Springfield
John Paul Anders, B.A.	Toledo
Robert Eugene Arthur, B.A. (College of Wooster)	Brewster
William Michael Leroy Asher, B.S. (United States Naval Academy) (cum laude)	North Royalton
John Christopher Babka, B.S. (Ohio University)	St. Clairsville
Frederick James Barry, B.A.	Columbus
Neil Henry Baum	Wooster
Robert Stephen Bausch, B.Sc.	Ross
Ralph Dennis Blose, B.A.	Mt. Gilead
Douglas Phillip Boldon, B.S. (University of Akron)	Lyons, Ore.
Larry Herbert Bowers, B.S. (Otterbein College)	Cambridge
Randall Lee Braddom, B.A. (DePauw University)	Dayton
Paula Scizak Bradnan, B.S. (Allegheny College)	Clark, N. J.
William Andrew Bradnan, B.S. (Allegheny College)	Columbia Station
Dennis Michael Briddell, B.S. (University of Dayton)	Dayton
Ellen Plummer Buerk, A.B. (Miami University)	Eaton
Nelson Bunin, B.A. (Washington and Jefferson College) ..	Cleveland Heights
John A. Burkhart, B.Sc.	Mansfield
Stephen Thomas Bushi, B.A.	Seven Hills
Richard Charles Cammerer, B.S. (Purdue University)	Dayton
Ronald Earl Cantor, B.A. (Northwestern University)	South Euclid
Charles Anthony Caranna, B.S. (Duquesne University)	Steubenville
Robert Louis Carolla, B.S. (Capital University) (cum laude)	Columbus
Paul Robert Carpenter, Jr., B.A. (Kent State University) (summa cum laude)	Kent
David C. Carr, A.B. (Case Western Reserve University)	Cleveland
Lawrence Michael Cibula, B.S. (University of Notre Dame) (cum laude)	Westlake
Harold Theodore Collins, B.A. (Kent State University)	Kent
Charles Harker Cook, B.S. (Otterbein College)	Oak Hill
Richard Lloyd Jones Cussler, B.A. (Yale University)	Wilmington, Del.
Stephen Lee Deardourff, B.Sc.	Greenville
Dennis William Enright, B.Sc.	Barberton
Michael Scott Fedotin, B.A. (Northwestern University)	Dayton
John Patrick Flanagan, B.Sc.	Columbus
Thomas William Forbes, A.B. (Marietta College)	Marietta
Mark Henry Frankel, B.A. (Washington and Jefferson College) ..	Cleveland
Janet Ann Freno, B.S. (University of Akron)	Barberton
John Allen Frenz, B.A. (Malone College)	Canton
Sylvia Friedman, A.B. (Case Western Reserve University)	Cleveland
Wilmer Kenichi Furuta, B.Sc.	Columbus
Michael Webster Gallagher, A.B. (Miami University)	Columbus
Thomas Clark Gay, A.B. (Wittenberg University)	Hartville
Linda Lee Gilmore, B.S. (University of Toledo)	Toledo
Jay Richard Goldstein, A.B. (Case Western Reserve University)	Shaker Heights
John Sidney Goodenow, B.S. (Ohio University)	Columbus
Kenneth Stephen Graff, B.S. (Rollins College) (cum laude)	Chesterland

George Linus Grauel, B.S. (John Carroll University)	Cleveland
David Charles Graumlich, B.Sc.	Columbus
William Stephen Gross, A.B. (Miami University)	Cleveland
Robert James Hertzfeld, B.S. (University of Toledo)	Maumee
Philip Joseph Hess, B.A.	Chillicothe
Stuart Ellis Hirsch, B.Sc.	Shaker Heights
David Lee Hoff, B.S. (University of Akron)	Akron
John Ivor Hollenbeck, B.Sc.	Columbus
Arden Luther Hothem, B.Sc.	Wooster
David Jonathan Hoyer, B.A.	Dayton
Richard Henry Hubbard, B.S. (United States Air Force Academy)	Galion
David Maxson Huntley, B.Sc.	Bryan
Edward Franklin Jackson, Jr., B.A.	Columbus
Donald Winston Jacob, B.A.	Shaker Heights
Daniel Lewis Jones, B.Sc.	Columbus
Charles Thomas Kahle, B.S. (University of Toledo)	Toledo
Curtis James Krebs, B.S. (United States Merchant Marine Academy)	Sandusky
John Anthony Krebs, A.B. (Denison University)	Sandusky
Paul Anthony Krusinski, B.A.	Peninsula
Keith Raymond Kulow, B.S. (Capital University)	Hubbard
Ronald Gary Lehman, A.B. (Miami University)	Eaton
Richard George Lembach, B.S. (John Carroll University)	Cleveland
Robert Edmund Lembach, B.S. (John Carroll University)	Cleveland
Louis Hyman Levine, B.A.	Bronx, N. Y.
Michael Steven LeVine, B.S. (University of Toledo)	Toledo
Robert Alan Lewis, A.B. (Case Western Reserve University)	University Heights
Dominic Anthony Macedonia, B.S. (Xavier University)	Steubenville
Emmanuel Gus Mancy, B.S. (University of Toledo)	Toledo
Michael Frank Mastromatteo, B.A. (Kent State University)	Ravenna
John Harold Masys, A.B. (Miami University)	Columbus
Shannon Kathryn McCarthy, B.A.	Toledo
Allen John Merzi, B.A. (Washington and Jefferson College)	Mingo Junction
John Fredrick Meyers, B.A. (DePauw University)	Dayton
John Elias Morcos, B.S. (University of Dayton)	Dayton
Joseph Anthony Mutch, B.S. (John Carroll University)	Youngstown
Robert Eugene Nagy, A.B. (Miami University)	Akron
David Perl North, B.Sc.	East Liverpool
David Baker Olin, B.S. (Davidson College)	Columbus
Edwin Joseph Olsen, A.B. (University of California, Berkeley)	Reynoldsburg
Paul Theodore Omelsky, B.S. (Ohio University)	Athens
Sanford Morton Ornstein, B.Sc. (cum laude)	Cleveland
Watson Day Parker, Jr., B.A. (Ohio Wesleyan University)	Sandusky
Avram Ellis Pearlstein, B.A.	Youngstown
Hobert Lee Pence, B.Sc.	Dayton
Lawrence Max Pertcheck, B.Sc.	Toledo
Timothy Charles Poirier, B.S. (University of Toledo) (cum laude)	Toledo
L. Robert Polster, B.Sc.	Columbus
Ronald Paul Portnoff, B.S. (University of Michigan)	Toledo
Stephen Frank Probst, A.B. (Case Western Reserve University)	Cleveland
*Robert Joseph Rogosin (cum laude)	Youngstown

* Also Bachelor of Arts, College of Arts and Sciences

James Davies Rice, B.Sc.....	Ashland
Gary Martin Rich, B.A.....	New Philadelphia
William Denny Robertson, B.Sc.....	Akron
Gary Leigh Rogers, B.S. (Bethany College).....	Steubenville
Alan Norman Rucket, A.B. (Case Western Reserve University)....	Akron
James Herbert Rutherford, A.B. (Harvard University).....	Mt. Vernon
James Joseph Rybak, B.S. (University of Notre Dame) (cum laude)	Cleveland
Edward William Sachs, III, B.S. (University of Dayton).....	Dayton
Herbert Allen Scaer, B.S. (Valparaiso University).....	Van Wert
Raymond John Scheetz, Jr., B.A.....	Youngstown
Harvey William Schefsky, B.Sc. in Agr.; M.S. (University of Wisconsin)	Blanchester
Bruce Owen Schieneman, B.S. in Bus. (Miami University)....	Worthington
Robert Walter Selfe, Jr., B.A.....	Columbus
Philip James Shaver, III, B.S. (Purdue University).....	Columbus
Roger Howard Sherman.....	Fairborn
Kendall Arthur Smith, B.S. (Denison University) (summa cum laude)	Akron
Roger Kirkman Smith, A.B. (Case Western Reserve University)....	Akron
William Nicholas Sokol, Jr., B.A.....	Akron
Homer Phillips Stall, Jr., B.S. (University of Toledo) (cum laude)	Norwalk
John Gerald Stefko, B.Sc.....	Campbell
Lee Steinfurth, A.B. (Case Western Reserve University).....	Youngstown
William Montgomery Stitt, A.B. (Miami University).....	Findlay
Edward Jay Tapper, B.S. (Hobart College).....	Cleveland
Robert William Telzrow, B.S. (Xavier University).....	Cleveland
Robert Lee Thompson, B.A.....	Piqua
George Edward Toma, B.A. (Ohio Wesleyan University).....	Cleveland
Peter John Utrata, B.Sc.....	Chillicothe
Michael Allen Wanchick, B.A. (Kent State University).....	Ravenna
Geoffrey Ames Wardwell, A.B. (Denison University) (summa cum laude)	Akron
Michael Andrew Wasylik, B.Sc.....	Dover
James Earl Watson, B.S. (Ohio University).....	Dayton
Richard Albert Weaver, B.A.....	Bedford
Joseph Aloysius Weingates, III, B.Sc.....	Fostoria
Ralph Jay Weinstein, B.Sc.....	Bronx, N. Y.
Ronald Lloyd Whisler, B.S. (Ohio University).....	Laurelville
Frederick Joseph Wiecher, B.S. (Ohio University).....	Delphos
Elzworth Chester Wiesenmayer, Jr., B.Sc. (cum laude).....	Wapakoneta
Cole Bradford Willoughby, B.A.....	St. Marys
Robert Donald Wirtz, B.A.....	Cincinnati
Claire Rendar Wolfe, B.Sc.....	Hillside, N. J.
John Sohn Wolfe, II, B.Sc.....	Dayton

