

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

COLUMBUS

July 1, 1964 to June 30, 1965

1964-1965

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
SMITH L. RAIRDON, Toledo.....	May 14, 1958	May 13, 1965
ALAN B. LOOP, Toledo.....	July 23, 1959	May 13, 1966
JACOB E. DAVIS, Cincinnati.....	February 6, 1961	May 13, 1967
STANLEY C. ALLYN, <sup>1</sup> Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, <sup>2</sup> Columbus.....	May 14, 1962	May 13, 1969
CARLTON S. DARGUSCH, <sup>3</sup> Columbus.....	May 14, 1963	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.....	May 14, 1964	May 13, 1973

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

<sup>2</sup> Served two previous terms (1948-1962)

<sup>3</sup> Served three previous terms (1938-1959)

OFFICERS

1964-1965

SMITH L. RAIRDON, *Chairman*

ALAN B. LOOP, *Vice Chairman*

JOHN T. MOUNT, *Secretary*

GORDON B. CARSON, *Treasurer*

President Fawcett presented Dr. John C. Weaver, Vice President for Instruction and Dean of Faculties, whose appointment became effective July 1, 1964.

Mr. Rairdon, Chairman of the Board, responded by extending a warm welcome to Dr. Weaver, and he expressed sincere best wishes for abundant success and great happiness as one of the principal administrative officers of The Ohio State University.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Honorary Degrees

The Faculty Council on June 9, 1964, recommended that the honorary degree, Doctor of Science, be conferred on:

George Edwin Mueller

and also the honorary degree, Doctor of Humane Letters, be conferred on:

Joseph John Spengler

It is therefore recommended that the Board of Trustees approve the Faculty Council recommendation and that these degrees be awarded at one of the Commencement Convocations during the academic year 1964-65.

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

B. Degrees Conferred - Summer Quarter Commencement Convocation

It is recommended that degrees be conferred at the Summer Quarter Commencement Convocation on August 28, 1964, to those students who have completed requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix I, page 45.)

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

I. GENERAL RECOMMENDATIONS (continued)

C. Modifications of Campus Master Plan

The Board of Trustees on February 16, 1962, adopted a master plan for the future development of the campus by approving the "Report of the President on the 'Campus Planning Study--Phase II.'" This plan was later modified at the May 18, 1962 meeting of the Board of Trustees.

At the time of adopting the master plan, the Board of Trustees anticipated the need for modification from time to time and established certain principles and concepts to govern such modifications.

There is submitted herewith a revised map to replace the maps on pages 15 and 55 of the report entitled "Campus Planning Study--Phase II," which was received and made a matter of record on December 12, 1961. This revised map incorporates the results of the Medical Area Restudy authorized by the Board of Trustees on November 15, 1963, and of other supplementary studies conducted by the Office of Campus Planning. All of the changes are consistent with principles and concepts approved on February 16, 1962.

It is recommended that the Board of Trustees now approve the master plan changes as depicted on the attached map, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the attached map be reaffirmed, and that a copy of the attached map be filed by the Secretary with the "Campus Planning Study--Phase II" report submitted on December 12, 1961.

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the above recommendation was approved by a unanimous roll call vote.

D. Establishment of Rates for Visitor Pay Parking Lots

Upon the request of the Vice President for Business and Finance, and with the concurrence of the Commission on Traffic and Parking, it is recommended that the action taken by the Board of Trustees on September 7, 1962, relative to rates for pay parking lots on campus be revised and that the following proposed rate schedule for Mershon Parking Garage, East Baker Hall Parking Lot, and Medical Center Parking Lot be approved effective September 14, 1964:

	<u>Present Rates</u>	<u>Proposed Rates</u>
First hour	\$ .20	\$ .20
Second hour	.15	.15
Third hour	.10	.10
Each additional hour	.05	.10
Special event	.50	.50
Maximum charge any 24-hour period		1.00

Upon motion of Mr. Dargusch, seconded by Mr. Davis, the above schedule of rates as proposed was approved by unanimous roll call vote, and the Secretary was instructed to include the new schedule in the "Motor Vehicle, Traffic and Parking Regulations of The Ohio State University."



I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Building - "Dennis House" (Student Housing Building No. 13)

Upon the recommendation of Mr. Frederick Stecker, Executive Director for University Relations, it is proposed that the student housing facility to be erected in the North Dormitory Area near North High Street and West Frambes Avenue, now identified as Building No. 13, be named "Dennis House" in memory of James W. Dennis, B.Sc. Bus. Adm. 1937, who was killed while serving in the Air Corps of the U. S. Army in World War II.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees. It is hereby recommended for your approval.

Upon motion of Mr. Dargusch, seconded by Mr. Davis, the Board of Trustees by a unanimous roll call vote approved the naming of Student Housing Building No. 13 as "Dennis House."

F. Increase of Student Application Fee and Establishment of Orientation and Registration Fee

To meet the increasing need for providing improved, efficient, and effective services in the areas of admission, orientation, and registration for the expanding student population, it is recommended with the concurrence of the President's Cabinet and the Deans of the Colleges that:

- a. The non-refundable Application Fee be increased from \$5.00 to \$10.00 for all applicants who apply for admission to the University.
- b. A non-refundable Orientation and Registration Fee in the amount of \$25.00 be assessed all students enrolling for the first time in The Ohio State University in one of the undergraduate collegiate programs. This fee is to replace the present Orientation Fee (\$5.00 - approved by the Board of Trustees on May 9, 1958), and the Matriculation Fee (approved by the Board of Trustees February 20, 1920 in the amount of \$10.00 and increased to \$15.00 by the Board on April 6, 1934.) The Orientation and Registration Fee is to be paid within three weeks following notification of official admission, in all cases prior to orientation, or within two weeks prior to the final date for registration.
- c. A non-refundable Registration Fee in the amount of \$15.00 be assessed all students enrolling for the first time in one of the professional colleges or the Graduate School of The Ohio State University. Payment is to be made at the time the schedule cards are requested.

July 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Increase of Student Application Fee and Establishment of Orientation and Registration Fee (continued)

- d. A deposit of \$50.00 be assessed all students admitted to the Colleges of Dentistry and Medicine and to be paid within two weeks of notification of approval for admission. The \$50.00 will be applied to the student's first quarter fees when he enrolls. If the applicant cancels his admission, the \$50.00 will be refunded if requested by the applicant on or before the date properly established and announced by the respective colleges.

It is further recommended that each of the above recommendations become effective Summer Quarter 1965.

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

G. Demolition of Buildings in Medical Center Area

Pursuant to the action of the Board of Trustees on December 13, 1963, the University is currently acquiring land west of Neil Avenue and north of West Ninth Avenue. This land is to be cleared for the construction of new buildings for the College of Medicine. It is proposed that the buildings on these properties be demolished as acquired.

It is therefore recommended that authority be granted to demolish any and all structures on lots that must be cleared for the construction of new medical facilities west of Neil Avenue and north of West Ninth Avenue. The demolition in each case shall be scheduled at the discretion of the Vice President for Business and Finance, subject to approval by Cabinet.

All demolition of these buildings will be advertised in the usual manner.

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the above recommendation was approved unanimously by roll call vote.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the June 5, 1964 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Henry G. Cramblett, Professor, Pediatrics, effective July 1, 1964, at a salary of \$20,568.00 per annum.

July 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

J. Bruce Griffing, Professor, Zoology and Entomology, effective February 1, 1965, at a salary of \$20,268.00 per annum.

Andrew J. Wann, Director of Labor Education and Research Service, College of Commerce and Administration, effective July 1, 1964, at a salary of \$15,168.00 per annum. (Dr. Wann will also receive a special appointment as an Adjunct Professor in the Department of Economics.)

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 is recommended for Leave of Absence With Salary from the Agricultural Extension Service for the period indicated.

Thomas L. Riley, Instructor (County Extension Agent, Agricultural) Cuyahoga County, effective August 1, 1964 through January 31, 1965, to study at the University of Chicago.

C. Leaves of Absence Without Salary

Robert F. Baker, Professor, Civil Engineering, July 1, 1964 through June 30, 1965, to continue to serve as Director of Research for the United States Bureau of Public Roads.

Paul D. Carrington, Professor, College of Law, January 1, 1965 through June 30, 1965, to accept a Visiting Professorship at the University of Michigan.

G. Diran Bodenhorn, Professor, Economics, October 1, 1964 through September 30, 1965, to teach at the University of Ibadan, Ibadan, Nigeria.

William D. Gray, Professor, Botany and Plant Pathology, October 1, 1964 through September 30, 1965, for study and research at Southern Illinois University, Carbondale, Illinois.

John D. Lee, Professor, Aeronautical and Astronautical Engineering, July 1, 1964 through August 31, 1964, to work at the Sandia Laboratory.

Thomas J. Burns, Associate Professor, Accounting, October 1, 1964 through December 31, 1964, to accept a Visiting Professorship at Stanford University.

Russell R. Dynes, Associate Professor, Sociology and Anthropology, October 1, 1964 through September 30, 1965, to accept a Fulbright grant in Egypt.

July 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Leonard W. Kitts, Assistant Professor, School of Art, October 1, 1964 through September 30, 1965, to accept a Visiting Professorship at Dartmouth College, Hanover, New Hampshire.

Richard L. Leshner, Assistant Professor, Business Organization, October 1, 1964 through September 30, 1965, to accept a position with the National Aeronautics and Space Administration in the Office of Technology Utilization and Policy Planning.

Reva L. Messier, Assistant Professor (part time - 51%), School of Home Economics, October 1, 1964 through September 30, 1965, due to ill health.

Carter L. Olson, Assistant Professor, College of Pharmacy, July 1, 1964 through August 31, 1964, to engage in research at the Upjohn Company, Kalamazoo, Michigan.

Frances Shapiro, Assistant Professor, October 1, 1964 through September 30, 1965, due to ill health.

Donald E. Barrick, Instructor (part time - 50%), Electrical Engineering, October 1, 1964 through September 30, 1965, to participate in an engineering and communications exhibit sponsored by the USIA of the U. S. State Department.

Ronald I. Boss, Instructor, History, October 1, 1964 through September 30, 1965, to work on his Ph.D. degree.

J. William Gillette, Instructor, History, October 1, 1964 through September 30, 1965, to complete writing a book.

Margaret A. Goode, Instructor, School of Nursing, July 1, 1964 through August 31, 1964, due to ill health.

Leon W. Linton, Instructor-Coordinator, Education, July 8, 1964 through August 6, 1964, to complete course work for his Master's degree at Oklahoma State University.

D. Emeritus Titles

Brewton Berry, Sociology and Anthropology, with the title Professor Emeritus, effective September 1, 1964.

Frederic W. Heimberger, Political Science, with the title Professor Emeritus, effective July 1, 1964.

Eleanor Anawalt, School of Music, with the title Associate Professor Emeritus, effective July 1, 1964.

Frieda M. Heller, University School, with the title Associate Professor Emeritus, effective August 1, 1964.

II. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Richard T. Stevens, Economics, with the title Assistant Professor Emeritus, effective September 1, 1964.

Upon motion of Mr. Davis, seconded by Mr. Jones, the Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Navy, Office of Naval Research, Washington, D. C., for Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #9 - Defense Management Center).  
Gross Value - \$7,185.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Isolation and Identification of RH<sub>0</sub>(D) Antigen (to be known as National Institutes of Health Project No. 1299 - Ext. #3 - Department of Microbiology).  
Gross Value - \$13,680.00.
- c. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, to Measure Theoretical Foundations of Surface Area Theory (to be known as U. S. Army Research Office - Durham Project No. 1437 - Sup. #2 - Department of Mathematics).  
Gross Value - \$22,582.00.
- d. National Aeronautical and Space Administration, Washington, D. C., for Biological Effects of Prolonged Exposure of Animals to Unusual Gaseous Environments (to be known as National Aeronautical and Space Administration Project No. 1492 - Sup. #1 - Department of Physiology).  
Gross Value - \$90,000.00.

July 17, 1964 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)

- e. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for The Development of Packaged Programs Designed to Enable Groups of Teachers to Carry on Their Own In-Service Audiovisual Instructional Programs (to be known as Office of Education Project No. 1683 - Sup. #2 - Bureau of Educational Research and Service).  
Gross Value - \$10,139.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Response of Splenectomized Monkeys to Infection (to be known as National Institutes of Health Project No. 1687 - Ext. #1 - Departments of Medicine and Microbiology).  
Gross Value - \$25,867.00.
- g. National Science Foundation, Washington, D. C., for Nuclear Structure Research With a 5.5 MeV Electrostatic Accelerator (to be known as National Science Foundation Project No. 1743 - Amend. #1 - Department of Physics).  
Gross Value - \$105,400.00.
- h. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Measurement of Stagnation Point Heat Transfer in High Enthalpy Gas Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1829 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$34,906.00.
- i. National Science Foundation, Washington, D. C., for an Investigation of Solubility and Diffusivity of Oxygen in Solid Copper (to be known as National Science Foundation Project No. 1844 - New - Department of Metallurgical Engineering).  
Gross Value - \$21,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - New - Department of Pathology).  
Gross Value - \$29,325.00.
- k. National Science Foundation, Washington, D. C., for an Investigation of Geochronology of the Keweenawan Rocks of Michigan and Origin of the Copper Deposits (to be known as National Science Foundation Project No. 1847 - New - Department of Geology).  
Gross Value - \$16,800.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- l. National Science Foundation, Washington, D. C., for an Investigation of Spectroscopy of High-Temperature Gases With Luminous Shock Tube (to be known as National Science Foundation Project No. 1848 - New - Department of Astronomy).  
Gross Value - \$28,200.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Urinary Cytology in Cancer of the Urinary Bladder (to be known as National Institutes of Health Project No. 1849 - New - Department of Pathology).  
Gross Value - \$16,415.00.
- n. National Science Foundation, Washington, D. C., for Research Initiation - Laser Spectroscopy (to be known as National Science Foundation Project No. 1850 - New - Department of Electrical Engineering).  
Gross Value - \$10,000.00.
- o. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Initial Stages of Oxidation of Metals (to be known as U. S. Army Research Office - Durham Project No. 1851 - New - Department of Metallurgical Engineering).  
Gross Value - \$19,250.00.
- p. Aerospace Medical Division, AFSC, Brooks Air Force Base, Texas, for Research on Visual Recovery from Brief Exposures to Very High Luminance Levels (to be known as Aerospace Medical Division, Brooks Air Force Base Project No. 1852 - New - School of Optometry).  
Gross Value - \$39,691.00.
- q. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for Emission and Absorption Studies in the Infrared (1-40 Microns) (to be known as U. S. Army Research Office - Durham Project No. 1853 - New - Department of Physics).  
Gross Value - \$21,997.00.
- r. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Polygroupoids (to be known as U. S. Army Research Office - Durham Project No. 1854 - New - Department of Mathematics).  
Gross Value - \$5,436.00.

July 17, 1964 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)

- s. National Science Foundation, Washington, D. C., for an Investigation of Synthesis of Highly Hindered Compounds and Cyclic Ketones (to be known as National Science Foundation Project No. 1855 - New - Department of Chemistry).  
Gross Value - \$42,600.00.
- t. U. S. Army Medical R&D Command, Office of the Surgeon General, Washington, D. C., for an Investigation of Effects of Vibration, Noise and Task Complexity on Performance in Rotary Wing and Fixed Wing Aircraft (to be known as Office of the Surgeon General Project No. 1857 - New - Department of Preventive Medicine).  
Gross Value - \$64,568.00.
- u. National Aeronautics and Space Administration, Washington, D. C., for Determination of Minimum Concentrations of Environmental Water Capable of Supporting Life (to be known as National Aeronautics and Space Administration Project No. 1858 - New - Department of Zoology and Entomology).  
Gross Value - \$69,805.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, To Conduct Studies of Oral Stereognosis in Normal, Blind and Deaf Subjects (to be known as National Institutes of Health Project No. 1860 - New - Department of Speech).  
Gross Value - \$10,550.00.
- w. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861 - New - Department of Surgery).  
Gross Value - \$63,463.00.
- x. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - New - RF Internal Supervision).  
Gross Value - \$50,000.00.
- y. National Aeronautics and Space Administration, Washington, D. C., for Experimental and Theoretical Investigation of the Rheological Properties of Materials (to be known as National Aeronautics and Space Administration Project No. 1863 - New - Department of Chemical Engineering).  
Gross Value - \$20,016.00.



July 17, 1964 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)

2. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Interaction of Ions With Boundary Layer (to be known as U. S. Army Research Office - Durham Project No. 1864 - New - Department of Mechanical Engineering).  
Gross Value - \$117,303.00.
- aa. Department of State, Agency for International Development, Washington, D. C., for an 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 - New - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$155,306.00.

TOTAL - Government Contracts - Federal \$1,111,484.00

2. Industrial and Other Contracts

- a. Health Research, Inc., Roswell Park Division, 666 Elm Street, Buffalo 3, New York, for Lung Cancer Study (to be known as Health Research, Inc. Project No. 1358 - Ck. #004096 - Department of Surgery).  
Gross Value - \$1,025.00.
- b. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Development of an Implantable Mechanical Heart (to be known as Central Ohio Heart Association Project No. 1846 - New - Department of Surgery).  
Gross Value - \$3,412.50.

TOTAL - Industrial and Other Contracts \$4,437.50

The foregoing twenty-nine contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,115,921.50.

Upon motion of Mr. Davis, 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 consent.

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

During the period from May 25, 1964 through June 30, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

July 17, 1964 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-227 Ext. #1	Sensing and Communications Between Vehicles (Phase II), National Academy of Sciences, Washington 25, D. C. Gross Value - \$74,940.00.
EES-236 Ext. #2	Comparative Studies on Corrugated Metal Culvert Pipes, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$8,940.00.
EES-249	A Professional Review of City and Regional Planning Under the Local Planning Assistance Program, Develop- ment Department, State of Ohio, Columbus, Ohio 43215. Gross Value - \$5,550.00.
SC-38	Fallout Shelter and Structural Dynamics Short Course, Office of Civil Defense, Architectural and Engineering Division, Department of Defense, Washington, D. C. Gross Value - \$13,842.00.

TOTAL - Government Research Contracts \$103,272.00

2. Industrial Research Contract

EES-243	A Study of Brake Lining Characteristics to Develop Quality Control Tests, Ford Motor Company, Engineer- ing and Research Staff, Dearborn, Michigan 48121. Gross Value - \$24,000.00.
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The foregoing five contracts for research in the Engineering Experiment Station represent a gross income of \$127,272.00.

C. Agreement Between the College of Medicine of  
The Ohio State University and Grant Hospital  
for an Affiliate Teaching Program

To enhance the instructional program for medical students, the Dean of the College of Medicine has proposed that an agreement be executed between Grant Hospital and the College of Medicine of The Ohio State University, whereby medical students in their clinical years will be given an opportunity to gain experiences in the care and treatment of patients at Grant Hospital.

The Board of Trustees of Grant Hospital has indicated its willingness to participate in an affiliate teaching program, and it is therefore recom-  
mended that the President be authorized to sign such an agreement on behalf

July 17, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between the College of Medicine of  
The Ohio State University and Grant Hospital  
for an Affiliate Teaching Program (continued)

of the University with the understanding that there is no financial obligation on the part of the University and that the said agreement begin Summer Quarter 1964.

Upon motion of Mr. Dargusch, seconded by Mr. Jones, the Board of Trustees by unanimous roll call vote authorized the President to sign an agreement between the College of Medicine of The Ohio State University and Grant Hospital for an affiliate teaching program.

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

It is 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 1964-65 and that 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 Education  
Guidance Services

It is 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. Davis, seconded by Mr. Dargusch, the above recommendations were approved unanimously by roll call vote.

E. Children's Hospital Research Facility (Ross Hall) and the College of  
Medicine of The Ohio State University - Termination of Lease

On September 8, 1961, the Board of Trustees authorized a lease based on a nominal fee of one dollar per year with Children's Hospital research facility located in Ross Hall of the Children's Hospital complex. By mutual agreement, it is now proposed that the original lease agreement between The Ohio State University and Children's Hospital concerning this research facility in Ross Hall be terminated and that the administration of Ross Hall be returned to the responsibility of Children's Hospital.

It is the desire of the Board of Trustees of Children's Hospital to enlarge its research facility and administer its own research programs, and the Board of Trustees of Children's Hospital has proposed the termination of the lease. Therefore, with the concurrence of Dr. Richard L. Meiling,

July 17, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

E. Children's Hospital Research Facility (Ross Hall) and the College of Medicine of The Ohio State University - Termination of Lease (continued)

Dean of the College of Medicine, and Dr. Alfred B. Garrett, Vice President for Research, it is recommended that the Board of Trustees of The Ohio State University concur in this action.

Upon motion of Mr. Jones, seconded by Mr. Davis, the Board of Trustees by unanimous roll call vote approved the recommendation to terminate the lease with Children's Hospital which is identified above.

F. Authorization to Sign Agreement Between The Ohio State University and the Federal Aviation Agency for Improvement of The Ohio State University Airport

The Board of Trustees on July 12, 1963, approved the plans and specifications for the project which "provides for the extension of the East-West Runway to 5,000 feet in length, the completion of the North-West, South-East Runway and necessary taxiways" with the understanding that the costs for the project are to be shared with the Federal Aviation Agency. By authority of the Board, an application for a grant from the FAA was made, bids on the project have been received, and a grant agreement has been prepared in consultation with the Office of the Attorney General of Ohio for acceptance.

It is therefore recommended that Novice G. Fawcett, President of The Ohio State University, be authorized and directed to execute the said grant agreement on behalf of the Board of Trustees provided the grant offer is not less than \$166,692.00. The said grant agreement, attached hereto and made a part hereof, is in accord with the action of the Board of Trustees on February 15, 1963, concerning the purposes for the University Airport.

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

Federal Aviation Agency

GRANT AGREEMENT

Part 1 - Offer

Date of Offer

Ohio State University                      Airport

Project No. 9-33-044-01

Contract No. FA-EA-545

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

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

July 17, 1964 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated November 18, 1963, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

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

Land acquisition, consisting of fee simple title free and clear of exceptions and encumbrances objectionable to the FAA in and to Parcels 13, 24 and 25 as shown on the property map Exhibit "A"; extend Runway 9-27 (2000'); extend runway lights and relocate threshold lights both ends of Runway 9-27; construct taxiway to west end of Runway 9-27 extended; construct taxiway extension to east end of Runway 9-27; extend Runway 14-32 (700')

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 District Airport Engineer, FAA, Eastern Region, Columbus, Ohio, on April 10, 1964, all of which are hereby incorporated herein by reference and made a part hereof;

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 percent 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 \$
2. The Sponsor shall:
  - (a) begin accomplishment of the Project within ninety days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";

July 17, 1964 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

- (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57-151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: Provided, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.
5. The Sponsor shall operate and maintain the Airport as Provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before June 30, 1964, or such subsequent date as may be prescribed in writing by the FAA.
8. 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.
9. The Sponsor's financial records of the project will be 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) and will be made available, also, to representatives of the Comptroller General of the United States.

Federal Aviation Agency - Grant Agreement (continued)

10. Pursuant to Paragraph 9, Part III of the Project Application dated November 18, 1963, the Sponsor hereby covenants and agrees to furnish the Federal Government without cost, within four months after written request therefor, such lease, easement or license for a period not to exceed 25 years in such lands or buildings as are deemed necessary by FAA for the construction and operation on the airport of the structures or facilities set forth below, provided the respective areas of land and/or buildings deemed adequate by FAA for such purposes are available without the necessity for removing or relocating other facilities and are within the geographic boundaries of the airport at the time request therefor is made by the FAA; together with rights of ready access in and to such areas or buildings for construction, occupancy and use and the right to connect to existing utilities and to be furnished the utility services required to the extent of available capacity at no more than prevailing rates. The facilities or structures involved and the maximum area of land, or rights in buildings, the Sponsor is obligated to furnish for each are as follows:

Air traffic control tower - approximately one acre.

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 Sponsor, prior to any northwesterly extension of Runway 14, will acquire, with or without Federal aid, property interests satisfactory to the FAA in the clear zone as delineated in the said Master Plan.

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)  
Director, Eastern Region

July 17, 1964 meeting, Board of Trustees

Federal Aviation Agency - Grant Agreement (continued)

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 \_\_\_\_\_ day of \_\_\_\_\_, 1964.

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

By \_\_\_\_\_

(SEAL)

Title President

Attest: \_\_\_\_\_

Title: Secretary

CERTIFICATE OF SPONSOR'S ATTORNEY

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

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

Dated at Columbus, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_, 1964.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of certain scholarship and memorial funds, are hereby reported for the record and appropriate expressions of appreciation have been conveyed:

A. Administered Through the Office of Business and Finance

1. \$113,615.00 granted by the National Science Foundation to the University for "Institutional Grants for Science, 1964." (Grant GU-935)
2. \$103,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Graduate Training Program in Veterinary Pathology," under the direction of Dr. Clarence R. Cole, Department of Veterinary Pathology, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 GM 1052-02)
3. \$102,125.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Training Grant - Otolaryngology and Audiology," under the direction of Dr. William H. Saunders, Department of Otolaryngology, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 NB 5397-02 and 5397-02S1)
4. \$80,193.00 additional grant from the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period January 1, 1964 through December 31, 1964. (Grant 1 S01 FR-05409-01)
5. \$34,695.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Undergraduate Training," under the direction of Dr. John R. Wilson, College of Dentistry, for the period July 1, 1964 through June 30, 1965. (Grant 5 T2 DH 5044-03)
6. \$32,900.00 granted by the Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C. 20201, to the University for "Training - Food Technology and Nutrition," under the direction of Dr. Ralph M. Johnson, Institute of Nutrition and Food Technology, for the period July 1, 1964 through June 30, 1965. (Grant 8 T1 ES 17-04 - Formerly GM 752-03)
7. \$30,898.00 granted by the U. S. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Undergraduate Training - Psychiatry," under the direction of Dr. Ralph M. Patterson, Department of Psychiatry, for the period July 1, 1964 through June 30, 1965. (Grant 5 T2 MH-5924-14)

July 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$22,680.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Graduate Training Program in Biochemistry," under the direction of Dr. F. E. Deatherage, Department of Agricultural Biochemistry, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 GM 513-04)
9. \$19,136.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Graduate Training Program in Microbiology and Immunology," under the direction of Dr. M. S. Rheins, Acting Chairman of the Department of Microbiology, for the period July 1, 1964 through June 30, 1965. (Grant 2 T1 GM 705-04)
10. \$15,552.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Graduate Training Program in Experimental Pathology," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 GM 1062-02)
11. \$15,502.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Career Development - 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, 1964 through June 30, 1965. (Grant 6 K3 HD-22,534-01A1)
12. \$7,350.00 additional grant from National Science Foundation to the University for support of an "Academic Year Institute in Science and Mathematics for Secondary School and College Teachers of Science and Mathematics," under the direction of Dr. John S. Richardson, Department of Education. (GE-3388)
13. \$5,795.00 additional grant from the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, Dean of the College of Veterinary Medicine, for the period January 1, 1964 through December 31, 1964. (Grant 1 S01 FR-05463-01)
14. \$3,660.00 additional grant from the Vocational Rehabilitation Administration, Washington 25, D. C., to the University for support of "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1963 through August 31, 1964. (Grant VRA 222-T-64, Amendment Nos. 1, 2, 3, 4)

TOTAL - Through the Office of Business and Finance \$587,101.00

July 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$35,125.00 from the National Fund for Medical Education, Chicago, Illinois, for the College of Medicine.
2. \$21,447.00 from the Bell Telephone Laboratories to be deposited in their teaching and research fund administered by the College of Engineering.
3. \$10,000.00 from the Ohio Lions Eye Research Foundation, Columbus, Ohio, for research in the School of Optometry.
4. \$10,000.00 in securities (250 shares of McGraw-Edison Company common stock) from James W. Overstreet to be added to the fund for the construction of a new residence for the President.
5. \$5,000.00 from Wyeth Laboratories for the Wyeth Metabolism Fund.
6. \$3,344.82 from friends and associates of Robert E. Mathews for the Robert Elden Mathews Fund.

Robert Elden Mathews Fund

The Robert Elden Mathews Fund was established December 31, 1963, through transfer of funds to The Ohio State University Development Fund, to be invested according to rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates. The Fund honors Professor Robert Elden Mathews, whose retirement in 1964 brings to a close forty years of distinguished service to The Ohio State University. Creation of the Fund is the initiative of Harry J. Dworkin, '27, who with Clara Dworkin made the initial contribution. Supplementary contributions have come from many admirers of Robert Mathews - former students, University colleagues, leaders in labor arbitration, and members of the Section of Legal Education of the American Bar Association.

Professor Mathews is honored by providing in his name a lasting testimonial to his deep and abiding interest in the law students of many generations. Appropriately, therefore, the income from this Fund is to be used for the financial assistance of students in the College of Law under general policy norms adopted by the Faculty of the College of Law and administered through the College Office.

Should changed conditions ever bring a diminution or disappearance in the need for funds for the financial assistance of law students, then the Faculty of the College of Law, on recommendation of the Dean of the College, shall designate other objectives for which the income from this fund shall be used.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. Robert Elden Mathews Fund (continued)

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 purposes within the field of Law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

7. \$1,588.30 from the family, friends, and students and faculty of the College of Law for the Donald B. Becker Memorial Scholarship Fund.

Donald B. Becker Memorial Scholarship Fund

The Donald B. Becker Memorial Scholarship Fund was established through the Development Fund April 22, 1964, by the widow and parents of Donald B. Becker, a second-year law student who lost his life April 18, 1964, while in service with the United States Army Reserve. The original gift has been generously supplemented by contributions from students and faculty of the College of Law, from high school and college friends of Donald and Audrey Ekey Becker, and from friends and neighbors of his and her families. The principal is to be invested in accordance with rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

One of Donald Becker's admirable characteristics was his great concern for his fellow students, whether in high school, college, or law school. Responsive to this quality in him this Fund is created in his memory, the income to be available to the College of Law for the financial aid of a second-year law student or students.

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 purposes as closely analogous as possible to the original intent of the donors, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

8. \$1,165.86 from Livestock Loss Prevention Association of Ohio, Columbus, Ohio, for Continuing Education in Livestock Loss Prevention in the College of Agriculture and Home Economics and in the College of Veterinary Medicine.

July 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

9. \$1,000.00 from friends and former students of K. Y. Tang for the K. Y. Tang Memorial Fund.

K. Y. Tang Memorial Fund

The K. Y. Tang Memorial Fund was established June 22, 1964, by gifts through the Development Fund in memory of Dr. K. Y. Tang, former Professor in the Department of Electrical Engineering.

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

The income shall be used on recommendation of the Chairman of the Department of Electrical Engineering for such purposes as he may deem appropriate. The following criteria shall influence such expenditures but shall not be exclusive:

1. Incidental expenses associated with the electrical engineering research projects that apply to the medical field; e. g., cancer research.
2. Emergency loans to students.
3. Department memorials; e. g., plaques.
4. Incentive gifts to faculty members for special effectiveness in teaching.

Principal as well as income may be expended as long as the principal is not reduced below \$1,000.00.

In the event that the Department of Electrical Engineering, 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 purposes within the field of electrical engineering as recommended by the appropriate administrative official of the University then directly responsible for electrical engineering education at The Ohio State University.

10. \$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.
11. \$1,000.00 from Richard M. Ross--\$500.00 for the School of Art and \$500.00 for the Department of Dairy Technology.
12. \$1,000.00 from Herbert W. Salter, Sr., M.D., as the second payment on the Presidents Club commitment with the purpose to be designated later.

July 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

13. \$1,000.00 from Gordon Hildreth for Student Athlete Grant-in-Aid.
14. \$500.00 from Edwin M. Ellman for the Edwin M. Ellman Endowment Fund.

Edwin M. Ellman Endowment Fund

The Edwin M. Ellman Endowment Fund was established June 29, 1964, by a gift through the Development Fund from Edwin M. Ellman, Law '54.