School of Allied Medical Professions

Bachelor of Science in Medical Dietetics

(Thirteen candidates)

Beverly Jay Chodd.....	Chicago, Ill.
Anne Elizabeth Coble.....	Richmond, Ind.
Mary Ellen Dickerson.....	Worthington
Nancy Hermene Kander.....	Toledo
Shirley Anne Maynard.....	Columbus
Farah Riz Moavenzadeh.....	Westerville

Linda Claire Ramerman.....	Lakewood
Pamela Jeanne Riley.....	Dayton
Bonita Jean Steel (cum laude).....	Shadyside
Clare Ellen Stewart.....	Columbus
Marianne Tingler.....	Akron
Janet Marie Vencil.....	Cleveland
Margaret Evans Wolf.....	Mechanicsburg

Bachelor of Science in Medical Illustration *(Three candidates)*

Priscilla Rogers Jenks.....	Columbus
Dean Richard Lindsay.....	Richwood
Nancy Brown Schadt.....	Youngstown

Bachelor of Science in Medical Technology *(Seven candidates)*

Janet Bieber.....	Cleveland
Patricia Ann Connelly.....	Columbus
David Wayne Lashley.....	Columbus
Paula Jean Schnitzer.....	Chagrin Falls
Beverly Brown Smith.....	Bay Village
Joanne Rae Spitler.....	Willshire
Janet Kay Wilson.....	Beverly

Bachelor of Science in Occupational Therapy *(Two candidates)*

Kathleen Dalmy Megown.....	Columbus
Elayne Beverly Moline.....	Chicago, Ill.

Bachelor of Science in Physical Therapy *(Thirty-eight candidates)*

Georgia Joanne Bahas.....	Canton
Laraine Antoinette Bauer.....	Sandusky
Julie Brooks.....	Mystic, Conn.
Judy Kay Cooper.....	Utica, N. Y.
Carolyn Sue Corn.....	Ironton
Katherine Murphy Cromb.....	North Canton
Brenda Baertsche Crowe (cum laude).....	Dunkirk
Marsha Gale Dawley.....	Gahanna
Patricia Elaine Fisher.....	Zanesville
Judith Ann Gorczyca.....	Columbus
Marcia Louise Griffiths (cum laude).....	Lyndhurst
Nancy Copeland Grim.....	Springfield
Janet Eileen Harbauer.....	Perrysburg
Mary Lou Brown Henderson.....	Kenova, W. Va.
Katherine Ann Hull.....	Greenfield
Diane Rebecca Katz.....	Cleveland Heights
Katherine Langen Lautermilch.....	Mechanicsburg
Sarah Elizabeth McCormick.....	Dayton
Elaine Ellen Myers.....	Ashtabula
Marcia Catherine Painter.....	New Philadelphia
Lorraine Ordell Parker.....	Parma
Martha Cardwell Rader.....	Ironton
Jennifer Cantrell Radike.....	Cleveland
Nancy Davis Ringenburg.....	Rocky River
Judith Lynn Rupel.....	Elida
Linda June Saurers (cum laude).....	Orrville
Carolyn Roberta Schlueter.....	Rocky River

Rose Ellen Schwartz	Carroll
Nancy Welsh Sell	North Lima
Joan Pollack Shea	Columbus
Mary Smith	Wilmington
Shirley Ann Spencer	Worthington
Jean Lois Staffilino	Mingo Junction
Marja Petronella Stuimer	Westlake
Ellen Elizabeth Sturm	Solon
Richard Lawrence Violand, Jr.	East Palestine
Linda Rose Wardlow	Westerville
Lynn Elaine Williams	Alexandria, Va.

Certificate of Nurse Anesthetist

(One candidate)

Betty Louise Nogle	DeGraff
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School of Nursing

Bachelor of Science in Nursing

(Eighty-nine candidates)

Brenda Kaye Arn	Kenton
Cherryl Elizabeth Bailey	Bay Village
Margaret Ann Bandlow	Lakewood
Patric Mary Bauer	Columbus
Mary Frances Baxter	Bedford
Judith Mary Becker	Lima
Susan Diane Bernath	Columbus
Christie Lee Berner (summa cum laude)	Norwalk
Barbara Mary Boeker	Toledo
Karen Rae Born	Columbus
Ellen Preston Brigden	Euclid
Sharon Sue Broomhall	Columbus
Christine Lynn Brown	Columbiana
Penelope Bogart Cardona	Lima
Sondra Cleo Carothers	Niles
Arlene Cohen	Akron
Bonita Christine Collins	Cleveland
Paula Elizabeth Dennis	Cleveland
Joan Elizabeth Doyle	Columbus
Cathy Lee Dunlap	Columbus
Veronica Dziuba	Jefferson
Ellen Flo Eicher	Evansville, Ind.
Sue Ann Engelauf	Dayton
Susan Cox Evans (summa cum laude)	Akron
Nancy Ann Fargo	Columbus
Patricia Redmond Fischer	Columbus
Martha Jones Fraley	Columbus
Margaret Sue Gambol	Mentor
Janet Marie Gerstner	Alexandria, Va.
Joan Ellen Geyer	Marion
Pamela Sue Giles	Lancaster
Joan Marie Grabenstetter	Valley City
Vicky Marie Grossman	Upper Sandusky
Nancy Wilcher Guldin	Zanesville
Teresa Harrod Hall	Harrod
Gertrude Ann Henry	Piedmont

Deanna Koenig Hoadley..... Venedocia
 Carol Tschantz Holec..... Cuyahoga Falls
 Kathleen Ann Hunyadi..... Canton
 Ann Elizabeth Ivers..... Delaware
 Barbara Ann Jeffery..... Toledo
 Judith Ann Jordan..... Fairview Park
 Tamara Louise Kaufman..... Cuyahoga Falls
 Shirley Smith Keckley..... Columbus
 Cheryl Susan Kliot..... Cleveland
 Marilyn Ann Kuhel..... Euclid
 Celia Ann Lackey..... Chagrin Falls
 Sally Ann Lambert..... Cleveland
 Constance Ann Light..... Bucyrus
 Lucille Shirley Lombardi..... Lyndhurst
 Karen Lynne Longhenry..... Columbus
 Lois Anne Loucks..... Dayton
 Judith Allen Maxson (cum laude)..... Chillicothe
 Karen Ruth Mayer..... Columbus
 Janet McCarley McCluer..... Springfield
 Constance Elizabeth McNaughton..... Bellaire
 Jane Richardson Miller..... Youngstown
 Patricia Ann Miller..... North Olmsted
 Susan Helen Miller..... Bowling Green
 Charold Lee Morris..... New Philadelphia
 Barbara Bush Munson..... Marion
 Janet Adele Newby..... Middletown
 Joan Rebecca Parrot..... Worthington
 Carole Louise Prichard..... Columbus
 Janet Evans Prowant..... Elida
 Patricia Louise Radler..... Mansfield
 Marsha Kay Robinson..... Washington C. H.
 Mary Margaret Rodocker..... Zanesville
 Lois Easton Root..... Marysville
 Sandra King Sahr..... Westerville
 Carol Ann St. Pierre..... Dayton
 Susan Bonner Sarvis..... Cleveland Heights
 Ruth Ann Shoemaker..... Gahanna
 Carol Sue Shultheis..... Kettering
 Helen Anne Sibert..... Columbus
 Lizabeth Ulmer Smith..... Alliance
 Joyce Elaine Stanek..... Euclid
 Earlene Ruth Starner..... Dresden
 Susan Strong..... Gahanna
 Julie Anne Stuckey..... Newark
 Debra Kay Temple..... Columbus
 Roseann Gedeon Thannum..... Cleveland
 Patricia Anne Volden..... Bay Village
 Jean Ann Walter..... Columbus
 Pamela Daneal Ward..... Cuyahoga Falls
 June Carol Wash..... Cincinnati
 Barbara Joan Wepler..... Wooster
 Lura Elizabeth Yoder (cum laude)..... Hartville
 Wayne E. Yutzy..... Plain City

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

(Thirty-five candidates)

Lawrence Jay Barger, B.Sc.....	Cuyahoga Falls
Rodney Wayne Bellows, B.Sc.....	Grant, Mich.
James Cooke Bieber, B.Sc. in Opt.....	Columbus
Carl Chester Carter, II, B.Sc.....	Miami, Fla.
David Morgan Dreffer, B.Sc. in Opt.....	Montpelier
Adrian Peter Ebben, B.S. in Med.Tech. (Saint Norbert College) ; B.Sc.	Little Chute, Wis.
Mark William Eger, B.Sc.....	Coraopolis, Pa.
Howard M. Eisernoff, B.Sc.....	Cleveland
Louis Peter Ellen, B.Sc.....	Toronto
David Wright Evans, B.Sc.....	Steubenville
Harvey Paul Fishman.....	University Heights
Charles Miley Glanville.....	Cuyahoga Falls
Kenneth Leon Gortz, B.Sc.....	Euclid
Conrad Douglas Hauptert.....	New Philadelphia
John Charles Heiby, B.Sc.....	Sulphur Springs
Gail Cleon Herron, Jr.....	Salem
Charles Vernon Holland, B.S. (North Carolina College at Durham) ..	Elyria
Gary Alferd Hyde, B.Sc. in Opt.....	Bristolville
Joshua Ellis Josephson, B.Sc.....	Toronto, Ont., Canada
Robert Floyd Jozwiak (cum laude).....	Toledo
Robert Harold Kasik, B.Sc.....	Maple Heights
Donald Brooks Kelly, B.Sc.....	Erie, Pa.
David Bruce Kull, B.S. (Otterbein College).....	Worthington
Arnold Patrick LaGraff.....	Lockport, N. Y.
Robert Prine Liggett, B.Sc. in Opt.....	Ripley
Burton Steven Markowitz, B.A. (University of Buffalo) ..	New York, N. Y.
DeVon Lew Meyer, B.Sc.....	Celina
Charles Austin Norris, B.Sc.....	Smithville
Lyle Edward Nowicki, B.Sc.....	Dayton
William Charles Philbrick, B.Sc.....	Flint, Mich.
Robert James Rowe.....	Cleveland
Richard Fredrick Rule.....	Lansing, Mich.
David Lenaurd Smith, B.Sc., B.Sc. in Opt.....	Lancaster
Gerald Troy, B.S. in Pharm. (University of Cincinnati).....	Cincinnati
Craig Frederick Willoth.....	Rochester, N. Y.