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

Income from this Fund, as in the case of other similar funds, is to be used to provide financial assistance to law students, honoraria to visiting lecturers in the College of Law, and for any other purposes judged appropriate by the Dean of the College in consultation with the National Council of the College of Law Financial Aids Fund.

The right to approve invasion of the principal, but only for the exclusive benefit of the College of Law is retained by the donor during his lifetime and, on the occasion of donor's incapacity or death, by persons designated by him through either his will or his written instructions to The Ohio State University Development Fund.

Should need for the income and principal for the purposes specified disappear at any future time, then the Faculty of the College of Law, on recommendation of the Dean of the College, shall designate other objectives for which these monies shall be used.

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 purposes within the field of Law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

TOTAL - Through the Development Fund \$92,170.98

15. Establishment of The John C. Martin Fund.

The John C. Martin Fund

The John C. Martin Fund was established December 31, 1963, by a gift in the amount of \$11,200.00 (Reported in February 14, 1964 minutes) through the Development Fund from John C. Martin, B.Sc. Bus. Adm. '20.

July 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. The John C. Martin Fund (continued)

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

The income is to be used in the field of accounting, with this reservation only, that during the lifetime of said John C. Martin a recommendation may be made by him in any given year for a specific use of the income for that year, and if said recommendation is for an appropriate University purpose, the Board of Trustees may apply income for that year accordingly.

Upon motion of Mr. Jones, seconded by Mr. Davis, the above report of grants and gifts, including the establishment of certain memorial and scholarship funds, was accepted by unanimous 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 June, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,050	\$ 20,387.27
Individuals, other than alumni	260	1,873.95
Nonprofit organizations	49	65,378.18
Business concerns	27	25,305.89
	<u>1,386</u>	<u>\$112,945.29</u>

Of these gifts, 636 totaling \$5,157.75 were undesignated and 750 totaling \$107,787.54 were designated.

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V. APPROPRIATIONS 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 19999, University Treasurer General Fund.

Administrative expenses, costs of heat, light and power, and other overhead expenses on Research and Training Grants of the National Science Foundation, U. S. Department of Health, Education and Welfare, other Federal Agencies, and Corporation gifts for general University purposes for fiscal year 1963-64.

July 17, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

National Science Foundation

41005	Daunt - Physics	\$	852.42
41035	Smith - Electrical Engineering		145.06
41038	Richardson - Education		5,092.40
41044	Himes - Agronomy		92.40
41045	Parks - Pharmacy		1,337.27
41049	Riley - Physics		491.62
41054	Richardson - Education		2,374.88
41055	Riley - Physics		1,281.70
41056	Fisher - Mathematics		3,067.75
41057	Meek - Chemistry		826.70
41058	Lippincott - Chemistry		1,533.96
41059	Richardson - Education		1,904.81
41060	Spieker - Geology		1,627.00
41061	Yarrington - Engineering		926.85
41062	Bohning - Agriculture		1,103.11
41065	Lee - Engineering		2,060.73
	Total National Science Foundation	\$	<u>24,718.66</u>

U. S. Department of Health, Education and Welfare

42045	NIH Senior Fellowship - Weissler	\$	1,472.50
42071	NIH General Research Support - Meiling		33,630.23
42072	O. E. Academic Year - 1962-63 - Peters		18,508.00
42076	O. E. Summer Institute - Allen		8,527.00
42080	NIH Graduate Training Dentistry - Wilson		2,911.21
42081	NIH Graduate Training Physiological Psychology - Meyer		1,189.81
42082	NIH Graduate Training Clinical Psychology - Rotter		3,904.39
42083	NIH Graduate Training Social Work - Cornell		96.00
42084	NIH Graduate Training Psychiatric Social Work - Prince		1,854.70
42085	NIH Training - Medical Cardiology - Warren		4,132.27
42086	NIH Research and Career Development Award - Scarpelli		1,997.89
42087	NIH Graduate Training - Social Sciences - Sletto and Nagi		1,975.08
42088	NIH Graduate Training - Psychiatric Nursing - Harvey		474.00
42089	NIH Graduate Training - Hamwi		2,351.69
42092	NIH Career Development Award - Weissler		1,383.97
42093	NIH Graduate Training - Biochemistry - Deatherage		1,715.24
42094	NIH Graduate Training - Microbiology - Birkeland		936.55
42095	NIH Graduate Training - Nutrition and Food Technology - Johnson		2,765.60
42096	NIH Training - Infectious Diseases and Tropical Medicine - Wharton		799.27
42100	OVR Teaching and Training - Speech - Black		922.37



July 17, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

42103	NIH Undergraduate Training - Psychiatric Nursing - Newton	\$	916.00
42104	NIH Undergraduate Training - Psychiatry - Patterson		1,942.00
42105	NIH Cancer Training - Von Haam		1,579.44
42106	NIH Cancer Training - Dentistry - Wilson		387.24
42107	NIH Undergraduate Training - Dentistry - Wilson		1,748.00
42110	OVR Teaching and Training - Rehabilitation Medicine - Johnson		1,481.00
42111	OVR Teaching and Training - Physical Therapy - Woods		688.00
42114	O. E. Summer Institute - Allen		9,709.00
42122	NIH Graduate Training - Veterinary Pathology - Cole		556.15
42123	NIH Undergraduate Training - Clinical - Warren		1,312.58
42124	O. E. Summer Institute - Peters		4,049.00
42125	NIH Development Award - Hamlin		898.00
12864	O. E. Summer Institute - Peters		68.83
	Total U. S. Department of Health, Education and Welfare		<u>\$116,883.01</u>

Other Federal Agencies

43003	AID - Service Charge - India	\$	636.00
43007	AEC - Richardson		280.00
43017	Veterans Administration - 10%		96.38
43021	Educational Services Inc.		5,815.44
43026	AID - Africa		1,176.84
43030	AID - Africa - Commerce		1,948.15
43027	OASI - Rehabilitation Center		31,504.23
	Total Other Federal Agencies		<u>\$ 41,457.04</u>

Miscellaneous

31037	Continental Casualty Co.	\$	12,812.00
31076	A. E. Staley Co.		1,500.00
	Total Miscellaneous		<u>\$ 14,312.00</u>

Grand Total \$197,370.71

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the Board of Trustees by roll call vote approved unanimously the transfer of the above amounts to Account 19999, University Treasurer General Fund.

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriations for the Development of Research Project Facilities

At the request of the Vice President for Research, and with the concurrence of the Vice President for Business and Finance and the Cabinet, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated for the projects named:

\$12,108.00 to cover renovation of rooms in the Research Laboratory Building, 176 West Nineteenth Avenue, and provide research space for the Department of Obstetrics and Gynecology Subaccount (b)

\$10,000.00 for preparation of final plans and to seek bids on the second floor level of the Research Space - East Side of Stadium Subaccount (b)

\$6,500.00 for preparation of plans for a space communications building at the Saucer Field Facility Subaccount (b)

Upon motion of Mr. Davis, seconded by Mr. Jones, the above recommendation for appropriation of funds was approved unanimously by roll call vote.

C. Appropriation for Preparation of Plans for Laboratory Animals Facilities Center

At the request of the Vice President for Research, and with the concurrence of the Vice President for Business and Finance and the President's Cabinet, it is recommended that funds not to exceed \$9,500.00 be allocated from the University Treasurer Research Subaccount (b) for preparation of final building plans which are to be submitted as a proposal for Federal support with matching funds from the University for the Laboratory Animals Facilities Center.

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the Board of Trustees by a unanimous roll call vote approved the above appropriation of funds.

D. National Science Foundation Institutional Grant Funds

At the request of the Vice President for Research and with the concurrence of the President's Cabinet, it is recommended that National Science Foundation Institutional Grant funds in the amount of \$84,296.22 be used to meet a part of the commitment of funds to the High Energy Physics Program.

Upon motion of Mr. Davis, seconded by Mr. Jones, the above appropriation of funds was approved unanimously by roll call vote.

July 17, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

E. Appropriation for Membership in the Inter-University Consortium for Political Research

At the request of the Vice President for Research and with the concurrence of the President's Cabinet, it is recommended that The Ohio State University join the Inter-University Consortium for Political Research and that \$2,500.00 be allocated from the University Treasurer Research Subaccount (c) to cover the membership fee.

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the above appropriation of funds was approved by a three to one vote with Mr. Frederick E. Jones voting negatively.

F. Home Economics - Transfer of Funds

Upon the request of the Director of the School of Home Economics and with the concurrence of the Dean of the College of Agriculture and Home Economics, it is recommended that the sum of \$30,000.00 be transferred from Budget Account 86228 (Pomerene Refectory) to Budget Account 31311 (Home Economics General Rotary).

Upon motion of Mr. Davis, seconded by Mr. Jones, the transfer of funds from Budget Account 86228 to Budget Account 31311 was approved unanimously by roll call vote.

G. Newcomers Reception

Upon the recommendation of Mr. Frederick Stecker, Executive Director for University Relations, whose office is assigned the responsibility for planning the annual Newcomers Reception, and with the concurrence of the President's Cabinet, it is recommended that an amount not to exceed \$1,300.00 be appropriated from the University Treasurer General Fund for the purpose of defraying the expenses of this function, which will be held on Wednesday, October 7, 1964.

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

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Extra Orders to Contracts as outlined below be approved by the Board of Trustees and submitted to the Director of Finance, State of Ohio, for approval and allocation of funds as indicated.

VI. EXTRA ORDERS TO CONTRACTS (continued)

A. Housing for Metallurgical and Mineralogical Laboratories

General Contract

It is recommended that the following changes be made:

1. Provide Type "C" asphalt tile flooring in Rooms 42, 337C, 338, 338A, 340, 342, 343A, 343B, 345, 345A, 437, 439, and 445. Add \$1,154.00.
2. Omit the wire mesh partitions and doors as indicated on the drawings for the basement of the existing building. Deduct \$187.00.

Net Addition     \$ 967.00

Funds for this project are provided in Account 806, H. B. 711.

B. Miami University - The Ohio State University - Dayton Campus, Phase I

General Contract

It is recommended that the following changes be made:

1. Construct part of a service tunnel to provide for connection of Allyn Hall with Phase II. This work is necessary at this time to avoid additional costs later due to destruction of sidewalks and landscaping. Add \$6,792.50.
2. Furnish and install aluminum letters to place the name "Allyn Hall" on the building. Add \$299.00.

Total Addition     \$7,091.50

Funds for this project are provided in Budget Account 91017.

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

C. 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 extra orders which have been approved by the President, as authorized by the Board of Trustees, is hereby reported for the following projects:

July 17, 1964 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

C. Summary of Extra Orders Approved by the President (continued)

Veterinary Clinical Unit Bldg. - Acct. 710, H. B. 1123	\$ 699.00
Industrial Engineering Bldg. Repairs - Maintenance Account 200	152.60
Campbell Hall Remodeling - B/A 19916	485.00
Campbell Hall Remodeling - Account 003, S. B. 592	1,854.00
Repairs to Room 136 McPherson Laboratory - B/A 19933	343.51
Starling Loving Hall, Room M100 - Item 330, H. B. 711	240.00
Van de Graaff Remodeling - B/A 19916	1,282.00
Hangar No. 4, Don Scott Field - Item 315, H. B. 711	1,370.65
Ohio Union, South Terrace - Item 315, H. B. 711	476.00
Botany and Zoology - B/A 19916	1,293.00
Fine Arts Addition - B/A 19916	424.00
Research Space - East Side Stadium - B/A 91020	192.50
Men's Housing 1 and 2 and Dining Facility - Dormitory Account	266.21
Dormitory F for Women - Dormitory Account	Credit (280.50)
Dining Facility South - Dormitory Account	389.78
Student Housing Nos. 3, 4, 5, 6 - Dormitory Account	555.26
Total of Extra Orders on the Above Projects	<u>\$9,743.01</u>

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VII. PLANS AND SPECIFICATIONS

With the approval of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Interior Painting and Patch Plastering of Physical Education Building, Communications Laboratory (W.O.S.U. - Radio Area), and Portion of McPherson Chemical Laboratory in Sawtooth Area

Funds for this project will be provided from Budget Account 12350, Contract Repairs, H. B. 711.

B. Furnish and Install Vinyl Asbestos Tile in Arps Hall, Campbell Hall, Derby Hall, Library, Journalism Building, and Stillman Hall

Funds for this project will be provided from Budget Account 12350, Contract Repairs, H. B. 711.

C. Repair of Twenty-Two Rooms in Lord Hall

Funds for this project will be provided from Budget Account 12350, Contract Repairs, H. B. 711.

VII. PLANS AND SPECIFICATIONS (continued)

D. Electrical Engineering Research Facility (Caldwell Laboratory Addition)

Funds for this project will be provided from a National Science Foundation Grant, the University Treasurer Research Account, the Engineering Experiment Station, and Item 315-003, S. B. 370.

Upon motion of Mr. Davis, 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 CONTRACT

In accordance with authorization provided by the Board of Trustees, the contracts for the following project have been recommended for award and the action is hereby reported to the Board.

A. The Ohio State University Airport Runway Extensions

Bids were received on June 24, 1964, for this project and all bids for the General Contract were rejected. The low bid for the Electrical Contract was accepted and the General Division was readvertised with bids received on July 10, 1964. The recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 7-10-64)		
Frysinger & Sons Co. (Columbus)	\$203,724.01	\$234,999.00
<u>Electrical Contract</u> (2 bids received 6-24-64)		
Jess Howard Electric Co. (Columbus)	10,621.22	11,262.00
Total Contracts	<u>\$214,345.23</u>	<u>\$246,261.00</u>

Funds for this project will be provided from a Federal Aviation Agency Grant and the University Treasurer General Fund.

Upon motion of Mr. Jones, seconded by Mr. Davis, 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 approval shown below accomplished the following purpose:

- 54 Approves the transfer of \$174,695.00 from Modernization of Engineering and Physical Science Facilities, Item 003, S. B. 370, to Completion of Robinson Laboratory, Item 023, S. B. 370, to provide funds for the purchase of equipment for the Department of Mechanical Engineering.
- 80 Authorizes the award of extra orders in the amount of \$1,635.30 for the project "University Hospital, Repairs to Rooms 473, 476, 478, 479, and N-729" with funds to be provided from University Hospital Rotary.
- 88 Authorizes the release of \$30,096.00 in Item 005, S. B. 370 to provide funds for preliminary plans for the project "Physics and Astronomy Building."
- 89 Authorizes the release of \$28,590.00 in Item 011, S. B. 370, to provide funds for preliminary plans for the project "Electronics Laboratories."
- 90 Authorizes the release of \$24,408.00 in Item 012, S. B. 370 to provide funds for preliminary plans for the project "Systems Engineering."
- 92 Approves the expenditure of \$252,899.00 for contracts for maintenance projects from funds appropriated in H. B. 711.
- 102 Approves the expenditure of \$107,151.00 for contracts for maintenance projects from funds appropriated in H. B. 711.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineers - Student Housing Buildings  
No. 7 (Houck), No. 8 (Nosker), and No. 9 (Archer)

It is recommended that the engineering firm of W. E. Monks be employed to provide complete professional engineering services for Student Housing Buildings No. 7 (Houck), No. 8 (Nosker), and No. 9 (Archer). They will provide the design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction for the heating, ventilating and air conditioning division, the plumbing division, and the electrical division for this project.

The fee will be computed on the basis of 4 1/2 per cent of the cost of the mechanical and electrical work and is estimated to be approximately \$32,625.00. Funds will be provided from Dormitory Construction Funds.

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

July 17, 1964 meeting, Board of Trustees

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

B. Columbia Gas of Ohio, Inc. , Easement for Gas Line

The Columbia Gas of Ohio, Inc. , has requested permission to construct a medium pressure gas line through State of Ohio lands, which lands have been designated for use by The Ohio State University. The proposed gas line will serve Battelle Memorial Institute and other property south of the campus as well as supplement the supply of natural gas available for use by the University.

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interest of the University. It is further recommended that the President 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 said gas pipe line and to negotiate the appropriate compensation to the University.