College of Pharmacy

Dean: *Lloyd M. Parks*

Bachelor of Science in Pharmacy

(*Forty-four candidates*)

Phillip Charles Brooks	Mantua
Robert William Burdick (summa cum laude)	Chardon
Gaylene Sheryl Byers	Canton
Ronald William Coberly	Youngstown
Steven Lewis Davis	Wapakoneta
Gregory Byrle Drake (summa cum laude)	Pleasant City
Richard David Emmons, Jr.	Copley
Gunta Ezis	Findlay
Nicholas Ferencz	Cleveland
Robert Alan Hall	Worthington
Susan Ida Harris	Rocky River
Paul Eugene Herring	Van Wert
Gary Bash Hoar	Utica
William Henry Hohman	Kent
Glenn Arthur Honert	Lima
Edward Allen Jergens	Dayton
Suzanne Vogt Kaiser	Kettering
Lawrence Kaufman, B.Sc.	Cleveland
Richard LeRoy Keegan	Clyde
David Lee Kohler	Orrville
David Alan Kotzin	Wilmette, Ill.
Harvey Sanford Krieger	Lyndhurst
Roger David Laughlin	Eastlake
James Aloysius Logue, Jr.	Columbus
Danny Joe Lycans	Grove City
Gary Patrick Mangini	Columbus
Charles Barry May	Akron
Sharon Kay Monroe (cum laude)	Canton
Gary Leonard Mort	East Palestine
Donn Edwin Neurman	Charleston, W. Va.
Robert Manlet Notley	Elyria
George Douglas Porter	Gratiot
Elizabeth Ann Prout (cum laude)	Columbus
William Howard Puckett, Jr.	Waukegan, Ill.
Cora Jane Ross (summa cum laude)	Waynesburg
Joseph Richard Sabino, Jr.	Columbus
Mark Donald Senff	Wooster
John Richard Siddle	Columbus
Michael Terry Smith	Canton
John Joseph Stock	Steubenville
Paul Grayson Taylor	Bedford
David Michael Turshon	Maple Heights
Allan Frank Weber	Rittman
Anthony Paul Yohman	Lorain

College of Veterinary Medicine

Dean: Clarence R. Cole

Doctor of Veterinary Medicine

(Seventy-nine candidates)

Karl Patterson Achenbach, B.S. (Kent State University)	Burghill
Frederick Russell Adams, B.S. in Agr. (West Virginia University)	Keyser, W. Va.
Larry Gene Adkins	Hilliard
Carl Leslie Alden	Wilmington
Ames Fortner Allen, B.S. (Mount Union College)	Salem
Ronald Charles Banning, B.S. (University of Delaware)	Milton, Del.
Jonathan Jacob Bernstein, B.S. (Cornell University)	Youngstown
Allen Roy Bryant, B.S. in Agr. (West Virginia University)	Morgantown, W. Va.
Thomas Jeffery Burke	Cincinnati
Joseph Walter Clutter, B.Sc. in Agr.	Sardinia
Douglas Martin Coatney	Cincinnati
Lyndon Halle Conrad, Jr.	Hubbard
Donald Benjamin Cromer, B.S. in Agr. (West Virginia University)	Durbin, W. Va.
Thomas Michael Cummins	London
Russell Lee DeVore	Winchester
Larry Eugene Dickey	Hebron
Barbara Abrams Dolgan, A.B. (Hiram College)	Norfolk, Va.
Richard Noel Flinn, B.Sc. in Agr.	Piqua
Thomas Warren Fox	Springboro, Pa.
Frank Nicholas Gluhm, II	Hamilton
John Charles Gordon	Kenton
Roger Edison Gussett	Lancaster
Robert Louis Hein, B.Sc. in Agr.; M.S. Fisheries (University of Michigan)	Dayton
Thomas Edward Hickey	Wichita, Kan.
Gene Earl Hofacre, B.Sc. in Agr.	Dalton
Joan Mary Hurley, B.Sc. in Agr.	Cincinnati
Gerald Francis Johnson, B.Sc. in Agr.	Perrysburg
Grant Kizer Johnson	North Lewisburg
Richard Dennis Klingensmith	Leavittsburg
Richard Clarence Knight	Cortland
Michael Lee Kovsky, B.Sc. in Agr.	Youngstown
Joseph Anthony Kropp	Cincinnati
Jay Daniel Kuhlman	Cincinnati
Francis Walter Lux, Jr.	Shelby
David Lee McDonald	Circleville
Lewis Rockwell McLaren	Cincinnati
Michael Jerome Miller, B.S. in Agr. (West Virginia University)	Wheeling, W. Va.
Daniel Joseph Montag	Loveland
Ronald Lee Montgomery, B.Sc.	Chillicothe
George Bryan Nyland	Jefferson
Carl John Ollila	Jefferson
Theodore George Panhuis	Chagrin Falls
Frank Steven Pipers, B.Sc.	Rego Park, N. Y.
James Alan Popp (summa cum laude)	Lexington

Martti Antero Putkonen.....	Fairview Park
James Roger Ronk.....	Fredericktown
David Bruce Royer, B.S. (McPherson College).....	Canfield
Donald Edwin Sanders.....	Waynesfield
Judith Sauerbrei Sanders.....	Lancaster
Thomas Edward Saurer.....	Rittman
Larry Keith Sautter.....	Galion
Thomas Joseph Schiefer, II.....	Perrysburg
Harold Eugene Schraw.....	Hillsboro
Thomas Walter Shriver, B.S. in Agr. (West Virginia University)	South Charleston, W. Va.
Robert Isreal Slobody.....	Cleveland Heights
Robert Edward Smatt, A.B. (Miami University).....	Cleveland
Ralph Deane Smith.....	Zanesville
Warren Eugene Snead.....	Waynesville
*Rufus Allen Sparks.....	Warren
Lester Joe Starcher.....	Arnoldsburg, W. Va.
William Thomas Sternecker.....	Medina
Donald Walter Strattman.....	Cincinnati
David Robert Stroshine.....	Oregon
Robert August Stuhlman.....	Cincinnati
Dennis Howard Swenson.....	Dublin
James Jay Syler, B.Sc. in Agr.....	Dalton
Walter Ronald Threlfall.....	Prospect
Charles Hugh Tracy.....	Columbus
William Lee Trouten.....	Euclid
Daniel Edward Ulmer.....	Bucyrus
Ralph Lewis Urmson.....	Rogers
Richard Julius Vago, B.A. (Kent State University).....	East Cleveland
Victoria Lea Voith.....	Columbus
Michael Allan Wansky.....	Columbus
Earl Daniel Wolf.....	Xenia
Michael Wolland, A.B. (Dartmouth College) (cum laude)	Golden Beach, Fla.
Stephen Harpster Yost.....	Circleville
David Michael Zimmerman.....	Euclid
Royden Scott Zinn, III.....	Newberne, W. Va.

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

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

Columbus, Ohio, June 13, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, June 13, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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The Acting Chairman, Mr. Ketterer, introduced the new member of the Board of Trustees, Mr. John H. Dunlap, Williamsport, Ohio, who was appointed by Governor James A. Rhodes, to succeed Mr. Stanley C. Allyn, for the term beginning May 14, 1968 and expiring May 13, 1977.

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Minutes of the last meeting were approved.

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June 13, 1968 meeting, Board of Trustees

As the senior member of the Board of Trustees present, Mr. John G. Ketterer served as Acting Chairman in the absence of the Chairman, Mr. John W. Bricker, who was not present because of illness, and in the absence of the Vice Chairman, Dr. Bertram D. Thomas, who was unable to attend because of a previous commitment.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1968-1969 Fiscal Year

President Fawcett presented the following statement pertaining to the recommended budgets for the 1968-1969 fiscal year:

Each year the presentation to the Board of Trustees of the annual operating budget of The Ohio State University provides me with an opportunity to review briefly the past year and to project some new developments for the next. In a complex institution of the magnitude of Ohio State, often the central thrust of its programs is obscured by incidents that are more dramatic. In full perspective, however, the 1967-1968 academic year has been one of marked accomplishment, and the next one is, indeed, filled with promise.

The quality and effectiveness of our research effort continue to grow. The goal to establish chairs and professorships has been enlarged during the past several months with a number of significant gifts. Academic reorganization, one of the most massive efforts of a major university to organize itself better for the attainment of its objectives, has progressed since January 1, 1968, to the point that each of our new colleges has begun to function as a unit.

The budgets for 1968-1969 are in balance. They reflect the new academic reorganization and have been based upon academic plans developed by the new academic units. New programs specifically aimed at improving the quality of undergraduate education have been developed in several colleges--most notably the College of Biological Sciences and the College of Education.