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

C. Purchase of Buildings and Property, 412 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Lydia M. Reeder at a price of \$21,000.00:

Property known as 412 West Ninth Avenue, being Lot No. 17, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

D. Purchase of Buildings and Property, 363, 367 and 371 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Oscar E. Carlin at a price of \$73,000.00:

Property known as 363, 367 and 371 West Tenth Avenue, being Lot Nos. 33, 34 and 35, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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



July 17, 1964 meeting, Board of Trustees

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

E. Purchase of Buildings and Property, 85 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Constance G. Leshy and Albert Leshy at a price of \$15,000.00:

Property known as 85 West Tenth Avenue, being  
Lot No. 2 and 4' off of the west side of Lot No. 3  
Burdell and Linen Addition, City of Columbus,  
County of Franklin, State of Ohio.

Purchase will be consummated as soon as funds are available from Am. S. B. 370 or other sources designated for this purpose.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of J. Carlton Atherton, Professor in the School of Art; E. Jean Cox, Instructor in the Department of English; and Alan Francis Griffin, Professor in the Department 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 have been furnished the families of the deceased.

A. J. Carlton Atherton

The Board of Trustees expresses its sorrow at the death on June 13, 1964, of J. Carlton Atherton, Professor in the School of Art.

Professor Atherton was born on January 17, 1900, in Taylor, Pennsylvania. He studied at Syracuse University, New York, between 1918 and 1921. In 1921 he undertook special study at Pratt Institute and the National Arts Club in New York. He received a Special Ceramic Certificate from Syracuse University in 1922.

Between 1923 and 1930 Professor Atherton served on the faculty of Syracuse University. In 1926 his research required his going to Paris for special study. Professor Atherton joined the faculty of the School of Art at The Ohio State University in 1930, he was promoted to Associate Professor in 1946, and to Professor in 1947. He served as a Visiting Professor at Teachers College, Columbia University, in the summer of 1949 and as Visiting Lecturer at Long Beach State Teachers College, California, in the summer of 1955.

Professor Atherton's professional development was at a time when the arts themselves were finding their places in American colleges and universities. As a faculty member he embodied those unique strengths as an artist and scholar that served to create the important role now given the arts in American education.

XI. RESOLUTIONS IN MEMORIAM (continued)

A. J. Carlton Atherton (continued)

The awards received by Professor Atherton include: First Prize in the New York Society of Craftsmen Exhibition, a Special Award in the Boston Society of Arts and Crafts Exhibition, and Second Prize in the Annual National Ceramic Exhibition. His research included study of the development of techniques and styles in both Italian maiolica and French faience. Additionally he carried on research with high-fire feldspathic glazes and porcelain bodies to capture the tactile values and subtlety of color of Sung Dynasty wares.

Professor Atherton was one of our foremost authorities in the history of ceramic art. He made numerous trips to England, Holland, Belgium, France, Switzerland, Italy, Colombia, Venezuela, and many other countries. In addition he traveled extensively in Canada and the United States. Few persons possessed his intimate and detailed knowledge of ceramic art gained from study in museums, libraries, and galleries over the world.

Above all, Carlton Atherton was a fine teacher, and his gentle manner and love of humanity pervaded his teaching. He was a person whose qualitative standards were conveyed by his every act.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

B. E. Jean Cox

The Board of Trustees expresses its sorrow at the death on July 5, 1964, of Miss E. Jean Cox, an Instructor in the Department of English.

Miss Cox received her B.A. degree from the University of Wisconsin in 1924 and her M.A. from the University of New Hampshire in 1951. She joined the staff at Ohio State in 1956. During her lifetime, Miss Cox taught at the Roycemore School in Evanston, Illinois; the Hathaway-Brown School in Cleveland, Ohio; and the Washington State Teachers College and Farmington State Teachers College in the State of Maine.

Miss Cox was a committed teacher, devoted to her students and devoted to a high ideal of the meaning of a humane education. She understood the value of literature in enriching human experience and making it comprehensible. Hundreds of students attained both skill and wisdom from her teaching.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

July 17, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Alan Francis Griffin

The Board of Trustees expresses its sorrow at the death on July 6, 1964, of Alan Francis Griffin, Professor of Education.

Dr. Griffin was born on November 21, 1907, in Barnesville, Ohio. He received his B.Sc. in Education degree from The Ohio State University in 1936, and from the same institution he received the Ph.D. degree in 1942. He taught social studies and French at John Simpson Junior High School, Mansfield, Ohio, from 1930 to 1936. From 1936 to the time of his death, he taught in the area of social studies education at The Ohio State University as Instructor, Assistant Professor, Associate Professor, and Professor. During this period of teaching he served one year on the staff of the University School, The Ohio State University, and as Visiting Professor at Denver University. For two years, 1956 to 1958, he was consultant to the All-India Council for Secondary Education as a member of the staff of The Ohio State University India Education Project.

Dr. Griffin was active in organizations promoting civil rights, serving as executive secretary and as a member of the executive committee of the Ohio League for Constitutional Rights. He was a member of various nationally important educational organizations. On the campus of Ohio State, he was influential in promoting constructive curricular revisions and fostering academic freedom as a member of the Faculty Council, the Council on Instruction and the Conference Committee of the Teaching Staff.

Dr. Griffin made a vital contribution to teacher education through his book, his several pamphlets, chapters in scholarly yearbooks and many professional articles. As an instructor of both prospective and experienced teachers of the social studies, he clarified the meaning of reflective thought and equipped his students to develop reflective capacity in their pupils.

Dr. Griffin's perceptive humor and comprehensive intellectual interests stimulated his colleagues both within his own department and within the wider University community.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Reports from the Finance and Investment Committee

1. Wilbur Smith and Associates Report on Traffic and Parking

Mr. Jones presented the following resolutions on behalf of the Finance and Investment Committee of the Board of Trustees:

- a. Authorization to Implement the Recommendations in the Report Entitled, "Initial Parking Program and Related Traffic at The Ohio State University"

RESOLVED, that the Board of Trustees of The Ohio State University approves in principle the Report submitted by Wilbur Smith & Associates entitled "Initial Parking Program and Related Traffic at The Ohio State University" dated June 15, 1964, and hereby authorizes the President and the Vice President for Business and Finance to begin the implementation of the salient recommendations in the Report, and that the Report be filed with the official records of the Board of Trustees.

- b. Designation of Special Counsel - Squire, Sanders & Dempsey

FURTHER RESOLVED, that the Board of Trustees of The Ohio State University hereby determines that it is in the interest of the University to obtain the services of Squire, Sanders & Dempsey in connection with the proposed issue of Parking Revenue Bonds, and any additional bonds issued on a parity thereto, and accordingly the President and the Vice President for Business and Finance, and each of them, are authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as special counsel to the University on the terms set forth in the form of designation presented to and filed and recorded with the records of this meeting. (See page 40)

- c. Employment of Architects and Engineers, Parking Ramps (Medical Area, Ohio Union Area and Arps Hall Area)

FURTHER RESOLVED, that the architectural firm of Potter, Tyler, Martin & Roth, in conjunction with Howard, Needles, Tammen & Bergendoff, Engineers, be employed to provide complete architectural and engineering services for the above 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 calculated at the rate of 6 per cent of the first \$1,000,000 of the construction cost, 5 1/2 per cent of the second \$1,000,000 and 5 per cent of all over \$2,000,000. The estimated fee is \$200,000 based upon the estimated construction cost of \$3,700,000. Funds will be provided from the proceeds of the Parking Revenue Bond Issue.

Upon motion of Mr. Jones, seconded by Mr. Davis, the above resolutions were adopted unanimously by roll call vote.

XII. REPORTS (continued)

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

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Pursuant to recommendation of the Board of Trustees of The Ohio State University, I, William B. Saxbe, Attorney General, State of Ohio, do hereby appoint Squire, Sanders & Dempsey, Cleveland, Ohio, as special counsel to act as Bond Counsel and as Project Counsel to The Ohio State University in connection with the issuance and sale of Parking Revenue Bonds, which are to be issued to finance a new parking facilities on the campus of The Ohio State University, and further appoint said firm as Bond Counsel and as Project Counsel to the University in connection with any additional bonds to be issued on a parity with said bonds and the projects to be financed thereby.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of said project, prepare all necessary documents relating to such financing, including, to the extent deemed necessary, the Bond Resolution, Trust Agreement, temporary and definitive bond forms, public sale proceedings and legal portions of the prospectus, develop the necessary bond transcript, render an opinion as to the legality of the bonds upon their issuance and delivery and such related opinions as may be required, and supervise the program for delivery of and payment for such bonds.

As Project Counsel said firm shall determine and advise the University as to legal methods of financing such project and revenues that may be pledged; assist the University in negotiations and preparation of or review of any loan agreements, applications and related papers with investment bankers, or any other lending agency or entity, render services in connection with interim financing, including rendering opinions thereon; prepare or review construction or architect's or engineering contracts, and prepare or review proceedings in connection with the advertising, authorization or execution thereof; perform services as to title matters related to the project sites; participate in negotiations or preparation of approvals, certification or other documents required from state officials; prepare or review prospectus or official statement for bidders; prepare or review new legislation, if any; and render such other legal services in connection with such financing or construction of the project as is not covered by the preceding paragraph.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be as follows with respect to each issue for which a single bond resolution is required, including parity issues: \$1,400 plus (a) 75 cents per \$1,000 of principal amount of said Bonds up to \$1,000,000, (b) \$1.00 for each \$1,000 of principal amount of said Bonds in excess of \$1,000,000 but not in excess of \$10,000,000, and (c) 50 cents for each \$1,000 principal amount in excess of \$10,000,000; if no Bonds are issued, reasonable compensation shall be paid by the University. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, such compensation to be approved by the University. In addition to such compensation, counsel shall be reimbursed for their actual and necessary expenses including telephone, travel and the like incurred in the performance of their duties as Bond Counsel and Project Counsel. All of such compensation and reimbursement shall be paid solely from the proceeds of the sale of said bonds or other funds of the University lawfully available for the purpose, or, if the University so determines in the sale of said Bonds, all or such part thereof as is therein provided shall be paid by the purchaser of the Bonds as part of the purchase price thereof.

July 17, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

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

2. Report on the Investment Portfolio

The Secretary was instructed to file a copy of the Report on the University's Investment Portfolio dated June 30, 1964, with the official records of the Board of Trustees.

B. Report on Highlights of Campus Activities

In concluding the meeting, President Fawcett reviewed some of the accomplishments and activities of the University during the period since the June 5, 1964, meeting of the Board of Trustees. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. Ohio State ranks among the top five universities selected for graduate and professional training by former holders of General Motors Corporation undergraduate scholarships. The other four institutions in the top five were: Harvard University, Massachusetts Institute of Technology, University of Michigan, and Princeton University.
2. The number of freshmen applications for admission for Autumn Quarter 1964 has exceeded all previous years. The Director of Admissions has reported that more than 10,000 students have been admitted to the Columbus campus and Off-Campus Academic Centers for the next Autumn Quarter.
3. The University received two awards for its publications at the annual conference of the American College Public Relations Association held during the week of July 6, in Los Angeles, California. The awards were a Certificate of Special Merit for publications program improvement and a Special Merit Award in the internal publications category for "Campus Review," the publication distributed to faculty and staff.
4. The new residence hall dining facility "Royer Commons" was cited for "excellence in food service and sanitation," by Institutions Magazine, sponsor of the annual food service award program.
5. Recognition of faculty achievements: Vice President John C. Weaver has been named by the American Council on Education to serve on the American Council on Pharmaceutical Education. Dean Harold A. Bolz of the College of Engineering has been elected for a two-year term as Vice President and member of the Board of Directors of the American Society for Engineering Education. Dr. Noland L. VanDemark, Chairman of the Department of Dairy Science, has been selected by the Italian Government to be honored for his contributions to the field of animal reproduction and artificial insemination. Dr. Richard D. Burk, Director of Rehabilitation Services of the University Hospitals, has been named Chairman of the Committee on Standards for Rehabilitation Centers of the Commission on Standards and Accreditation of Services for the Blind.

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July 17, 1964 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 11, 1964, at the Ohio Agricultural Experiment Station, Wooster, Ohio, at nine o'clock.

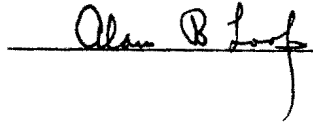
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The following communications from the four members who were not in attendance, indicating their approval and ratification of all actions taken by the Board at the meeting on July 17, 1964, are included in the minutes for the record.

I have read the minutes of the Board of Trustees of  
The Ohio State University dated July 17, 1964, and hereby approve  
the recommendations and ratify all of the actions taken by the members  
present on that date.

A handwritten signature in cursive script, appearing to read "Alan B. Lief", written over a horizontal line.

I have read the minutes of the Board of Trustees of The  
Ohio State University dated July 17, 1964, and hereby approve the  
recommendations and ratify all of the actions taken by the members  
present on that date.

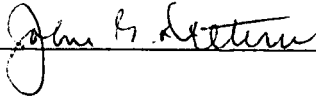
A handwritten signature in cursive script, written over a horizontal line.

I have read the minutes of the meeting of July 17, 1964, which I was  
unable to attend. The minutes are not only satisfactory, but I  
approve of all the actions taken. You may record my vote that way.

A handwritten signature in cursive script, appearing to read "John B. Baker", written over a horizontal line.

July 17, 1964 meeting, Board of Trustees

I have read the minutes of the Board of Trustees of The Ohio State University dated July 17, 1964, and hereby approve the recommendations and ratify all of the actions taken by the members present on that date.

  
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Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman



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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY COMMENCEMENT

August 28, 1964

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## RECIPIENTS OF HONORS

### VIVA BELLE BOOTHE

#### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Outstanding administrator and a foremost  
authority on research in business*

Viva Belle Boothe is a woman of rare capability who has the courage to venture into challenging new areas. As director of The Ohio State University Bureau of Business Research she was the only woman to hold such a position at a university. And she is the only woman ever to address a commencement class of this university.

Dr. Boothe began her distinguished career as a government statistician during World War I. In this capacity she worked on the first history of commodity prices compiled in the United States. For the last 22 of her 35 years on the faculty, she guided the Bureau of Business Research in its function of recording the course of business in Ohio and in analyzing this information for its citizens.

Testimony to the esteem in which she has been held by her business colleagues at other universities was her selection to the presidency of their national organization. The high regard she has enjoyed on her own campus was acknowledged by her choice as a chairman of the Ohio State chapter of the American Association of University Professors. Her dedication and insight have touched associates in all groups in which she has exercised leadership. The ultimate tribute to her effectiveness is the record of achievement compiled by the many persons she has helped and influenced.

## JOHN BERNIS BROWN

### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Nationally recognized physiological chemist, efficient research administrator and department chairman*

John Bernis Brown, noted nutritionist and one of the Nation's foremost authorities on the chemistry of fats, oils, and fatty acids, devoted 40 years to this University's research and teaching programs.

Dr. Brown joined the Ohio State faculty in 1924 and became chairman of the Department of Physiological Chemistry in 1957. He also served as director of the Institute of Nutrition and Food Technology from 1950 until 1963 when he was made director emeritus.

During his years of research, he wrote well over one hundred scientific papers on physiological chemistry and nutrition and was often called upon by the United States Government as a consultant in these fields. At various times he served as a member of the Fats Committee of the Food and Nutrition Board and Agricultural Board of the National Research Council; the Oilseeds Committee of the U.S. Department of Agriculture; and as consultant for the Eastern Utilization Laboratory of the Agricultural Research Service.

A teacher in both the Colleges of Medicine and Dentistry, Dr. Brown's nutrition course in dentistry was the first formal nutrition work taught in this country to dental students.

Among his many activities, he also found time to serve as a member of the Council on Instruction, the Committee to Study Intercollegiate Athletics, and the University Planning Committee.

## JOSEPHINE SITTERLE FAILER

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Organizer, fund-raiser, friend of the University  
and inspiration of alumni*

Josephine Sitterle Failer has been a vital force in the alumni leadership of The Ohio State University. As organizer of Development Fund campaigns and alumni meetings, her energy and zeal have inspired the University's faithful into doing much to advance the cause and concept of the University in its ever-expanding role.