The crucial task of utilizing technology in the instructional process has been approached through two major developments in 1967-1968. A new Office of Learning Resources to coordinate University efforts in this field has been established and the budgets for 1968-1969 reflect new unified plans for the future development of the University Libraries, the Listening Center, Telecommunications, Teaching Aids, Photography, and other related areas.

A second major resource addition is the new "Third Generation" computer to be installed during 1968-1969 in the Systems Engineering Building. Planning for the installation and utilization

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

of this equipment has been under way for several years, and the arrival of the "hardware" next year will provide the University with significant new capabilities in instruction and research.

The facilities of the University have been keeping pace with the growth in quality of the faculty and student body. The Office of Business and Finance and the Office of Campus Planning have dealt with construction and space problems throughout the year and have done so with significant success. Many units of the College of Engineering and the entire College of Pharmacy have occupied new facilities. While the capital needs of the University continue unabated, progress continues to be made. The budgets for 1968-1969 are designed to continue the academic growth of The Ohio State University in concert with the needs of the times.

With this background of information, President Fawcett 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 1968-1969:

The budgets for 1968-1969 for The Ohio State University represent the first complete budget document here based upon the new "program budgeting" technique. The methodology in use at Ohio State has proved highly successful and is being studied by a number of universities and state educational systems for possible adoption. The technique includes a statistical treatment based upon economic and work load factors to produce a "continuation budget" plus a qualitative analysis of proposals from each subdivision of the University to produce budgets for new and improved programs.

The total current funds budget for the University for 1968-1969 envisions expenditures of \$163,112,910.00. The estimated expenditures in 1967-1968 are \$144,849,450.00. The \$144,849,450.00 represents an increase of \$7,931,730.00 over the June 8, 1967 budget estimate of \$136,917,720.00. This increase is all in Restricted Funds and Auxiliary Operations in which expenditures are adjusted to reflect changes in income. Major changes were in the University Hospital (up \$5,205,000.00), Auxiliary Operations (up \$1,307,000.00), Dormitories (up \$1,625,000.00), Athletics (up \$81,000.00), Conferences (up \$25,000.00), Gifts and Grants (down \$520,000.00). The 1968-1969 expenditures include certain changes in accounting practices which now show Student Fee Waivers as an expense of \$3,390,000.00. Also included are new budgeted activities, such as the Development Fund and the Photography Laboratory in the amount of \$394,300.00, and the total Student Services Budgets which include the amount of \$1,126,000.00 previously identified as Student Facilities account.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

Therefore the estimated net increase in expenditures in 1968-1969 over 1967-1968 is \$13,353,160.00, or about 9.2%. These increases reflect mandated and other salary increases for non-faculty staff, merit increases for faculty members which will increase average faculty salaries by slightly under six percent, and increased costs of supplies and equipment due to continued inflationary pressures. New and improved programs include new academic units in public administration, natural resources, and plant pathology; greatly expanded instruction and research computer capacity through the acquisition of "third-generation" equipment, and a variety of special programs to deal with educational problems in urban areas.

It is recommended that the following current expenditure budgets for the operation of The Ohio State University for the fiscal year 1968-1969 be approved:

<u>General Budget</u>		<u>\$ 85,937,089.00</u>
Personal Service (inc. retirement)	\$61,560,258.00	
Operating	12,079,708.00	
Equipment	2,695,807.00	
Improvements	1,124,921.00	
Student Services	2,380,000.00	
*Student Fee Waivers	3,390,000.00	
Research (special purpose)	543,650.00	
All Other	<u>2,162,745.00</u>	
<u>Branch Budgets</u>		<u>\$ 2,635,273.00</u>
<u>Restricted Budgets</u>		<u>\$ 15,703,548.00</u>
Endowments	\$ 525,000.00	
Federal Grants	10,500,000.00	
Ohio Grants	1,050,000.00	
Private Gifts and Grants	2,300,000.00	
Mershon Center for Edu- cation in National Security	300,000.00	
Development Fund	278,548.00	
Conferences	750,000.00	

*Now required by state accounting procedures to be shown as expense offset by income; previously shown only as reduction in income.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

<u>Rotary and Auxiliary Accounts</u>	<u>\$ 58,837,000.00</u>
Cooperative Extension Service	\$ 7,000,000.00
University Hospital	24,600,000.00
Dormitories	8,650,000.00
Athletics	3,310,000.00
Departmental Earnings	6,127,000.00
University Services	2,950,000.00
Other Auxiliary Enterprises	6,200,000.00
<u>Grand Total</u>	<u>\$163,112,910.00</u>

It is recommended further that the supporting statements for the foregoing summary figures which have been previously reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1968-1969 with the official records of the University.

Finally, it is recommended that the President be authorized to adjust the expenditure estimates during the fiscal year with fluctuations in income, and report such adjustments to the Board of Trustees as may be required.

Upon motion of Mr. France, seconded by Mr. Dunlap, the Board of Trustees approved the said budget for the 1968-1969 fiscal year by unanimous roll call vote.

Budget for The Ohio State University Research Foundation for the 1968-1969 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1968-1969 be approved in an amount not to exceed \$1,050,104.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 26, 1968.

Upon motion of Mr. Safford, seconded by Mr. France, The Ohio State University Research Foundation budget for 1968-1969 was approved by unanimous roll call vote.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a School of Physical Education in the College of Education to Replace the Department of Physical Education

As a result of a comprehensive study conducted by a Faculty Advisory Committee on the Academic Organization and Relocation of the Department of Physical Education, it was recommended that a School of Physical Education be established in the College of Education, effective July 1, 1968, to replace the current Department of Physical Education. This recommendation was endorsed by the faculty of the College of Education on April 23, 1968, the Council on Academic Affairs on May 6, 1968, and the University Faculty Council on May 14, 1968.

The essential nature of the recommendation is that the Department of Physical Education be reorganized and established as a School with appropriate academic sub-units with provisions for the development of a single coordinated faculty which shall be responsible for teaching, research, and service in physical education, health education, and recreation. Although the Department of Physical Education has not been a direct administrative unit of the College of Education, there has been a close and long-term relationship with the College of Education through which all of the Department's curricula and course materials have been approved.

This recommendation is submitted to the Board of Trustees for approval in the belief that such a coordinated academic unit is essential for the long-term development of a viable physical education program within the University.

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

C. Change the Name of the Department of Air Science to the Department of Air Force Aerospace Studies

The Council on Academic Affairs approved a proposal and forwarded it to the Faculty Council for action on May 14, 1968, requesting that the name of the Department of Air Science be changed to the Department of Air Force Aerospace Studies, effective July 1, 1968. This request has been appropriately coordinated with the Department of Aeronautical and Astronautical Engineering of the College of Engineering.

It was recommended that the above action of the Faculty Council be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Board of Trustees approved the above recommendation by voice vote with five members voting affirmatively and one member voting negatively.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy"

President Fawcett indicated his great pleasure in recommending the establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy," in the Department of Metallurgical Engineering, effective for the 1968-1969 academic year. A gift in the amount of \$100,000.00, payable at the rate of \$10,000.00 each year for a period of ten years, has been committed by the Forging Industry Educational and Research Foundation of Cleveland, Ohio, in cooperation with Mr. David E. Tilton, Treasurer and General Manager, Columbus Forge and Iron Co., to establish this "Named Professorship" with the understanding that \$5,000.00 per year is designated for the salary of the "Tilton Professor" and an additional \$5,000.00 per year for support of his activities in mechanical metallurgy.

This "Named Professorship" is to honor Earl M. Tilton, President and Chairman of the Board of Columbus Forge and Iron Co., Columbus, Ohio, and is in accordance with the policy adopted by the Board of Trustees on January 14, 1965.

Upon motion of Mr. Safford, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy."

E. Establishment of a Department of Anesthesiology

On June 4, 1968, the Faculty Council with the endorsement of the Council on Academic Affairs approved the proposal of the faculty of the College of Medicine that a Department of Anesthesiology be established, effective October 1, 1968.

As a result of the relationship of anesthesiology to the several academic departments within the College of Medicine, the establishment of this new department will provide a much greater degree of flexibility in relating the anesthesiology program across the entire structure of the College. The general objectives of the department include broadening the educational opportunities for all students in the health professions, developing broader research efforts, and maintaining the excellent patient care now provided in the present program.

It was recommended therefore that the Board of Trustees approve the proposal to establish a Department of Anesthesiology.

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

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Establishment of a Department of Computer and Information Science

At the request of the faculty in the area of Computer and Information Science and with the support of the faculty of the College of Engineering, the Council on Academic Affairs at its meeting on May 22, 1968, approved a proposal to establish the Department of Computer and Information Science in the College of Engineering, effective October 1, 1968. This proposal was subsequently approved by the Faculty Council on June 4, 1968.

This proposed new academic department will offer a broad spectrum of courses at the undergraduate and graduate degree levels in a well-defined academic endeavor which has become recognized internationally as an appropriate scientific discipline. The department will be staffed with full-time faculty holding regular appointments and will have the necessary qualifications to provide excellent instructional, research, and educational service programs in this rapidly developing discipline.

It was recommended therefore that the Board of Trustees approve the proposal of the Faculty Council to establish a Department of Computer and Information Science.

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

G. Change in Name of the Department of Photography to the Department of Photography and Cinema

On June 4, 1968, the Faculty Council, with the endorsement of the Council on Academic Affairs, approved the request from the College of Engineering that the Department of Photography be changed to the Department of Photography and Cinema.

The present designation does not reflect the full scope of the existing instructional, research, and professional programs. At the present time there are seventeen members of the faculty engaged in the area of motion picture (cinema) work and fourteen with still photography. These faculty members in presenting the six-year program goals for the department documented the need for including both photography and cinema in the department name if the department is to achieve academic and professional distinction at a national and international level.

It was recommended therefore that the Board of Trustees approve the proposed change in name of the Department of Photography to the Department of Photography and Cinema, effective July 1, 1968.

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

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June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 9, 1968 meeting of the Board, as recorded in the official "1967-68 Salary Roll" of the University and the personnel changes including promotions in rank as shown in the official "1968-69 Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

James G. Martin from Assistant Dean of the College of Arts and Sciences to Associate Dean of the College of Social and Behavioral Sciences, effective July 1, 1968, at a salary of \$17,568.00 per annum. He will hold the academic rank of Associate Professor in the Department of Sociology.

Keith Brooks from Professor in the Department of Speech to Professor and Chairman in the Department of Speech, effective October 1, 1968, at a salary of \$20,008.00 per annum.

Donald D. Glower from Professor in the Department of Mechanical Engineering to Professor and Chairman in the Department of Mechanical Engineering, effective July 1, 1968, at a salary of \$23,088.00 per annum.

Harold T. Luce from Acting Director of the School of Music to Director of the School of Music, effective June 1, 1968, at a salary of \$18,168.00 per annum. Dr. Luce will continue to hold the academic rank of Associate Professor in the School of Music.

Aldrich Syverson from Professor in the Department of Chemical Engineering to Professor and Chairman of the Department of Chemical Engineering, effective July 1, 1968, at a salary of \$21,768.00 per annum.

B. Appointments

William M. Johnson, Assistant Dean - College of Veterinary Medicine, effective July 1, 1968, at a salary of \$17,568.00 per annum.

Warren W. Eason, Professor, Department of Economics, effective October 1, 1968, at a salary of \$19,728.00 per annum.

June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments (continued)

James D. Harrison, Professor, College of Dentistry, effective October 1, 1968, at a salary of \$19,248.00 per annum.

Stanley K. Laughlin, Jr., Professor, College of Law, effective October 1, 1968, at a salary of \$16,128.00 per annum.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Pauline G. Hall, Associate Professor (Extension Nutritionist), effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Anita R. McCormick, Associate Professor (Assistant State Leader, Home Economics), Cooperative Extension Service, effective June 1, 1968 through January 15, 1969, to participate in a program of professional improvement at North Carolina State University.

Jean Currey, Assistant Professor, School of Nursing, effective July 10, 1968 through June 30, 1969, to participate in a project of program instruction at the University of Wisconsin.

Ronald C. Sheck, Assistant Professor, Department of Geography, effective October 1, 1968 through September 30, 1969, to continue to engage in research in Guatemala.

Charles I. Archer, Instructor (Area Extension Agent), Cooperative Extension Service, effective June 1, 1968 through June 30, 1968, to participate in a program of professional improvement at Colorado State University.

G. Wayne Burkhart, Instructor, Cooperative Extension Service, effective July 1, 1968 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Gloria D. Cleland, Instructor, Cooperative Extension Service, effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement at the University of Maryland.

Robert B. Lewis, Instructor, Cooperative Extension Service, effective July 1, 1968 through June 30, 1969, to participate in a program of professional improvement at North Carolina State University.

John D. Rohrer, Instructor, Cooperative Extension Service, effective July 1, 1968. (Military Leave)

Barbara J. Thomson, Instructor, College of Education, effective October 1, 1968 through September 30, 1969, to finish work on her Ph. D.

E. Emeritus Titles

George T. Harding, Sr., Department of Psychiatry, with the title Clinical Professor Emeritus, effective July 1, 1968.

Robert W. Haws, College of Education, with the title Professor Emeritus, effective September 1, 1968.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the Promotions, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, Promotions in Rank, and the personnel budget actions as recorded in the official "1968-1969 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.

June 13, 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)

- a1. 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. #17 -
College of Administrative Science, Division of Continuing Education).
Gross Value - \$12,573.00.
- a2. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Heart Institute,
Bethesda, Maryland, Factors Determining Cardiac Output in Man
(to be known as National Institutes of Health Project No. 1254-G -
Ext. #7 - Department of Medicine).
Gross Value - \$19,376.00.
- a3. Department of Health, Education, and Welfare, Public Health
Service - Health Services Administration, Bureau of Disease
Prevention and Environmental Control, Bethesda, Maryland, Milk
Protein Changes at Elevated Temperature (to be known as Health
Services Administration, Bureau of Disease Prevention and Envi-
ronmental Control Project No. 1264-G - Ext. #7 - Department of
Dairy Technology).
Gross Value - \$22,497.00.
- a4. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Cancer Institute,
Bethesda, Maryland, Spontaneous and Experimental Endometrial
Carcinoma (to be known as National Institutes of Health Project
No. 1281-F - Ext. #6 - Department of Pathology).
Gross Value - \$16,310.00.
- a5. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Institute of Neuro-
logical Diseases and Blindness, Bethesda, Maryland, Chemical
Studies of Stimulated Retina (to be known as National Institutes of
Health Project No. 1575-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$48,188.00.
- a6. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Institute of Neuro-
logical Diseases and Blindness, Bethesda, Maryland, Neuro-
Respiratory Reflexes (to be known as National Institutes of Health
Project No. 1627-E - Ext. #5 - Department of Psychiatry).
Gross Value - \$20,609.00.

June 13, 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. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - Sup. #7 - Department of Pathology).
Gross Value - \$30,000.00.
- a8. U. S. Atomic Energy Commission, Argonne, Illinois, Analysis of Glaciological Data Obtained on the Casement Glacier, Southeast Alaska, 1965-1967 (to be known as U. S. Atomic Energy Commission Project No. 2017 - Mod. #3 - Institute of Polar Studies).
Gross Value - \$12,926.00.
- a9. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Center for Chronic Disease Control, Bethesda, Maryland, Mechanism of Death in Acute Myocardial Infarction (to be known as Health Services and Mental Health Administration Project No. 2018-C - Ext. #3 - Department of Medicine).
Gross Value - \$36,661.00.
- a10. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Center for Urban and Industrial Health, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as Health Services and Mental Health Administration Project No. 2037-C - Ext. #3 - Department of Dairy Technology).
Gross Value - \$24,808.00.
- a11. 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. #5 - Department of Veterinary Pathology).
Gross Value - \$80,000.00.
- a12. 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-C - Ext. #3 - Department of Medicine).
Gross Value - \$191,934.00.

June 13, 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)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060-C - Ext. #3 - Department of Otolaryngology). Gross Value - \$23,465.00.
- a14. 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-C - Ext. #3 - Department of Medicine). Gross Value - \$27,468.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, Tryptophan in Neoplastic and Hematologic Disease (to be known as National Institutes of Health Project No. 2095-C - Ext. #3 - Department of Medicine). Gross Value - \$20,481.00.
- a16. National Science Foundation, Washington, D. C., Optically Active Complex Inorganic Compounds (to be known as National Science Foundation Project No. 2120 - Amend. #2 - Department of Chemistry). Gross Value - \$49,000.00.
- a17. 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. 2152 - Ext. #2 - Department of Chemistry). Gross Value - \$43,100.00.
- a18. 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. #11 - Department of Economics). Gross Value - \$65,000.00.
- a19. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Individual Differences and Psychologic Stress (to be known as Health Services and Mental Health Administration Project No. 2173-B - Ext. #2 - Department of Psychiatry). Gross Value - \$57,587.00.

June 13, 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, Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health, Bethesda, Maryland, Engineering Properties of Farm Wastes (to be known as Health Services and Mental Health Administration Project No. 2216-B - Ext. #2 - Department of Agricultural Engineering).
Gross Value - \$22,485.00.
- a21. National Science Foundation, Washington, D. C., To Establish a Program of Information Science (to be known as National Science Foundation Project No. 2218 - Ext. #1 - Division of Computer and Information Science).
Gross Value - \$365,800.00.
- a22. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Verbo-tonal System of Auditory Training in the Public Schools (to be known as Office of Education Project No. 2227 - Rev. #2 - Department of Speech).
Gross Value - \$38,311.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Influence of Adrenal Hormones on Muscle Receptors (to be known as National Institutes of Health Project No. 2243-B - Ext. #2 - Department of Physiology).
Gross Value - \$2,850.00.
- a24. 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 - Ext. #2 - Department of Psychiatry).
Gross Value - \$34,726.00.
- a25. 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. #3 - Department of Industrial Engineering).
Gross Value - \$61,985.00.

June 13, 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. 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. #5 - Research Foundation).
Gross Value - \$32,000.00.
- a27. 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-A - Ext. #1 - College of Biological Sciences).
Gross Value - \$20,043.00.
- a28. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Physician Manpower, Bethesda, Maryland, Exploratory Study: Factors Affecting Health Manpower (to be known as National Institutes of Health Project No. 2462-A - Ext. #1 - Department of Anatomy).
Gross Value - \$30,473.00.
- a29. 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 - Mod. #1 - Department of Medicine).
Gross Value - \$30,422.00.
- a30. National Science Foundation, Washington, D. C., Statistical Approach to Soil Engineering (to be known as National Science Foundation Project No. 2617 - New - Department of Civil Engineering).
Gross Value - \$37,900.00.
- a31. 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 Project No. 2618 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.