A registered pharmacist and member of the Ohio State Pharmacy Association, Mrs. Failer has served as secretary of the College of Pharmacy Alumni Group, as director of the Alumni Association Board, and as captain in the Franklin County Development Fund campaigns. She has been active in the Alumnae Council and is presently the national chairman of the Alumnae Scholarship Houses Advisory Board.

From time to time she has organized antique shows to raise funds for Development Fund projects, including Alumnae Council activities, the Scholarship Houses, the College of Pharmacy Alumni group, University Scholarship Funds, and for Continuing Education for Women.

In helping to provide furniture to the Scholarship Houses, preparing quarterly dinners for the residents, and in helping to maintain ties between the University's visiting emeriti and former students, she has contributed selflessly of her time and resources. She has set an example of service of which the University and its alumni are justifiably proud.

## FRED ANDREWS HITCHCOCK

### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Internationally known physiologist-educator, pioneer contributor  
in man's efforts to conquer space*

Fred Andrews Hitchcock has earned many tributes from the world of science for his research, much of which has dealt significantly with the relationships of man to the environment of space. In this country, the American Association for the Advancement of Science, the American Astronautical Society, and the Aerospace Medical Association have conferred fellowships upon him. He is a past president of the Space Medicine Society of the Aero-Medical Association and holds the Association's Tuttle Award for outstanding research achievements. He has served as a consultant in government and industry and has conducted research for numerous defense agencies and governmental offices.

Abroad, Dr. Hitchcock has been honored by the Scientific Council of the Brazilian Interplanetary Society with life membership. He served as a member of international physiological or astronautical congresses in six countries. Since his retirement in 1960, he has continued his unusual service to international science by spending two years teaching physiology at Pahlevi University, in Shiraz, Iran.

Among his numerous contributions as a member of the College of Medicine at The Ohio State University was the establishment in 1941 of the Laboratory of Aviation Physiology, now the Environmental Physiology Laboratory. More than a hundred publications attest to his activity as a researcher and teacher on this campus.

## EVERETT DAVID REESE

### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*An outstanding and productive force in alumni affairs; respected  
and influential leader in the business community*

For nearly two decades Everett Reese has given selfless service in behalf of his Alma Mater. He has thereby won a unique and enduring place in the hearts of all those who love the University.

A moving force in the affairs of the Alumni Association since his own graduation from the College of Commerce and Administration, his productive efforts have been exerted at the county, state, and national levels. For twelve years he served as a member of the Board of Directors of the University's Development Fund, and for five of these years he provided distinguished leadership as chairman of the board. He was instrumental in the creation of the recently formed Presidents Club and is now chairman of the Executive Committee of this elite body.

His career in banking over a span of more than forty years has reflected versatility in professional and public service. Both the Ohio Bankers Association and the American Bankers Association have elected him to the high office of president. He is recognized as one of the most resourceful and astute personalities in a field that excels in the quality of its top leadership. Community and social organizations and industry and government have benefited by his efforts.

From all whose lives have become intertwined with the purposes and traditions of The Ohio State University, Everett David Reese commands high admiration, warm affection, and deep gratitude.



# GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

## Doctor of Philosophy

- James Carroll Abbott, B.A. (College of Wooster); M.Sc.....Cincinnati  
*Dissertation: The Polarography and Reduction Chemistry of Vitamin B<sub>12</sub>*  
*Field of Specialization: Chemistry*
- Lee Martin Adelsberg, B.S.Met.Engr. (Carnegie Institute of Technology)  
Pittsburgh, Pa.  
*Dissertation: Kinetics of the Oxidation of Tantalum at High Temperatures and Low Oxygen Potentials*  
*Field of Specialization: Metallurgical Engineering*
- Martin Dale Alexander, B.S. (New Mexico State University)  
Las Cruces, N. Mex.  
*Dissertation: Preparation and Kinetic Studies of Some Halopentamine Cobalt(III) Complexes*  
*I. The Preparation and Characterization of Chloro(amine)bis(ethylenediamine)cobalt(III) Complexes*  
*II. The Cobalt(III) Promoted Hydrolysis of Amino Acid Esters*  
*Field of Specialization: Chemistry*
- Sabbah Al Haj, B.S. in Ag., M.S. in Ag. (American University of Beirut) .....Ghobeiry, Lebanon  
*Dissertation: Quality Comparisons for Greenhouse and Competing Tomatoes*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Bernard Eric Anderson, B.S. (Arizona State College); M.A. (University of Arizona).....Modesto, Calif.  
*Dissertation: An Investigation into the Effects of Banking Structure on Aspects of Bank Behavior*  
*Field of Specialization: Economics*
- James Bernard Ayres, B.A. (Baylor University); M.A. (Florida State University).....San Antonio, Tex.  
*Dissertation: Shakespeare in the Restoration: Nahum Tate's The History of King Richard the Second, The History of King Lear, and The Ingratitude of a Common-wealth*  
*Field of Specialization: English*
- Darshan Singh Bains, B.Sc., M.Sc. (University of the Punjab)  
Ludhiana, India  
*Dissertation: Lodging in Spring Oats*  
*Field of Specialization: Agronomy*
- Robert Roscoe Bargar, B.Mus. (Ohio Wesleyan University); M.A. Delaware  
*Dissertation: A Study of Music Reading: Groundwork for Research in the Development of Training Programs*  
*Field of Specialization: Music*
- Winston Delno Bash, B.Sc. in Agr., M.Sc.....Columbus  
*Dissertation: Effects of Handling and Holding Practices on the Aerobic Heat Resistant Bacterial Spore Population of Mechanically Harvested Tomatoes*  
*Field of Specialization: Horticulture*
- James Everett Battles, B.S. in Met.E. (University of Alabama); M.Sc. Galena Park, Tex.  
*Dissertation: A Mass Spectrometric Investigation of Tungsten Dioxide and Tungsten Trioxide*  
*Field of Specialization: Metallurgical Engineering*

- Richard Bond Bennett, B.S. (Grove City College); M.Sc...Grove City, Pa.  
*Dissertation: Synthesis of D-lyxo-Hexulose (D-Tagatose), L-threo-Pentulose, and Their 1-Deoxy Derivatives*  
*Field of Specialization: Chemistry*
- Donald Lee Branson, B.S. in Cer.E. (University of Missouri) ..Sullivan, Mo.  
*Dissertation: Kinetics of Zinc Aluminate Spinel Formation*  
*Field of Specialization: Ceramic Engineering*
- Walter Reed Brown, B.S. in Edu., Ed.M. (University of Oklahoma)  
 Oklahoma City, Okla.  
*Dissertation: The Professional Objectives of Experienced Science Teachers*  
*Field of Specialization: Education*
- Dale Roger Bussman, B.M.E., M.Sc.....Cleveland  
*Dissertation: Vibrations of a Multi-wheeled Vehicle*  
*Field of Specialization: Engineering Mechanics*
- Guybert David Cahoon, B.Sc. in Edu., M.A.....Worthington  
*Dissertation: Paul Tillich, Self-Psychology, and Secular Education*  
*Field of Specialization: Education*
- Thomas Samuel Cantrell, B.S., M.S. (University of South Carolina)  
 Columbia, S. C.  
*Dissertation: The Chemistry of Cyclooctatetraene Dianion and the Reactions of Dinitrogen Tetroxide with Cyclic Olefins*  
*Field of Specialization: Chemistry*
- Silas Earl Carmean, Jr., B.S.E.E. (Ohio Northern University); M.Sc.  
 Columbus  
*Dissertation: Control of Small Two-Phase Servomotors*  
*Field of Specialization: Electrical Engineering*
- Robin Ward Chaney, B.Sc.....Columbus  
*Dissertation: Decomposition Theorems for Weight Functions in Transformation Theory*  
*Field of Specialization: Mathematics*
- Krishna Kumar Singh Chauhan, B.Sc. (Ag.), M.Sc. (Ag.) (Agra University) .....Udaipur, India  
*Dissertation: Effect of the General Economic Development on the Evolution of Agricultural Marketing in the United States*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Arnold Benjamin Cheyney, B.S. in Edu., M.Edu. (Kent State University)  
 Canton  
*Dissertation: A Descriptive Study of the Methodology of Outstanding Teachers of Culturally Disadvantaged Elementary School Children*  
*Field of Specialization: Education*
- Rose Marie Chioni, B.S. (University of Minnesota); A.M. (University of Chicago) .....LaSalle, Ill.  
*Dissertation: The Relationships Between Predicted and Reported Success in One Collegiate Nursing Education Program*  
*Field of Specialization: Education*
- Mary Nazaire Columbro, B.A. (Notre Dame College); M.A. (Western Reserve University) .....Rocky River  
*Dissertation: A Conceptual Framework for the Teaching and Supervision of High School English*  
*Field of Specialization: Education*

- F. Joe Crosswhite, B.S. in Ed., M.Ed. (University of Missouri)  
Springfield, Mo.  
*Dissertation: Procedures for Admission with Advanced Standing in  
Mathematics at The Ohio State University*  
*Field of Specialization: Education*
- Robert Harold Crowl, S.B. (Harvard University); M.S. (Miami  
University) .....Minerva  
*Dissertation: An Evaluation of Tyrosine, Tryptophan, and Dopa as  
Agents Capable of Preventing Depigmentation of the  
Hair of Mice Subjected to X-ray Irradiation*  
*Field of Specialization: Zoology*
- Milton Russell Cudney, B.S. (Western Michigan University); A.M.  
(University of Michigan).....Grand Rapids, Mich.  
*Dissertation: Counselors' Perceptions of Obstacles to Selected Guidance  
Functions*  
*Field of Specialization: Education*
- Paul Anthony Cullinan, B.S. in Edu. (University of Dayton); M.A.  
(Catholic University of America).....Columbus  
*Dissertation: A Taxonomic Mode of Inquiry and Its Application to  
Educational Administration*  
*Field of Specialization: Education*
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*Dissertation: Iron, Cobalt, and Nickel Complexes Derived from Hydra-  
zones and Imines of 2, 6-Diacetylpyridine*  
*Field of Specialization: Chemistry*
- Ralph Gibson Dale, Jr., B.Aero.E.....Columbus  
*Dissertation: Flutter Analysis of an Airfoil Exhibiting Camber De-  
formations*  
*Field of Specialization: Aeronautical and Astronautical Engineering*
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*Dissertation: George Schaefer and the Hallmark Hall of Fame: A  
Study of the Producer-Director of a Live Television  
Drama Series*  
*Field of Specialization: Speech*
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*Dissertation: Two Perspectives of Change in Secondary Education  
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*Field of Specialization: Education*
- Charles Stewart Doty, A.B. (Washburn Municipal University of  
Topeka); M.A. (University of Kansas).....Topeka, Kans.  
*Dissertation: Maurice Barrès and the Fate of Boulangism: The Political  
Career of Maurice Barrès (1888-1906)*  
*Field of Specialization: History*
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Salmo, B. C., Canada  
*Dissertation: Economic Inventory and Value Added Estimates of the  
Natural Resources of a Watershed Region Located in the  
Appalachian Highland Area of Ohio*  
*Field of Specialization: Economics*
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Siège de Barbastre and Buevon de Commarhis*  
*Field of Specialization: Romance Languages (French)*
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Dayton  
*Dissertation: Detonation in High-Pressure Hydrocarbon-Oxygen Mix-  
tures*  
*Field of Specialization: Chemical Engineering*

- John Douglas Eaton, B.P.H.E. (University of Toronto); M.A. (Columbia University).....St. John's, Nfld., Canada  
*Dissertation: The Life and Professional Contributions of Arthur Stanley Lamb, M.D., to Physical Education in Canada*  
*Field of Specialization: Physical Education*
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*Dissertation: The Home Environment and the Creative Thinking Ability of Children*  
*Field of Specialization: Education*
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*Dissertation: A Comparison of Oxygen Consumption During Strenuous Work for Three Patterns of Intensity*  
*Field of Specialization: Physical Education*
- Michael Franklin Farona, B.S. (Western Reserve University); M.Sc. Cleveland Heights  
*Dissertation: Thiocyanato Derivatives of Some Metal Carbonyls*  
*Field of Specialization: Chemistry*
- Fath-El-Bab Galal Fath-El-Bab, B.Com. (Cairo University); M.B.A. Cairo, Egypt  
*Dissertation: An Analysis of a Decade of Property and Liability Insurance Company Mergers, 1950-1959*  
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*Dissertation: Relationship of the Chemical Constituents of Maple Sugar Sand to the Amount Formed During Maple Syrup Processing*  
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 Isoantigens; Some Aspects of the Immunochemistry of  
 the F and V Antigens*  
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*Dissertation: Methods for the Estimation of Glycerol in Neutral Gly-  
 cerides, Phospholipids, and Cardiolipins by Gas-Liquid  
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 Adjacent Parts of West Virginia, Kentucky, and Indiana*  
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 ed by Clerical Workers in First-Level Entry Occupa-  
 tions in Digital Computer Installations*  
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 of Columbus, Ohio, from 1845 to 1900*  
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*Dissertation: "The Nation's Station," a History of Radio Station WLW*  
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*Dissertation: The Circular-Electric-Mode Retarding-Field Oscillator*  
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*Dissertation: Biosystematic Study of Genus Berlandiera DC. (Compositae)*  
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- Balakrishna Raghavendra Rao, B.Sc. (Benaras Hindu University); M.Sc. (Karnatak University).....Bombay, India  
*Dissertation: Trypsin Activity Associated with Reproductive Development in the Female Tampa Cockroach, Nauphoeta cinerea (Olivier)*  
*Field of Specialization: Entomology*
- Fay Carol Reed, B.S. in Nurs.Ed., M.Litt. (University of Pittsburgh) Duquesne, Pa.  
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*Field of Specialization: Education*



- Harold Sewall Ricker, B.S., M.S. (University of Massachusetts)  
Northboro, Mass.  
*Dissertation: Effects of Merchandising Selected Fruits and Vegetables  
by Prepackaged and Bulk Methods on Consumer Acceptance  
in Columbus, Ohio, 1963*  
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Calcutta, India  
*Dissertation: Stereospecific Synthesis of Geometric Isomers of Acyclic  
C<sub>6</sub>-Conjugated Dienes and Their Reactions*  
*Field of Specialization: Chemistry*
- Edward Carl Roy, Jr., B.Sc. .... San Antonio, Tex.  
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consin*  
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M.A. .... Mansfield  
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*Dissertation: Wulfstan's Prose: A Reconsideration*  
*Field of Specialization: English*