June 13, 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)

- a32. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Theoretical Study of V Antenna Characteristics of the ATS-E Radio Astronomy Experiment (to be known as National Aeronautics and Space Administration Project No. 2619 - New - Department of Electrical Engineering). Gross Value - \$20,998.00.
- a33. National Science Foundation, Washington, D. C., Structural Glaciology of Meserve Glacier, Wright Valley, Antarctica (to be known as National Science Foundation Project No. 2620 - New - Institute of Polar Studies). Gross Value - \$40,100.00.
- a34. National Science Foundation, Washington, D. C., Conference on Econometrics (to be known as National Science Foundation Project No. 2621 - New - Department of Economics). Gross Value - \$2,000.00.
- a35. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as U. S. Army, Harry Diamond Laboratories Project No. 2622 - New - Department of Electrical Engineering). Gross Value - \$10,000.00.
- a36. National Science Foundation, Washington, D. C., Regional Analysis of a Traditional Economy (to be known as National Science Foundation Project No. 2623 - New - Department of Geography). Gross Value - \$30,100.00.
- a37. National Science Foundation, Washington, D. C., Carbanions: Structure and Kinetics of Exchange Reactions (to be known as National Science Foundation Project No. 2624 - New - Department of Chemistry). Gross Value - \$29,000.00.
- a38. 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 - New - College of Dentistry). Gross Value - \$27,729.00.

TOTAL - Government Contracts - Federal \$1,668.905.00

June 13, 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

- 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. C510016 - Department of Surgery).
Gross Value - \$243.50.
- a2. 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. C513241 - Department of Surgery).
Gross Value - \$8,184.03.
- a3. 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. #1 - College of Optometry).
Gross Value - \$21,608.00.
- a4. American Cancer Society, Inc., New York, New York, Cancer Research (to be known as American Cancer Society, Inc., Project No. 2594 - New - Department of Surgery).
Gross Value - \$35,000.00.

TOTAL - Industrial and Other Contracts \$65,035.53

The foregoing forty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,733,940.53.

Upon motion of Mr. Dunlap, seconded by Mr. France, 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 April 25, 1968 through May 27, 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 292X	Measurement of Mechanical Stresses Using Piezo
Ext. #2	Electric Crystals, Ohio Department of Highways, Columbus, Ohio.
	Gross Value - \$16,675.00.

June 13, 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)

SC 75	Educational Facilities Charette, Office of Education, Washington, D. C. Gross Value - \$34,560.00.
W3XX	Water Resources Center Area Account, U. S. Depart- ment of Interior, Washington, D. C. Gross Value - \$25,684.00.
W120	Removal of Trace Metals from Water by Ion Flotation, U. S. Department of Interior, Washington, D. C. Gross Value - \$7,560.00.
W121	Relationship of Activated Sludge Bulking to Organic Loading, Oxygen Availability, and Hydraulic Char- acteristics of the Aeration Tank, U. S. Department of Interior, Washington, D. C. Gross Value - \$5,350.00.
W122	Flow Analysis of Hydraulic Connectors in Artificial Recharge Systems, U. S. Department of Interior, Washington, D. C. Gross Value - \$8,600.00.

TOTAL - Government Research Contracts \$98,429.00

2. Industrial Research Contracts

EES 243X Ext. #6	A Study of Brake Lining Characteristics, The Ford Motor Company, Detroit, Michigan. Gross Value - \$5,300.00.
EES 288X Ext. #2	A Study of V-Belts, Dayco Corporation, Springfield, Missouri. Gross Value - \$6,972.00.

TOTAL - Industrial Contracts \$12,272.00

The foregoing eight contracts for research in the Engineering Experiment Station represent a gross income of \$110,701.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreements Between the Division of Special Education - Ohio Department of Education and The Ohio State University

President Fawcett recommended that the agreements between The Ohio State University and the Ohio Department of Education, Division of Special Education, be approved for the fiscal year 1968-1969, 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.

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. Jones, the above recommendations were approved by unanimous roll call vote.

D. Authorization to Execute Agreements Between The Ohio State University and the Columbus Technical Institute and The Ohio State University and the Penta County Technical College

A need for technical education programs has been clearly identified in the Mansfield and Lima areas where The Ohio State University has branch campuses. Therefore, with the encouragement of the Office of the Ohio Board of Regents, the University desires to provide appropriate two-year technical education programs in cooperation with the Columbus Technical Institute in the case of the Mansfield Campus and the Penta County (Fulton, Lucas, Ottawa, Sandusky, and Wood Counties) Technical College at the Lima Campus.

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).

It was recommended therefore that the President and the Chairman of the Board of Trustees of The Ohio State University be authorized to sign:

- (1) an agreement between The Ohio State University and the Columbus Technical Institute to provide for technical education programs on the Mansfield Campus of the University to begin with the Autumn Quarter 1968 or as soon thereafter as possible; and
- (2) an agreement between The Ohio State University and the Penta County Technical College for technical education programs at the Lima Campus of the University to begin with the Autumn Quarter 1968 or as soon thereafter as possible.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Authorization to Execute Agreements Between The Ohio State University and the Columbus Technical Institute and The Ohio State University and the Penta County Technical College (continued)

The above said agreements have been reviewed by the Office of the Ohio Board of Regents and the Office of the Attorney General of Ohio.

Upon motion of Mr. Safford, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to file the signed copies of the agreements with the official records of the University if and when they are executed.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 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. \$213,339.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program," under the direction of the School of Allied Medical Services, for the period April 15, 1968 through April 14, 1969. (Grant No. AHI-68-606 B)
2. \$173,300.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Experienced Teacher Fellowship Program," under the direction of the College of Education, for the period January 23, 1968 through August 31, 1969. (Grant No. OEG-0-8-082183-2761 070)
3. \$105,171.00 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, 1968 through June 30, 1969. (Grant No. 5 T01 NB05397-06)
4. \$94,575.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05409-07)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$80,613.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 CA08110-03)
6. \$78,689.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Biomedical Sciences Support," under the direction of the Office of Research, for the period June 1, 1968 through May 31, 1969. (Grant No. 5 S05 FR07074-03)
7. \$72,294.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "NDEA Institute for Advanced Study in English," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080518-2456 046)
8. \$69,520.00 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, 1968 through June 30, 1969. (Grant No. 5 T01 MH08458-05)
9. \$54,523.00 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, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 AI00216-08)
10. \$51,840.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Residency Training," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH08386-05)
11. \$50,000.00 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, 1968 through June 30, 1969. (Grant No. 5 T02 DH 05044-07)
12. \$48,886.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 AM05118-12)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

13. \$42,693.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Bacteriology and Mycology," under the direction of the Department of Medical Microbiology, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 AI00359-01)
14. \$30,238.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Studies of Ventricular Contractility in Cardiovascular Disease," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE13971-08)
15. \$29,492.00 granted 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, 1968 through June 30, 1969. (Grant No. 5 T01 MH08526-05)
16. \$26,790.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "A Comprehensive Study of Cardiovascular Sound," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE28243-04)
17. \$25,869.00 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, 1968 through June 30, 1969. (Grant No. 5 T12 CA08129-02)
18. \$25,000.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for partial support of the purchase of a "Scanning Electron Microscope," under the direction of the Department of Metallurgical Engineering. (GK-2909)
19. \$24,159.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Nursing," under the direction of the School of Nursing, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 MH06375-12)
20. \$22,960.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "The Biosynthesis of Neurohypophyseal Hormones," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 K03 AM11519-01)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$22,007.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Studies on Comparative Electrocardiography," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1968 through March 31, 1969. (Grant No. 2 K03 HE13524-06)
22. \$21,569.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Taxonomic Study of Cariogenic Bacteria," under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 DE34363-02)
23. \$20,934.00 granted by U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. 20242, to the University for "Training in Water Supply and Pollution Control," under the direction of the School of Natural Resources, for the period July 1, 1968 through June 30, 1969. (Grant No. 5T1-WP-39-05)
24. \$20,889.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for construction of an Electrical Engineering Building, under Title I of the Higher Education Facilities Act of 1963. (Project No. 4-5-00421-0)
25. \$20,867.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Effects of Drugs on Cardiac Membrane Potentials and Contractions," under the direction of the Department of Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE11929-05)
26. \$14,671.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05463-06)
27. \$11,100.00 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 Chemistry, and terminates on May 31, 1970. (GY-5121)
28. \$5,100.00 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 Ceramic Engineering, and terminates on May 31, 1970. (GY-5119)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

29. \$3,600.00 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 Civil Engineering, and terminates on May 31, 1970. (GY-5120)
30. \$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, 1968 through June 30, 1969. (Grant No. 5 T01 MH07507-08)

TOTAL - Received Through the Office of Business and Finance -
\$1,462,632.00

B. Received Through The Ohio State University Development Fund

1. \$21,200.00 from Union Carbide Corporation, Tarrytown, New York-- \$5,000.00 for the Department of Metallurgical Engineering Equipment and Travel Fund, \$5,000.00 for the Union Carbide Fellowship in Chemistry, \$5,000.00 for the Union Carbide Corporation Fund for Mechanical Engineering, \$5,000.00 for the Union Carbide Corporation Fund for Biochemistry and Molecular Biology, and \$1,200.00 for the Union Carbide Corporation Fellowship in Welding Engineering.
2. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund in the College of Medicine.
3. \$10,000.00 from the Ohio Turfgrass Foundation for the Golf Course Superintendents Association of America Research Fund.
4. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Co. Research in Medicine Fund.
5. \$7,719.50 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
6. \$6,500.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
7. \$5,890.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
8. \$4,500.00 from The Babcock & Wilcox Company (Diamond Power Specialty Company) for the Babcock & Wilcox Company Fund for Engineering.
9. \$4,200.00 from North American Rockwell Corporation, Columbus Division, for the North American Aviation Fellowship in Aviation Medicine.

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

10. \$3,700.00 from Kaiser Aluminum & Chemical Corporation for the Kaiser Aluminum & Chemical Corporation Fellowship Fund in Mechanical Engineering.
11. \$2,500.00 from Bethlehem Steel Corporation for the Bethlehem Steel Corporation Research Fund in Metallurgical Engineering.
12. \$2,500.00 from the Forging Industry Educational and Research Foundation, Cleveland, Ohio, for the Earl M. Tilton Professorship in Mechanical Metallurgy and the professorship support fund.
13. \$2,500.00 from Ohio Florists Association for the Floriculture Plastic Greenhouse Fund.
14. \$2,000.00 from Thomas A. Boyd for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
15. \$1,680.40 from Antique Show Receipts given in the name of Jay L. Failer--\$1,000.00 for the WOSU-TV Continuing Education Fund, \$500.00 for the Bertha Alice Watts Mount Memorial Fund, and \$180.40 for the Presidents Club Special Fund.
16. \$1,300.00 from American Board of Preventive Medicine, Inc., for the American Board of Preventive Medicine Fund.
17. \$1,250.00 from Travenol Laboratories, Inc., for the Dr. Sam Studybaker Memorial Fund.
18. \$1,000.00 from Columbus and Southern Ohio Electric Company - Home Service Department for the Dorothy D. Scott Scholarship Fund.
19. \$1,000.00 from Garwick & Ross, Inc., (In name of J. Parker Garwick) for the J. Parker Garwick Fund.
20. \$1,000.00 from The Charles Y. and Frances N. Lazarus Foundation (In name of Mrs. Charles Y. Lazarus) as an unrestricted gift to the University.

TOTAL - Received Through The Ohio State University Development Fund -
\$98,439.90

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

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

In April, 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	3,928	\$ 81,135.43
Individuals other than alumni	102	4,598.05
Nonprofit organizations	32	31,267.32
Business concerns	<u>76</u>	<u>61,487.27</u>
	4,138	\$178,488.07

Of these gifts, 3,351 totaling \$31,286.61 were undesignated and 787 totaling \$147,201.46 were designated.

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V. PLANS AND SPECIFICATIONS

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

A. Horticulture and Forestry Building, Partial Remodeling

This project will provide the remodeling of six classrooms in the old Horticulture and Forestry Building to accommodate teaching laboratories for anatomy and physiology programs of the College of Biological Sciences.

Funds for this project will be provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801162 (Construction Account for Horticulture and Forestry Building, Partial Remodeling).

B. Street Repairs for 1968

This project will provide patching of several street areas, paving Neil Avenue from 17th Avenue to West Woodruff Avenue, and replacing the existing stone and concrete curbs with concrete curbing on the east side of Neil Avenue from a short distance south of 19th Avenue to West Woodruff Avenue.

Funds for this project will be provided from the 1968-1969 allocation to Budget Account 121658 (Contract Repair).

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.

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June 13, 1968 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 contracts were recommended for award. The action reported to the Board was as follows:

A. Sisson Hall - Remodeling of West Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 4-24-68)		
Ed Ross Construction (Columbus)	\$25,493.00	\$35,700.00
<u>Mechanical Contract</u>		
(2 rebids received 5-2-68)		
Keen-Air Conditioning Corp. (Columbus)	26,843.00	28,500.00
<u>Electrical Contract</u>		
(2 rebids received 5-2-68)		
Reco Electric (Columbus)	<u>13,098.00</u>	<u>14,500.00</u>
<u>Total All Contracts</u>	<u>\$65,434.00</u>	<u>\$78,700.00</u>

Funds for this project will be provided from Budget Account 801154 (Construction Account for Sisson Hall - Remodeling of West Wing).

B. McCracken Power Plant - Elevator Modernization

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-8-68)		
Henry A. Justus, Inc. (Columbus)	\$22,620.00	\$24,000.00

Funds for this project will be provided from Budget Account 801155 (Construction Account for McCracken Power Plant - Elevator Modernization).

C. Starling-Loving Hall - Modernization of Electrical System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-21-68)		
Pence Electric Co. (Columbus)	\$36,002.00	\$53,500.00

Funds for this project will be provided from Budget Account 801156 (Construction Account for Starling-Loving Hall-Modernization of Electrical System).

June 13, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Roof Repairs - 1968

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 rebids received 5-28-68)		
Superior Roofing Company (Columbus)	\$62,500.00	\$65,000.00

Funds for this project will be provided from Budget Account 121658 (Contract Repair).

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

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement for Power Line and Telephone Line, Lane Avenue

The Columbus and Southern Ohio Electric Company and the Ohio Bell Telephone Company have requested an easement for their pole line across University lands. The pole line originally was in the right-of-way of Lane Avenue. In 1957 when Lane Avenue was realigned, the County vacated the old right-of-way to the University. The rights of the utilities located in the old right-of-way were omitted when the land was conveyed to the State of Ohio. These utility lines currently provide telephone and electric service to the west campus area and WOSU-TV.

President Fawcett recommended that the granting of a right-of-way easement to the Columbus and Southern Ohio Electric Company and the Ohio Bell Telephone 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 necessary legal instruments to provide for the easement.

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

B. Means Hall Remodeling - Extension of Architects Contract

President Fawcett recommended that the McGee and Alberts contract for preliminary drawings and specifications for this project, approved by the Board of Trustees on December 14, 1967, be extended to provide basic drawings, working drawings, specifications, estimate of cost, and necessary bidding documents.

June 13, 1968 meeting, Board of Trustees

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

B. Means Hall Remodeling - Extension of Architects Contract (continued)

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 fee established for this project, at the option of the University.

The fee for this service has been calculated at 9 per cent of the estimated construction cost less the fee for preliminary work or an estimated \$13,982.90 with funds to be provided from Budget Account 801139 (Means Hall Remodeling Construction Account).

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

C. Health Sciences Information Center (Medical Center Library) - Extension of Architects Contract

President Fawcett recommended that the C. Curtiss Inscho & Associates contract for the preparation of schematic studies and drawings for this project, approved by the Board of Trustees on July 13, 1967, be extended to provide architectural and engineering services including 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, at the option of the University.

The fee for this service will be calculated on the basis of 6 per cent of the first \$1,000,000, 5 1/2 per cent of the second \$1,000,000 and 5 per cent of \$1,540,000 of the estimated construction cost less the fee for preliminary work, or an estimated \$88,800.00. Funds will be provided from Item 059, H. B. 886, and an anticipated federal grant from the Public Health Service.

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

D. Laneview Area, Demolition of Buildings

Pursuant to the action of the Board of Trustees on March 14, 1968, the University is currently acquiring land east of Kenny Road, north of Lane Avenue, west of the Chesapeake & Ohio Railroad and south of State of Ohio owned lands. This land is to be cleared for future University utilization in accordance with the master plan. It is proposed that the buildings on these properties be demolished as acquired.

June 13, 1968 meeting, Board of Trustees

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

D. Laneview Area, Demolition of Buildings (continued)

President Fawcett recommended therefore that authority be granted to demolish any and all structures on lots in this area as they are acquired. The demolition in each case shall be scheduled at the discretion of the Vice President for Business and Finance subject to Cabinet approval.

All demolitions of these buildings will be accomplished in the usual manner.

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

E. 2637 Olentangy River Road (Hess Property), Demolition of Buildings

The State of Ohio (The Ohio State University) acquired the above property on August 1, 1932. The buildings have been reviewed by appropriate University officials and have been found to be of no value to the University. The land is to be cleared for future University utilization in accordance with a master plan. It is proposed that the buildings on this site be demolished.

President Fawcett recommended therefore that authority be granted to demolish all structures at 2637 Olentangy River Road.

All demolitions of these buildings will be accomplished in the usual manner.

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

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VIII. RESOLUTIONS IN MEMORIAM

A. Report on Fires in Lincoln and Morrill Towers and Resolutions in Memoriam for Students Whose Lives Were Lost

President Fawcett, with obvious sadness and deep concern, reported on the tragic fire which occurred in Lincoln Tower on May 22 which caused the death of two students from smoke inhalation. The President also reported on the fire in Morrill Tower on May 10. He reviewed in detail the investigative process which has been instituted under the direction of the Ohio State Fire Marshal with various other agencies cooperating. The President reported further that the investigation has culminated in the arrest of the suspected arsonist. He indicated that agencies involved in the investigation are in the process of drafting a full report of the findings which report will be presented to the Board of Trustees and released for public information. A copy of the President's statement is filed with the official records of the Board of Trustees.

June 13, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Report on Fires in Lincoln and Morrill Towers and Resolutions in Memoriam for Students Whose Lives Were Lost

Following the report on the fires, President Fawcett presented the following Resolutions in Memoriam for the two students whose lives were lost, and in accordance with the instructions of the Board of Trustees, copies of the resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be sent to the families of the deceased.

1. Retta Diane Foster

The Board of Trustees expresses its sorrow at the death on May 29, 1968, of Retta Diane Foster, a sophomore student in the Colleges of Arts and Sciences. Miss Foster lost her life as a result of the tragic fire in Lincoln Tower on May 22.

Retta Diane Foster was born in Halifax, England, on July 7, 1945. She was graduated from Cheyenne Mountain High School, Colorado Springs, Colorado, in 1963, attended Colorado Women's College, studied six months in Europe and attended Kent State University before entering The Ohio State University Autumn Quarter, 1967. In her three quarters Miss Foster performed well academically achieving a 3.0 cumulative point-hour ratio. She was a cooperative and loyal resident of Lincoln Tower and a member of Kappa Alpha Theta sorority.

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.

2. Pamela Sue Patterson

The Board of Trustees expresses its sorrow at the death on May 22, 1968, of Pamela Sue Patterson, a freshman student in the Colleges of Arts and Sciences. Miss Patterson was the victim of the tragic fire in Lincoln Tower on May 22, 1968.