- Russell Vincent Skavaryl, B.A. (University of Omaha); M.Sc.  
Omaha, Nebr.  
*Dissertation: The Effects of Total-Body Irradiation with X-rays and  
Supplementary Injections of Liver Homogenate upon the  
Survival Period in Inbred Lines of the Syrian Hamster,  
Mesocricetus auratus (Waterhouse)*  
*Field of Specialization: Zoology*
- Hasel James Slone, Jr., B.Sc., M.Sc..... Waverly  
*Dissertation: The Far Infrared Spectrum of D<sub>2</sub>O*  
*Field of Specialization: Physics*
- Blanca Povoli de Smith, B.S. (Universidad Mayor de San Andres); M.D.  
(Universidade do Brasil); M.M.Sc..... Columbus  
*Dissertation: Pre- and Post-natal Development of the Intramural Ves-  
ical Ganglia in Children*  
*Field of Specialization: Anatomy*
- Sobhi Ahmed Soliman, B.Pharm. (University of Alexandria); M.Sc.  
Alexandria, Egypt  
*Dissertation: The Acid-Base Behavior of Ephedrine Isomers and Their  
Oxazolidine Derivatives in Aqueous and Non-aqueous  
Media*  
*Field of Specialization: Pharmacy*
- Addanki Somasundaram, B.V.Sc. (University of Madras); M.Sc.  
Vijayavada, India  
*Dissertation: Thyroidal Effects of Different Roughages in the Bovine  
and the Assay of Their Antithyrototoxic Factor Based on  
Rat Liver Malic Enzyme Response*  
*Field of Specialization: Dairy Science*
- Ronald Lee Sorensen, B.S. (Teachers College of Connecticut); M.A.  
(Ball State Teachers College)..... Muncie, Ind.  
*Dissertation: Electrical Manufacturing Industry: A Resource Study  
with Implications for Industrial Arts Curriculum De-  
velopment*  
*Field of Specialization: Education*
- Walter Ernest Steidle, B.A. (Johns Hopkins University); Ed.M.  
(University of Rochester)..... Rochester, N. Y.  
*Dissertation: The Preparation, Certification, and Teaching Em-  
ployment of Graduates of Science Education Programs in  
Ohio, 1961-1963*  
*Field of Specialization: Education*
- Edward Arthur Tarratus, Jr., B.A., M.Ed. (University of Florida)  
Jacksonville, Fla.  
*Dissertation: Creative Processes in Music and the Identification of  
Creative Music Students*  
*Field of Specialization: Education*
- Russell James Taylor, Jr., B.S., (Bates College); M.Sc... Rockville, Conn.  
*Dissertation: The Metabolism of Ethanolamine*  
*Field of Specialization: Physiological Chemistry*
- William A. Teso, B.E.S. (Johns Hopkins University); M.E.E.  
(Rensselaer Polytechnic Institute)..... Hillburn, N. Y.  
*Dissertation: VLF Propagation Studies Based on Phase Comparison  
Records*  
*Field of Specialization: Electrical Engineering*
- Richard Eugene Thomas, B.Aero.E., B.A., M.Sc..... Columbus  
*Dissertation: Similitude Considerations in Advanced Aerothermody-  
namic Facilities*  
*Field of Specialization: Aeronautical and Astronautical Engineering*

- Helen Lou Tinnin, A.B., M.P.H. (University of California, Berkeley)  
Austin, Tex.  
*Dissertation: The Development, Standardization and Pilot Testing of  
an Auto-instructional Program in Health Education on  
the Topic of Cigarette Smoking*  
*Field of Specialization: Physical Education (Health Education)*
- Richard Giles Tomlinson, B.S. in E.E., M.S. in E.E. (Case Institute of  
Technology) ..... Lima  
*Dissertation: Characteristics of Visible Discharges Induced in Gases  
by Focused Ruby Laser Pulses*  
*Field of Specialization: Electrical Engineering*
- Henry Louis Tosi, Jr., B.Sc. in Bus.Adm., M.B.A. .... Martins Ferry  
*Dissertation: The Effect of Role Consensus, Expectations, and Percep-  
tions on the Buyer-Seller Dyad*  
*Field of Specialization: Business Organization*
- Andre Tii-Kang Tsai, B.A. (National Taiwan University); M.A.  
Taipei, Taiwan, China  
*Dissertation: The British Nautical Drama (1824-1843)*  
*Field of Specialization: Speech*
- Arthur Wilson Tucker, Jr., B.A. (North Texas State Teachers  
College); M.A. .... Arlington, Tex.  
*Dissertation: Matthew Parker and Cecil*  
*Field of Specialization: History*
- Michael Stanley Turner, B.Sc. in Agr., M.Sc. .... West Manchester  
*Dissertation: An Economic Analysis of the Structure of the Grain,  
Feed, and Farm Supply Industry of Ohio*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Ralph Edward Van Atta, B.Sc. in Edu., M.A. .... Columbus  
*Dissertation: A Method for the Study of Concept Formation and At-  
tainment in Psychodiagnostic Tasks: An Exploratory  
Study*  
*Field of Specialization: Education*
- John Ward Warner, Jr., A.B. (Taylor University); M.S. (State  
University of Iowa) ..... Wooster  
*Dissertation: The National Defense Education Act of 1958 and Its  
Implications for the Teaching of Mathematics in Ohio*  
*Field of Specialization: Education*
- Robert Rossine Weatherford, B.A., M.A. (University of Utah)  
Syracuse, N. Y.  
*Dissertation: Peer Relations and Academic Achievement*  
*Field of Specialization: Psychology*
- Terry Mohr Weidner, B.S. (Pennsylvania State Teachers College,  
Chester); M.Sc. .... Emmaus, Pa.  
*Dissertation: Translocation of Photosynthetically Labeled C<sup>14</sup> Com-  
pounds in Bean, Cucumber, and White Ash*  
*Field of Specialization: Botany and Plant Pathology*
- Philip Marvin Weintraub, B.Sc., M.Sc. .... Beachwood  
*Dissertation: The Synthesis, Properties, and Reactions of Some Ster-  
oidal  $\alpha$ -Oximino- and  $\alpha$ -Diazoketones*  
*Field of Specialization: Chemistry*
- Jan Joseph Wilbanks, B.Sc. in Pharm. (Cincinnati College of Pharmacy)  
Lynchburg  
*Dissertation: Hume's Theory of Imagination*  
*Field of Specialization: Philosophy*

- Cornelius Kendall Wilkins, Jr., B.S. (Case Institute of Technology) Bedford  
*Dissertation: A Synthetic Approach to the Iboga Alkaloids: A New Synthesis of Isoquinuchidines*  
*Field of Specialization: Chemistry*
- Robert Lloyd Williams, B.I.E., M.Sc.....Coshocton  
*Dissertation: Simple Proportional Control of Random Processes by Sampling*  
*Field of Specialization: Industrial Engineering*
- Harold Edwin Wilson, B.Sc. in Edu., M.Edu..... East Liverpool  
*Dissertation: Communication in Administrative Organizations*  
*Field of Specialization: Education*
- Arno Frank Wittig, B.A. (Hobart College); M.A.....Buffalo, N. Y.  
*Dissertation: Immediate Free Recall of Serially Presented Items*  
*Field of Specialization: Psychology*
- Mamdoh Sabry Yaakob, B. Pharm. (Cairo University).....Cairo, Egypt  
*Dissertation: Effects of Drying Processes on the Lipid and Resin Components of Podophyllum peltatum*  
*Field of Specialization: Pharmacy*
- Earl James Zwick, B.S. in Edu., M.Ed. (Kent State University) North Canton  
*Dissertation: An Evaluation of the Effectiveness of the Remedial Mathematics Program at The Ohio State University*  
*Field of Specialization: Education*  
 (One hundred and thirty-five candidates)

**Certificate of Specialist in Educational Administration**

- Gerald Oris Billow, B.S. in Edu. (Capital University); M.A....Delaware
- Joseph William Goldsbury, B.Sc. in Edu., M.A.....Columbus
- Ralph Ernest Pollock, B.S. in Ed. (Ohio Northern University); M.A. Westerville
- George Michael Saribalas, B.S. in Ed. (University of Cincinnati); M.A. Dover
- Charles Wesley Stephens, B.S. (Muskingum College); M.A....Chillicothe  
 (Five candidates)

**Master of Accounting**

- Gary John Previts, B.S. in B.A. (John Carroll University)....Cleveland  
*Field of Specialization: Accounting*  
 (One candidate)

**Master of Arts**

- Barbara Ann Adams, B.Sc. in Edu.....Olmsted Falls  
*Field of Specialization: Physical Education (Health Education)*
- Richard Neil Adams, B.Sc. in Agr.....Pemberton  
*Field of Specialization: Agricultural Education*
- Jo Ann Vesco Adrion, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Mohammad Rajab Al-Jabiri, B.S. (American University of Beirut) Hebron, Jordan  
*Field of Specialization: Education*
- Nancy Kay Allen, B.A. (University of Arkansas).....Fayetteville, Ark.  
*Field of Specialization: Psychology*

- Roy Anders Anderson, B.A. (Northern Illinois University) . . . . Chicago, Ill.  
*Field of Specialization: Psychology*
- Willie James Anderson, B.Sc. in Edu., B.F.A. . . . . Cincinnati  
*Field of Specialization: Education*
- Richard Eugene Bailey, B.A. (Otterbein College); B.D. (United  
Theological Seminary) . . . . . Westerville  
*Field of Specialization: Speech*
- Koran Robert Baskerville, B.S. (Central State College) . . . . . Delaware  
*Field of Specialization: Education*
- Sam Dale Bassitt, A.B. (Ohio Northern University) . . . . . LaFayette  
*Field of Specialization: Education*
- John Edward Becker, B.A. (Swarthmore College) . . . . . Columbus  
*Field of Specialization: Education*
- Barbara Grace Belk, A.B. (Capital University) . . . . . Detroit, Mich.  
*Field of Specialization: Education*
- Grace Anita Birky, B.A. (Goshen College) . . . . . Goshen, Ind.  
*Field of Specialization: Education*
- Malcolm Eugene Blowers, B.A. (Roberts Wesleyan College, New York)  
North Chili, N. Y.  
*Field of Specialization: History*
- Claretta Kelso Boder, B.B.A. (Westminster College, Pennsylvania)  
Columbus  
*Field of Specialization: Education*
- William Dunbar Boder, Jr., B.A. (Washington and Jefferson College);  
B.D. (Pittsburgh-Xenia Theological Seminary) . . . . . Columbus  
*Field of Specialization: Speech*
- Terrence Allen Boring, B.A. (Texas Lutheran College) . . . . . Kerrville, Tex.  
*Field of Specialization: Classical Language (Latin)*
- Charles William Bousliman, A.B. (Carroll College, Montana)  
Helena, Mont.  
*Field of Specialization: Speech*
- Dolores Marie Bower, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Mary Sue Branstool, B.S. in Ed. (Muskingum College) . . . . . Utica  
*Field of Specialization: Education*
- Thomas James Bridge, B.A. (University of British Columbia)  
Mission, B. C., Canada  
*Field of Specialization: English*
- Elaine Kathryn Buerkel, B.Sc. in H.E. . . . . Coshocton  
*Field of Specialization: Home Economics (Education)*
- David Cuyt Bunting, B.Sc. in Bus. Adm. . . . . Canton  
*Field of Specialization: Economics*
- Marco Stevenson Burnette, B.S. in Ed. (University of Akron) . . . . . Barberton  
*Field of Specialization: Education*
- Jeanne Hamrick Burtch, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Psychology*
- William Ignatius Buscemi, B.A. (University of Notre Dame)  
West Jefferson  
*Field of Specialization: Political Science*
- Paul Cochran Caley, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Marguerite Pittman Caliver, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*

- Vida Loader Callentine, B.Sc. in Edu.....Worthington  
*Field of Specialization: Education*
- James Patrick Campbell, B.Sc. in Edu.....Reynoldsburg  
*Field of Specialization: Education*
- Edith Caryl Carpenter, B.Sc. in Edu.....Hilliard  
*Field of Specialization: Speech*
- George Haworth Carroll, A.B. (Wilmington College).....Urbana  
*Field of Specialization: History*
- Emily Elizabeth Carson, B.S. in Ed. (Miami University).....Columbus  
*Field of Specialization: Education*
- William Albert Carter, B.Sc. in Edu.....Columbus  
*Field of Specialization: Music*
- James William Child, B.A.....Findlay  
*Field of Specialization: Philosophy*
- James Edward Congrove, B.S. in Edu. (Capital University)...Alexandria  
*Field of Specialization: Education*
- William Edward Cook II, B.S. in Ed. (Bowling Green State University)  
Maumee  
*Field of Specialization: Education*
- David Alan Cooper, B.Sc. in Edu.....Kettering  
*Field of Specialization: Education*
- David Carson Craig, A.B. (Wittenberg University).....Mansfield  
*Field of Specialization: History*
- Gerald Howard Cross, B.A. (University of Minnesota)....Fargo, N. Dak.  
*Field of Specialization: Education*
- Lewis Clair Crawl, B.Sc. in Phys. Ther.....Alliance  
*Field of Specialization: Physical Education*
- Subray Dahood, B.S. in Ed. (Pennsylvania State Teachers College,  
California) .....Caldwell  
*Field of Specialization: Education*
- Bruno Mario Damiani, B.A.....Columbus  
*Field of Specialization: Romance Languages (Spanish)*
- John Lindsay Davis, A.B. (Marshall University).....Piqua  
*Field of Specialization: Music*
- James Eugene Dawson, B.Sc. in Edu., B.Mus.....Euclid  
*Field of Specialization: Music*
- Annalee DeMoss, B.Sc. in Edu.....Columbus  
*Field of Specialization: Music*
- Delores Ann Diggs, B.Sc. in Edu.....Bidwell  
*Field of Specialization: Education*
- John Edward Dorrian, B.S. (University of Notre Dame).....Columbus  
*Field of Specialization: Physical Education*
- Henry Edward Drexler, Jr., B.S. (University of Wisconsin)  
Wauwatosa, Wis.  
*Field of Specialization: Education*
- Clifford Arthur Druit, B.S. (Oklahoma State University).....Columbus  
*Field of Specialization: Business Organization*
- Ruth Beckwith Duffy, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*

- Marcia Kay Duncan, B.A. .... Columbus  
*Field of Specialization: History*
- Moyra McNeill Ebling, A.B. (Western Michigan University) .... Columbus  
*Field of Specialization: Education*
- Robert Allan Elberfeld, A.B. (Marietta College) .... Pomeroy  
*Field of Specialization: Economics*
- Franklin D. R. Ellwood, B.Sc. in Edu. .... Dover  
*Field of Specialization: Education*
- Bruce Allen Emery, B.S. in Ed. (Bowling Green State University)  
Worthington  
*Field of Specialization: Education*
- Peggy Claire Evans, B.A. (Washington State University)  
McCleary, Wash.  
*Field of Specialization: Education*
- Doris Singer Fearing, B.A. (Waynesburg College) .... Columbus  
*Field of Specialization: Journalism*
- Brian Arthur Fitzsimmons, B.A. (University of Sydney)  
Epping, N. S. W., Australia  
*Field of Specialization: Speech*
- Dorence Ned Forman, B.S., B.S. in Ed. (Otterbein College) .... Pataskala  
*Field of Specialization: Education*
- Richard Joseph Froton, A.B. (Los Angeles State College) .... Columbus  
*Field of Specialization: Music*
- Donna Elaine Fry, B.A. (Baldwin-Wallace College) .... Canton  
*Field of Specialization: Speech*
- James Edwin Fugate III, A.B. (Asbury College) .... Grove City  
*Field of Specialization: Education*
- Gloria Irene Galanowsky, B.A. (Montclair State College) ... Clifton, N. J.  
*Field of Specialization: Speech*
- Manuel Garcia, B.S. in Edu. (Bowling Green State University) ... Burgoon  
*Field of Specialization: Romance Languages (Spanish)*
- Mithlesh Garg, B.A. (Agra University); M.A. (Banares Hindu  
 University) .... Meerut, U. P., India  
*Field of Specialization: Education*
- Carol Anne Geer, B.S. in Ed. (Bowling Green State University)  
Woodville  
*Field of Specialization: Education*
- Thomas Young Gibson, B.A. (Mexico City College) .... Columbus  
*Field of Specialization: Education*
- Elizabeth Brown Gilbert, B.A. (Western College) .... Worthington  
*Field of Specialization: Education*
- Ellen Catherine Gilbert, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Mary Alice Grant Gray, B.S. in Edu. (Kent State University) .... Rittman  
*Field of Specialization: Education*
- Sheldon Lee Greenberger, B.A. .... University Heights  
*Field of Specialization: Journalism*
- Eugene Charles Hagburg, B.A. (Dickinson State Teachers College,  
 North Dakota) .... Hilliard  
*Field of Specialization: Sociology*