Pamela Sue Patterson was born in Dayton, Ohio, on July 16, 1949, and was graduated from Milton Union High School in 1967. Miss Patterson entered The Ohio State University as a freshman Autumn Quarter, 1967, and was enrolled until the time of her death.

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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June 13, 1968 meeting, Board of Trustees

IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on May 17, 1968

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on May 17, 1968:

- (1) Awarded to The Ohio State University twelve Regents' Professorships for 1968-69 on behalf of the following members of the faculty:

Dr. Melvin S. Newman, Professor of Chemistry
Dr. Melville L. Wolfrom, Professor of Chemistry
Dr. Robert M. Zollinger, Professor of Surgery
Dr. Morgan L. Allison, Professor of Dental Surgery
Dr. John W. Black, Professor of Speech
Dr. Glenn Fry, Professor of Optometry
Dr. Oskar Seidlin, Professor of German
Dr. Clarence R. Cole, Professor of Veterinary Pathology
Dr. Mars G. Fontana, Professor of Metallurgical Engineering
Dr. Robert C. McMaster, Professor of Welding Engineering and Electrical Engineering
Dr. Harold Grimm, Professor of History
Dr. Richard D. Altick, Professor of English

The first ten Regents' Professors named above are renewals from 1967-68. Pursuant to the above action, The Ohio State University will receive a supplemental appropriation of State funds in the amount of \$120,000.00 to support the above Regents' Professorships.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above report was accepted by unanimous voice vote.

B. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History

The President stated,

As a result of certain alleged actions on the part of Dr. David E. Green, Assistant Professor of History, on April 5, 1968 and April 30, 1968, Dr. Charles L. Babcock, Dean of the College of Humanities, provided under University Rules a clear statement of allegations of misconduct on the part of Dr. Green and I, acting under Rule 21.07, requested the Faculty Advisory Committee to activate hearing procedures and report to me in accordance with Section 2 of Rule 21.07.

The Hearing Committee proceeded in accordance with my request and has just completed a long series of hearings designed to enable the Committee to develop findings of fact and to make appropriate recommendations.

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History (continued)

I am advised by the Hearing Committee that because of the extra load of work at the end of the Quarter, it has not been possible to take all of the steps that are required under our Rules in time to make its report to me for such action as is required prior to this meeting. It is expected that the Committee report will be in my hands within the next two weeks and I will, therefore, have a specific recommendation at the July meeting. In the meantime, Professor Green's contract for 1968-69 has not been included in the list of those contracts covered in the 1968-69 budget presentation. Action on his contract will be postponed until the Committee report has been received and until there can be time to analyze the report and make an appropriate recommendation to the Board, which will come on July 11, 1968.

C. Progress Report on University Hall

President Fawcett presented the following report:

Following Vice President Carson's report to this Board on May 9, 1968, on the need to abandon the North Wing of the Building in which the auditorium, classrooms and offices are located, and in accordance with the action taken by this Board at the same meeting which instructed the University administrative officials to move toward the abandonment of the facility as soon as such abandonment could be conveniently arranged, the following steps have been taken:

1. On May 17, 1968, an application in the amount of \$3,000,000 was filed with the Emergency Board and the Controlling Board of the State of Ohio. The application is for a structure containing 78,000 square feet to replace the North Wing of the Building. To date no action has been taken by the Controlling Board and the Emergency Board on this application, but we hope to have a response to it in a relatively short period of time.
2. The South Section or the original portion of the Building, while in need of extensive repair, can be continued in service for a very short period of time but will need to be either reconstructed in accordance with the recommendation of the University Hall Committee or replaced as a part of a totally new structure.

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Progress Report on University Hall (continued)

3. I have approached the Development Fund Board with the idea in mind of suggesting a capital funds campaign of sufficient magnitude to do whatever is required to replace the building. This Board is awaiting a reading from The Ohio State University Association Board since a half of its membership comes from The Ohio State University Association. This meeting took place on May 10, 1968.
4. I next met with the Alumni Advisory Board on the morning of May 25, 1968, to discuss the matter further. Dr. Richard Mall, Director of Alumni Affairs, reports to me that The Ohio State University Association Board discussed this problem generally, but has not yet reached a position of making a firm recommendation to its representatives on the Development Fund Board.

I will continue to go through all of the appropriate channels in an effort to develop funding for this structure which is so critically needed to house the basic education departments in the areas of humanities and the social sciences.

Mr. Shocknessy expressed his apprehension regarding the deteriorating condition of University Hall and voiced the opinion that the building is "disaster prone." He then moved the adoption of the following resolution:

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

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

- (1) implement at the earliest possible date the abandonment of University Hall as authorized by this Board of Trustees in action taken on May 9, 1968;
- (2) execute the demolition of the building following its evacuation; and
- (3) proceed with the development of plans and specifications for funding and constructing a building which will replace the critically needed

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Progress Report on University Hall (continued)

academic space for the several basic education departments now housed in University Hall at the earliest possible moment.

Mr. Jones seconded the motion, and the Board of Trustees adopted the above resolution by unanimous roll call vote.

D. Report on Admission of Freshman Honor Scholars for 1968-1969

President Fawcett stated that he had received from the Vice President for Educational Services a report that "353 high school graduates who have been designated Ohio State Freshman Honor Scholars have indicated their intention of enrolling in the University in either the Summer or Autumn Quarter."

He further reported that this is an increase of approximately one-third over the number of honor scholars who had indicated their intention to enroll in the University at this time a year ago. The designation of Freshman Honor Scholar is earned by a high school senior who ranks in the upper 3 per cent of his high school graduating class and who scores in the upper 5 per cent of college-bound seniors nationally on the American College Test.

Of the 353 students, 106 ranked first in their respective graduating classes at the time of admission, while 105 ranked either second or third. The 329 who came from Ohio represent 73 of the state's 88 counties. Another 24 will come from 15 states, with Pennsylvania sending four and West Virginia three.

E. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1968

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

RESOLUTION PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$1,700,000 PARKING SYSTEM REVENUE NOTES, SERIES 1968, FOR THE PURPOSE OF REFUNDING \$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 \$1,000,000, PRINCIPAL AMOUNT, FOR THE PURPOSE OF PAYING AN ADDITIONAL PART OF SUCH COSTS

IX. REPORTS (continued)

E. 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 1968 (continued)

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 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

IX. REPORTS (continued)

E. 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 1968 (continued)

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 8, 1967, provided for the issuance of \$700,000 Parking System Revenue Notes of the University, and pursuant to said June 8, 1967 Resolution, there has been issued and delivered \$700,000 Parking System Revenue Notes to provide interim construction financing to pay part of the cost of the Project which is presently under construction, which notes mature on June 29, 1968; and

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 \$700,000 Parking System Revenue Notes dated June 29, 1967, as authorized by said June 8, 1967 Resolution and that it is further necessary to issue notes to pay additional interim construction costs in the principal amount of \$1,000,000, prior to the issuance and delivery of said Series A Bonds; 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:

Original Purchaser (herein referred to as such)	Principal Amount	Interest Rate
The Huntington National Bank	\$1,000,000	4.0%
The City National Bank & Trust Co.	200,000	4.395%
	500,000	4.445%

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

E. 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 1968 (continued)

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

Section 1. It is hereby declared 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 \$700,000 The Ohio State University Parking System Revenue Notes dated June 29, 1967 and issued and delivered to pay part of the costs of the Project and for the purpose of paying an additional 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; and (b) the proceeds of the sale of parking system revenue bonds or notes of the University to be issued pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provisions of law; 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 note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

Section 3. Said notes shall be designated "Parking System Notes, Series 1968," shall be dated June 28, 1968, and shall mature June 27, 1969. Said notes shall bear interest at the rates indicated in Section 4 of this resolution, 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

IX. REPORTS (continued)

E. 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 1968 (continued)

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 Appendix IX, page 795, the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes in coupon form 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.

Section 4. Said notes are hereby awarded as follows in accordance with their aforesaid proposal and this resolution:

Original Purchaser	Principal Amount	Interest Rate
The Huntington National Bank	\$1,000,000	4.0%
The City National Bank & Trust Company	200,000	4.395%
	500,000	4.445%

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 part of the proceeds of the 1968 Notes promptly to the payment and discharge of the outstanding note dated June 29, 1967 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 and as to the balance, he is authorized to deposit the balance of the proceeds of the notes in the Construction Fund established under the provisions of the Bond Resolution and to apply and invest the moneys therein as provided in the Bond Resolution.

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

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

F. Report on the University's Investment Portfolio

The report dated June 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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Thereupon the Board adjourned to meet Thursday, July 11, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John G. Ketterer
Acting Chairman

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APPENDIX IX

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1968

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1968

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 _____ or order, the principal sum of

DOLLARS

one year from date hereof, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, with interest thereon from the date hereof at the rate of _____ per cent (_____ %) per annum, payable _____. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of _____ of _____ upon presentation and surrender of this note. The principal and interest 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; and (b) the proceeds of the sale of parking system revenue bonds or notes issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law; 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. 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.

The note is issued for the purpose of refunding \$700,000 principal amount of The Ohio State University Parking System Revenue Note dated June 29, 1967, and for the purpose of paying an additional 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 13th day of June, 1968.

The Ohio State University Parking System Revenue Note, Series 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 parking system revenue bonds or notes for the refunding of this note, pursuant to Section 3345.11 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 28th day of June, 1968.

Attest:

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

Secretary of the Board of Trustees

By _____
Vice President, Business and Finance
of The Ohio State University

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