- Dale Emerson Hall, B.S. Phar. (Ohio Northern University) ; Mus. B.  
(Oberlin College) ..... Marysville  
*Field of Specialization: Music*
- Lindley Lawrence Hall, B.S. Edu. (Wittenberg University) ..... Ashland  
*Field of Specialization: Music*
- James Calvert Halstead, B.A. (Carson-Newman College)  
St. Albans, W. Va.  
*Field of Specialization: Education*
- Stephen Paul Harter, B.Sc. .... Canton  
*Field of Specialization: Education*
- Earl Andrew Hayes, B.S. in Ed. (Pennsylvania State Teachers College,  
California) ..... Columbus  
*Field of Specialization: Education*
- Mary Helwig Hensley, A.B. (Marshall University) ..... Columbus  
*Field of Specialization: Education*
- Janet Gephart Hickman, B.Sc. in Edu. .... Kilbourne  
*Field of Specialization: Education*
- David Hopton, B.A. .... Worthington  
*Field of Specialization: Art*
- Paul David Horton, B.F.A. .... Pickerington  
*Field of Specialization: Art*
- Margaret Anne Hostetler, B.S. in Ed. (Wittenberg University)  
Smithville  
*Field of Specialization: Home Economics (Education)*
- Sarah Ellen Hough, B.A. (Mount Saint Mary College)  
West Lebanon, N. H.  
*Field of Specialization: Education*
- George Frederick Hubbard, A.B. (Marshall University) ..... Columbus  
*Field of Specialization: Education*
- Ronald John Hunt, B.Sc. in Bus. Adm. .... Dayton  
*Field of Specialization: Economics*
- Gordon A. Jacoby, A.B. (City College, New York) ..... New York, N. Y.  
*Field of Specialization: Speech*
- Mary Elaine Cox Jacoby, A.B. (Mount Holyoke College) ... New York, N. Y.  
*Field of Specialization: English*
- Clyde Willard Jentoft, A.B. (Capital University) ..... Blissfield, Mich.  
*Field of Specialization: English*
- William Sherman Johnson, B.S. in Ed. (Otterbein College) ..... Hilliard  
*Field of Specialization: Education*
- David Richard Jordan, A.B. (Morehead State College) ..... Grove City  
*Field of Specialization: Education*
- Eve Tammissoo Kangilaski, B.Sc. .... Columbus  
*Field of Specialization: Sociology*
- Rita Warren King, B.S. Ed. (Ohio University) ..... Minford  
*Field of Specialization: Education*
- Sara Ann Kline, B.A. in Ed. (University of Akron) ..... Akron  
*Field of Specialization: Psychology*



- Donald Walter Knight, B.A. (Hons.) (University of Western Australia)  
Nedlands, Australia  
*Field of Specialization: History*
- Ronald Dennis Krause, B.S. (Wisconsin State College, Oshkosh)  
Muscatine, Ia.  
*Field of Specialization: Education*
- Donald P. Lacy, B.A. (Concord College).....Bluefield, W. Va.  
*Field of Specialization: Political Science*
- Stuart C. Lane, B.A. (Swarthmore College); M.A. (Sacramento  
State College).....Fremont, Calif.  
*Field of Specialization: Education*
- Eleanor Phillips Lattimer, B.A., B.S. in L.S. (University of Buffalo)  
Glenmont, N. Y.  
*Field of Specialization: Education*
- Kenneth Arlo Lawhun, B.S. in Edu. (Kent State University).....Columbus  
*Field of Specialization: Education*
- Curtis Pleasant Lawrence, B.A. (Baylor University)....Pauls Valley, Okla.  
*Field of Specialization: Classical Languages (Latin)*
- Thomas Raymond Leidich, B.A. (Baylor University); B.Sc. in Edu.  
Painesville  
*Field of Specialization: Political Science*
- Gale John Leimbach, B.Sc. in Agr.....Berlin Heights  
*Field of Specialization: Agricultural Education*
- Waldo Dean Lewis, B.S. (Findlay College); B.Sc. in Edu.....Celina  
*Field of Specialization: Education*
- Ann Lee Lilly, B.S.P.E. (West Virginia University).....Beckley, W. Va.  
*Field of Specialization: Physical Education*
- Eloise Schrader Love, B.A. (Geneva College, Pennsylvania)  
Wellsburg, W. Va.  
*Field of Specialization: Education*
- Corbett Lovely, B.S. in Agr. (University of Kentucky).....Lucasville  
*Field of Specialization: Agricultural Education*
- Robert Eugene Lucas, B.A.....Dayton  
*Field of Specialization: Romance Languages (French)*
- Raymond John Luyster, B.S. in Edu. (University of Akron).....Dover  
*Field of Specialization: Education*
- Marianne Lynch, B.A., B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Sister Mary Julia MacDougall, B.S. in Edu. (Nazareth College,  
Kentucky) .....Clarksville, Ind.  
*Field of Specialization: Education*
- Sister Mary Janela Mack, A.B. (Clarke College, Iowa); M.A. (Catholic  
University of America).....Waterloo, Ia.  
*Field of Specialization: Education*
- Harry James Mahan, Jr., B.Sc. in Edu.....Bristolville  
*Field of Specialization: Education*
- Carolann Frances Martin, B.M. (Oklahoma City University)  
Palisade, Colo.  
*Field of Specialization: Music*

- Frank Leon Martin, B.A. (Ohio Wesleyan University).....Worthington  
*Field of Specialization: Physical Education*
- Howard William Martin, B.A. (Youngstown College).....Warren  
*Field of Specialization: Education*
- Raymond Frederick Martin, B.A. ....Columbus  
*Field of Specialization: Philosophy*
- Malik Yousif Mary .....Baghdad, Iraq  
*Field of Specialization: English*
- Patricia Smith McClure, B.S. in Edu. (Capital University).....Columbus  
*Field of Specialization: Education*
- Marion Asby McCoy, B.of Bus.Adm. (Marshall University)  
 Ripley, W. Va.  
*Field of Specialization: Education*
- Mary Alice Twining McMahan, B.Sc. in Edu.....Akron  
*Field of Specialization: Psychology*
- Harold Joseph Mercer, B.A. (West Liberty State College)....Barnesville  
*Field of Specialization: Physical Education*
- Carol Ann Michaels, A.B. (Marietta College).....Washington, Pa.  
*Field of Specialization: Speech*
- Ruth Semrad Molnar, B.S. in Ed. (Wittenberg University).....Columbus  
*Field of Specialization: Education*
- Charles Leslie Moone, B.F.A. (Ohio Wesleyan University); M.A.  
 Columbus  
*Field of Specialization: Art*
- Myron Lee Morford, B.A. (Thiel College).....Williamsfield  
*Field of Specialization: Education*
- Daniel Eugene Mueller, B.S. in Ed. (University of Dayton).....Delphos  
*Field of Specialization: Education*
- Sally Price Navin, B.A. (Long Beach State College, California)  
 Marysville  
*Field of Specialization: Education*
- Joseph Stuart Nolan, B.S.S.S. (John Carroll University)....North Canton  
*Field of Specialization: English*
- Thomas Raymond Owens, B.S. (Fordham University).....Columbus  
*Field of Specialization: Education*
- Francis Preston Patterson, B.Sc. in Edu.....Mansfield  
*Field of Specialization: Education*
- David Braden Patton, B.A. (College of Wooster).....Columbus  
*Field of Specialization: Political Science*
- Joseph James Pear, B.S. (University of Maryland)...University Park, Md.  
*Field of Specialization: Psychology*
- Sally Ann Plummer, A.B. (Hiram College).....Newark  
*Field of Specialization: Speech*
- Jean McCoskey Porter, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- William DeHaven Porter, A.B.J. (University of Georgia)...Lakeland, Fla.  
*Field of Specialization: Journalism*

- Arlene Theresa Przanowski, B.A. (Arizona State University) Phoenix, Ariz.  
*Field of Specialization: Education*
- Emilie Neff Rappoport, A.B. (Wittenberg University) .....Canton  
*Field of Specialization: Psychology*
- Armenette Armen Rau, B.Sc. in Soc. Adm.....Columbus  
*Field of Specialization: Education*
- Ronald Lee Redick, B.S. in Edu. (Ashland College).....Galion  
*Field of Specialization: Education*
- Sharon Smith Redick, B.Sc. in H.E.....Galion  
*Field of Specialization: Home Economics (Education)*
- Robert Eugene Reimsnyder, B.Sc. in Edu.....Crestline  
*Field of Specialization: Education*
- Catherine Wilkinson Reiter, A.B. (Marietta College).....Dayton  
*Field of Specialization: Education*
- Henry Rempel, B.Com. (University of Manitoba) Chortitz, Manitoba, Canada  
*Field of Specialization: Economics*
- Ann Catherine Roberts, B.S.P.E. (West Virginia University) Parkersburg, W.Va.  
*Field of Specialization: Physical Education*
- Audrey Dorothea Rogers, B.A., B.Sc. in Edu.....Akron  
*Field of Specialization: History*
- Jean Muir Rogers, B.A. (College of Wooster).....Columbus  
*Field of Specialization: English*
- Lucy Hester Rogge, B.Sc., B.Sc. in Edu.....Bryan  
*Field of Specialization: Psychology*
- Walter Raymond Roof, B.A. (Ohio Wesleyan University).....Delaware  
*Field of Specialization: Education*
- Don Eino Ryoti, B.A. (Northwestern University).....Belvidere, Ill.  
*Field of Specialization: Education*
- Karen Ann Savinsky, B.S. in Edu. (Kent State University).....Lorain  
*Field of Specialization: Education*
- Grace Schwacha Schlientz, B.A. (University of Alabama).....Marion  
*Field of Specialization: Education*
- Harry Charles Schlott, A.B. (Bluffton College).....Hilliard  
*Field of Specialization: Education*
- Frank Harvey Sessions, B.Sc. in Edu.....Apple Creek  
*Field of Specialization: Education*
- Michael Ray Shafer, B.A. (Morris Harvey College).....Clendenin, W. Va.  
*Field of Specialization: English*
- Leon Richard Shilling, B.S. (Western Michigan University) Litchfield, Mich.  
*Field of Specialization: Education*
- Grayce McVeigh Sills, B.S. in Nurs. (University of Dayton).....Dayton  
*Field of Specialization: Sociology*
- Richard Storey Simmonds, B.A. (Ohio Wesleyan University)....Cincinnati  
*Field of Specialization: English*

- Sam Spencer Smith, B.Sc. in Edu.....Waverly  
*Field of Specialization: Education*
- William Lemoyne Smith, B.Sc. in Edu.....New Athens  
*Field of Specialization: Education*
- George Edward Snow, B.A.....Columbus  
*Field of Specialization: History*
- Peter David Hitchings Stockton, B.A.....Maumee  
*Field of Specialization: Economics*
- Betty Jean Stoess, B.A. (University of Louisville).....Louisville, Ky.  
*Field of Specialization: Education*
- Joseph Francis Stranges, Jr., B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Durward Lee Sudduth, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Glen Edward Swigart, B.S. in Ed. (Miami University).....Celina  
*Field of Specialization: Education*
- Suzanne Swope, B.Sc. in Edu.....Rocky River  
*Field of Specialization: Speech*
- Dorothy Curry Taylor, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Mary Catherine Teague, B.A. (University of New Mexico) ..Roswell, N. M.  
*Field of Specialization: Psychology*
- Virginia Kay Thatcher, B.Sc. in Edu.....Delphos  
*Field of Specialization: Education*
- Robert John Theiss, B.S. (Western Reserve University) ....Olmsted Falls  
*Field of Specialization: Physical Education*
- Louise Fiorell Titchener, A.B. (Univeristy of Michigan).....Columbus  
*Field of Specialization: English*
- Gail Nygaard Traul, B.S. (University of Minnesota)....Minneapolis, Minn.  
*Field of Specialization: Speech*
- James Joseph Tritschler, B.A. (Catholic University of America)  
Columbus  
*Field of Specialization: Speech*
- Eileen Leitner Valcov, A.B. (Rutgers University).....Columbus  
*Field of Specialization: Psychology*
- Sherman Dean Vander Ark, A.B. in Ed. (Calvin College)....Holland, Mich.  
*Field of Specialization: Music*
- Connie Kay Vermillion, B.A.....Kenton  
*Field of Specialization: Sociology (Anthropology)*
- Ray Nelson Vermilya, Jr., B.Sc. in Edu.....Columbus  
*Field of Specialization: Music*
- James J. Ves'sells, B.S. (Sophia University, Japan).....Shawnee, Okla.  
*Field of Specialization: Education*
- Billy Carroll Vest, B.Sc. in Edu.....Willoughby  
*Field of Specialization: Classical Languages (Latin)*
- Thomas Loughlin Vince, B.S. in S.S. (John Carroll University) ...Cleveland  
*Field of Specialization: English*

- Anton Joseph Vishio, B.A. (La Salle College) . . . . . Philadelphia, Pa.  
*Field of Specialization: Classical Languages (Latin)*
- Diane Dennis Walker, B.Sc. in Soc. Adm. . . . . Columbus  
*Field of Specialization: Speech*
- Annette Cohen Walter, B.Sc. in Edu. . . . . Cleveland  
*Field of Specialization: Education*
- Nancy Weltzheimer Wardwell, B.A. (Ohio Wesleyan University) . . Columbus  
*Field of Specialization: Physical Education*
- Kenneth Earl Warling, B.S. in Ed. (Wilmington College) . . . . . Basil  
*Field of Specialization: Education*
- Robert Eugene Watts, B.S. in Edu. (Miami University) . . . . . Greenfield  
*Field of Specialization: Physical Education*
- Howard Grant Weaver, B.A., B.Sc. in Edu. . . . . Circleville  
*Field of Specialization: Education*
- Anne Lundy Welch, B.A. (Lake Erie College) . . . . . Columbus  
*Field of Specialization: History*
- Peggy Hearst Wesley, B.S. (Hampton Institute) . . . . . Daytona Beach, Fla.  
*Field of Specialization: Education*
- William Elmer West, B.S. Ed. (Ohio University) . . . . . McArthur  
*Field of Specialization: Education*
- Susan Gail Westbrook, A.B. (Wheaton College) . . . . . Wellington  
*Field of Specialization: Education*
- Terence Emerson Wheaton, B.Sc. in Bus. Adm. . . . . Toledo  
*Field of Specialization: Economics*
- Robert Noel Whitaker, B.Sc. in Edu. . . . . Mansfield  
*Field of Specialization: Education*
- Thomas Charles Whitehouse, A.B. (University of Pittsburgh) ; B.D.  
(Drew Theological Seminary) . . . . . Auburndale, Mass.  
*Field of Specialization: Education*
- Julian Keith Whitmer, B.S.E. (Arkansas State Teachers  
College) . . . . . Shenandoah Junction, W. Va.  
*Field of Specialization: Education*
- Roy Paul Wittlinger, B.A. (College of Wooster) . . . . . Barker, N. Y.  
*Field of Specialization: Psychology*
- Jesse Earle Woodman, B.A. (Ohio Wesleyan University) . . . . . Olmsted Falls  
*Field of Specialization: Classical Languages (Latin)*
- Cyrus Addison Yoakam, B.B.A. (University of Toledo) . . . . . Toledo  
*Field of Specialization: Psychology*
- Charles Lee Younkman, B.Sc. in Agr. . . . . Lafayette  
*Field of Specialization: Agricultural Education*
- Margaret Ann Zahn, B.Sc. in Soc. Wel. . . . . Lorain  
*Field of Specialization: Sociology*
- Greta Davidson Zidel, B.Sc. in Edu. . . . . Youngstown  
*Field of Specialization: Speech*

(Two hundred and two candidates)

### Master of Business Administration

- Edwin Miller Binder, B.A. (Saint Francis College, Pennsylvania) .....Worthington  
*Field of Specialization: Business Organization*
- Steven Charles Broughton, B.Sc. in Bus. Adm. .... Akron  
*Field of Specialization: Business Organization*
- Therll Willard Clagg, B.Sc. in Bus. Adm. .... Macedonia  
*Field of Specialization: Business Organization*
- David Truman Crary, B.Sc. in Bus. Adm. .... Upper Sandusky  
*Field of Specialization: Business Organization*
- Roger Stephan Delman, B.Sc. in Bus. Adm. .... Cleveland Heights  
*Field of Specialization: Business Organization*
- George Morey Evans, B.S. (Albright College, Pennsylvania) ; B.D.  
(Drew University) .... Columbus  
*Field of Specialization: Business Organization*
- Alan McKay Forrester, B.C.E. .... Lakewood  
*Field of Specialization: Business Organization*
- James Richard Hyde, B.A. (Sacramento State College) Grand Rapids, Mich.  
*Field of Specialization: Business Organization*
- Peter L. Mitsakos, B.S. (Lowell Technological Institute) .... Lowell, Mass.  
*Field of Specialization: Business Organization*
- Theodore Jaye Mock, B.Sc. .... Columbus  
*Field of Specialization: Business Organization*
- James Albert Newbrey, A.B. (Wilmington College) .... Washington C. H.  
*Field of Specialization: Business Organization*
- Robert Wilson Partridge, A.B. (Mount Union College) .... Dayton  
*Field of Specialization: Business Organization*
- Frank Harold Schembs, A.B. (Denison University) .... Cincinnati  
*Field of Specialization: Business Organization*
- William Paul Sexton, B.Sc. in Bus. Adm. .... Columbus  
*Field of Specialization: Business Organization*
- William Hasque Starnes, Jr., B.S. in Bus. Adm. (University of Tennessee)  
Columbus  
*Field of Specialization: Business Organization*
- Brian Carl Switzer, B.A. (Ohio Wesleyan University) .... Shaker Heights  
*Field of Specialization: Business Organization*
- Jerry Dale Todd, B.Sc. in Bus. Adm. .... Cincinnati  
*Field of Specialization: Business Organization*
- John Louis Watson, B.S. in Bus. (Miami University) .... Cleveland  
*Field of Specialization: Business Organization*
- Charles Anthony Willson, B.E.M., M.Sc. .... Columbus  
*Field of Specialization: Business Organization*
- Ken-ichi Yamaguchi, B.A. (Keio University) ... Holencho, Narashi, Japan  
*Field of Specialization: Business Organization*  
(Twenty candidates)

### Master of City Planning

- Martin Hibbert Vitz, B.A. (DePauw University) .... Cincinnati  
*Field of Specialization: Architecture (City Planning)*  
(One candidate)

### Master of Education

- Paul David Abke, B.S. in Edu. (Bowling Green State University) ..... Perrysburg  
*Field of Specialization: Education*
- Thelma Clark Bounds, B.S.Ed. (Ohio University) ..... Jacksontown  
*Field of Specialization: Education*
- Joyce Adelyn Burch, B.Sc. in Edu. .... Wilberforce  
*Field of Specialization: Education*
- Betty Jobes Carville, B.Sc. in Edu. .... St. Louisville  
*Field of Specialization: Education*
- Klaus Alfred Herrmann, B.Sc. in Bus.Adm. .... Bucyrus  
*Field of Specialization: Education*
- Charles Hudson, B.S. (Grambling College of Louisiana) .... Batchelor, La.  
*Field of Specialization: Education*
- Margaret Distler Isham, A.B. in Ed. (University of Kentucky) ..... Washington C. H.  
*Field of Specialization: Education*
- Viola Rivers Jenkins, B.S. in El.Edu. (Mount Union College) ..... Canton  
*Field of Specialization: Education*
- Richard Harvey Kirtley, B.S. (Beloit College, Wisconsin) ..... LaGrange Park, Ill.  
*Field of Specialization: Education*
- Elmo Terry Layman, B.Sc. in Agr. .... Fresno  
*Field of Specialization: Agricultural Education*
- Paul David Lehman, A.B. (Ohio University) ..... Pandora  
*Field of Specialization: Education*
- Frederick William Mengert, B.Sc. in Agr. .... Lucas  
*Field of Specialization: Agricultural Education*
- David Albert Merrick, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Leon Alvin Mitchell, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Dale Evan Morton, B.Sc. in Edu. .... Tiffin  
*Field of Specialization: Education*
- Gladys Katherine Oldaker, B.Sc. in Edu. .... Hebron  
*Field of Specialization: Education*
- Raymond Charles Pfriem, B.S.Ed. (Ohio University) ..... Cincinnati  
*Field of Specialization: Education*
- Corlene Cohan Reinhard, B. of Edu. (University of Toledo) ..... Columbus  
*Field of Specialization: Education*
- Eleanor Hoffman Schaefer, A.B. (Hunter College) ..... Columbus  
*Field of Specialization: Education*
- Maxine Schotte Staiger, B.A. (Ohio Wesleyan University) ..... Columbus  
*Field of Specialization: Education*
- Eugene John Weber, B.S. (Bluffton College) ..... Fort Jennings  
*Field of Specialization: Education*
- Frank Eugene Westall, B.S. (Huntington College) ..... Carroll  
*Field of Specialization: Education*

(Twenty-two candidates)

### Master of Medical Science

Delmar Lee Gheen, Jr., B.A. (Kent State University); M.D.....Canton  
*Field of Specialization: Pediatrics*  
(One candidate)

### Master of Science

Yousif Ali, B.S. (University of Baghdad) .....Baghdad, Iraq  
*Field of Specialization: Chemistry*

Ali Abdul-Hussain Al-Shamma .....Baghdad, Iraq  
*Field of Specialization: Pharmacy*

James William Altschuld, A.B. (Western Reserve University)  
University Heights  
*Field of Specialization: Chemistry*

Linda Kay Amos, B.Sc. in Nurs.....Van Buren  
*Field of Specialization: Nursing*

David Anthony, B.A. (University of Minnesota) .....Columbus  
*Field of Specialization: Geodetic Science*

William Daniel Ashton, B.C.E.....Piqua  
*Field of Specialization: Civil Engineering*

Jerry Randel Barber, B.S.Ch.E. (West Virginia University) ..Cottle, W. Va.  
*Field of Specialization: Chemical Engineering*

Clifford Andrew L. Becker, B.S. (College of Saint Thomas) ...Carlos, Minn.  
*Field of Specialization: Chemistry*

Woodson Woods Bercau, Jr., B.S. (Virginia Military Institute)  
Palmyra, Va.  
*Field of Specialization: Industrial Engineering*

Daniel Matthew Bergbauer, B.S.A.E. (Purdue University)  
Mays Landing, N. J.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Adi Darabshaw Bharucha, B.Sc. (University of Bombay) ...Bombay, India  
*Field of Specialization: Physiological Chemistry*

Elliott Lawrence Blinn, B.S. (University of Pittsburgh) ....Pittsburgh, Pa.  
*Field of Specialization: Chemistry*

Michael Roger William Bommer, B.M.E. (Cornell University)  
Batavia, N. Y.  
*Field of Specialization: Industrial Engineering*

Larry Irvin Bone, B.A. (Coe College, Iowa) .....Conrad, Ia.  
*Field of Specialization: Chemistry*

Robert Ivan Boughton, Jr., B.Sc. in Phys.....Hilliard  
*Field of Specialization: Physics*

Herbert Glenn Brown, B.Sc.....Bucyrus  
*Field of Specialization: Botany and Plant Pathology*

Donald Marvin Burke, B.S. (Capital University) .....Grove City  
*Field of Specialization: Chemistry*

Evelyn Anna Schumann Chadeayne, B.S. in Edu. (State University of  
New York Teachers College, Oneonta) .....Columbus  
*Field of Specialization: Home Economics*

Henry Francis Cole, B.S.Pharm. (Ohio Northern University) .....Parma  
*Field of Specialization: Pharmacy*

Peggy Dee Coleman, B.A. (Fisk University) .....Dayton  
*Field of Specialization: Microbiology*



- John Milton Condit, B.Sc. in Edu.....Worthington  
*Field of Specialization: Zoology*
- David Lawrence Copen, B.Sc. in Phys.....Yonkers, N. Y.  
*Field of Specialization: Physics*
- Charles Edward Crittendon, B.S. in Agr. (University of Delaware)  
Wilmington, Del.  
*Field of Specialization: Horticulture*
- Martin Van Cunningham, B.Sc. in Agr.....Middlefield  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Kamal Rashad Darghawth, B.E. (American University of Beirut)  
Beirut, Lebanon  
*Field of Specialization: Civil Engineering*
- Joe Douglas Darling, B.A. (Ohio Wesleyan University) .....Lyndhurst  
*Field of Specialization: Physics*
- Kenneth Ivan Daugherty, B.S. (Morehead State College) ....St. Louis, Mo.  
*Field of Specialization: Geodetic Science*
- John Emil Del Favero, V.M.D. (University of Pennsylvania) ..Nutley, N. J.  
*Field of Specialization: Veterinary Psychology*
- Anthony Primo DeThomas, B.S. (University of Maryland) .....Dayton  
*Field of Specialization: Electrical Engineering*
- Berndt Boris Dettloff, B.C.E.....Mt. Vernon  
*Field of Specialization: Civil Engineering*
- Jack Leo Devitt, B.Sc. in Agr.....McConnelsville  
*Field of Specialization: Agricultural Education*
- Louis Frank DeWein, B.Sc.....Ashtabula  
*Field of Specialization: Physiology*
- Charles Elden Dippel, B.S. (University of Dayton) .....Cleveland  
*Field of Specialization: Physics*
- James Leland Dragg, B.A. (University of Oklahoma) Oklahoma City, Okla.  
*Field of Specialization: Geodetic Science*
- William Harry Dudrow, B.S., B.S. in Edu. (Bowling Green State  
University) .....Waterville  
*Field of Specialization: Zoology*
- Bennie Shelton Dukes, B.S., D.M.D. (University of Louisville)  
Louisville, Ky.  
*Field of Specialization: Dentistry*
- Robert Bernhard Dybdal, B.E.E.....Dayton  
*Field of Specialization: Electrical Engineering*
- Richard David Dyer, B.Sc. in Agr.....Grove City  
*Field of Specialization: Agricultural Education*
- Barry Ronald Emrich, B.Cer.E.....Columbus  
*Field of Specialization: Ceramic Engineering*
- Thomas Lee Feldbush, B.S. (Mount Union College) .....Canton  
*Field of Specialization: Microbiology*
- William Robert Ferris, B.S in Ch.E. (Michigan College of Mining and  
Technology) .....Muskegon, Mich.  
*Field of Specialization: Chemical Engineering*
- Lois Anne Fey, B.Sc. in Nurs.....Tiffin  
*Field of Specialization: Nursing*

- John Baldwin Fried, B.S. (University of Mississippi) .....Springfield  
*Field of Specialization: Mathematics*
- Marianne Conley Friemoth, B.S. in Nurs. (College of Saint Mary of the  
 Springs) .....Cleveland  
*Field of Specialization: Nursing*
- Rudolf Joseph Fury .....Columbus  
*Field of Specialization: Geodetic Science*
- John Douglas Southmayd Gibson, B.S. (Duke University) .....Bellbrook  
*Field of Specialization: Industrial Engineering*
- Richard Marshall Gordon, B.Sc. ....Columbus  
*Field of Specialization: Mathematics*
- Robert Fredrick Gundlach, B.S. (University of Wisconsin) ..Madison, Wis.  
*Field of Specialization: Animal Science*
- Miguel Gutierrez-Fernandez, Ing. (Instituto Catolico de Arts e Industrias,  
 Madrid, Spain) .....Seville, Spain  
*Field of Specialization: Industrial Engineering*
- Ray Vernon Haning, Jr., B.A. ....Lakewood  
*Field of Specialization: Chemistry*
- Jeanne Boyle Hanks, B.A. (University of Wisconsin) ....Wauwatosa, Wis.  
*Field of Specialization: Zoology*
- Walter George Harter, B.Sc. in Agr. ....Columbus  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- John Griffin Hill, A.B. (Illinois College) .....Jacksonville, Ill.  
*Field of Specialization: Mathematics*
- Ruth Althea Hoon, B.S. (Baldwin-Wallace College) .....Cleveland  
*Field of Specialization: Preventive Medicine*
- William Page Howell, B.S. (United States Air Force Academy)  
 Newburgh, N. Y.  
*Field of Specialization: Physics*
- Linda Kay Hudson, B.S. (Alderson-Broadus College, West Virginia)  
 Charleston, W.Va.  
*Field of Specialization: Nursing*
- Man On Hwee, M.E. (Singapore Polytechnic) .....Singapore, Malaya  
*Field of Specialization: Mechanical Engineering*
- Donald Wilbur Imhoff, B.S. (Manchester College, Indiana) .....Wooster  
*Field of Specialization: Chemistry*
- James Maxwell Jaffe, B.Sc. in Phys. ....Dayton  
*Field of Specialization: Physics*
- Jan Olaf Johnson, B.I.E. ....Columbus  
*Field of Specialization: Industrial Engineering*
- Vivekananda Kandarpa, B.Sc. (Andhra University); M.Sc.  
 (Osmania University) .....Eluru, India  
*Field of Specialization: Metallurgical Engineering*
- Robert Frank Kaufmann, B.S. (Villanova University) Valley Stream, N. Y.  
*Field of Specialization: Geology*
- Hilda Sheron Keel, B.S. (East Carolina College) .....Robersonville, N.C.  
*Field of Specialization: Home Economics*
- \*Larry James Kerr .....Columbus  
*Field of Specialization: Industrial Engineering*
- Neil Roger Kilcoyne, B.E.E. ....Elmira, N. Y.  
*Field of Specialization: Electrical Engineering*

- Robert Wisner Kinne, B.Sc. in Phys.....Columbus  
*Field of Specialization: Physics*
- Melvin James Knapp, B.Sc. in Agr.....Castalia  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Alice Krokosh, B.Sc., B.Ed. (University of Alberta)  
 Edmonton, Alta., Canada  
*Field of Specialization: Home Economics*
- \*Michael John Kucha.....Brooklyn  
*Field of Specialization: Civil Engineering*
- Neal Edward Lamping, B.S. (University of Notre Dame)  
 Lakewood, Calif.  
*Field of Specialization: Geodetic Science*
- Bennon Lee, B.S. (Louisiana State University).....Coushette, La.  
*Field of Specialization: Geodetic Science*
- Joven Lee Lim, B.S.E.E., B.S.M.E. (Mapua Institute of Technology)  
 Calauag, Quezon, Philippines  
*Field of Specialization: Electrical Engineering*
- Donna Acheson Mack, B.Sc. in Nurs.....Coshocton  
*Field of Specialization: Nursing*
- Vera Barton Malahy, B.Sc. in Nurs.....Martins Ferry  
*Field of Specialization: Nursing*
- James Edwin Martin, D.D.S. (Emory University).....Deland, Fla.  
*Field of Specialization: Dentistry*
- \*Frederick Massouh.....Canton  
*Field of Specialization: Industrial Engineering*
- Kurt Edgar Merkel.....Karlsruhe, Germany  
*Field of Specialization: Chemistry*
- Paul Chase Miller, B.Survey (University of Queensland)  
 Queensland, Australia  
*Field of Specialization: Geodetic Science*
- James Kenneth Mitchell, Jr., B.A. (Williams College).....Pittsford, Vt.  
*Field of Specialization: Geodetic Science*
- William Clarence Moffitt, D.D.S.....Cuyahoga Falls  
*Field of Specialization: Dentistry*
- Yehia Saif El-Nasr Mohamed, B.V.M. (Cairo University)....Cairo, Egypt  
*Field of Specialization: Poultry Science*
- John Bela Molnar, B.S. in E.E. (University of Toledo).....Toledo  
*Field of Specialization: Electrical Engineering*
- Jack Chrisley Morris, D.M.D. (University of Louisville)....Lexington, Ky.  
*Field of Specialization: Dentistry*
- John Daniel Mosely, D.V.M. (Alabama Polytechnic Institute)  
 Donalsonville, Ga.  
*Field of Specialization: Veterinary Physiology*
- Richard Allan Neff, B.S. in Engr. Phys. (University of Oklahoma) ..Dayton  
*Field of Specialization: Physics*
- Robert William Ohlweiler, B.S.(Chem.), B.S.(Phys.) (University of Utah)  
 Dayton  
*Field of Specialization: Physics*

\* Two degrees

- Emmanuel Nwokoye Ojukwu, B.Sc. (University College of Swansea, Wales)  
Onitsha, Nigeria  
*Field of Specialization: Civil Engineering*
- Steven P. Pakes, B.Sc. in Agr., D.V.M.....Anderson, Ind.  
*Field of Specialization: Veterinary Pathology*
- Walter Nelson Piper, B.S. (Kent State University).....Rocky River  
*Field of Specialization: Agricultural Biochemistry*
- Raymond Bigelow Pond, B.A. (Ohio Wesleyan University).....Warren  
*Field of Specialization: Physics*
- James Faulkner Preston III, A.B. (Colgate University) ..Cleveland Heights  
*Field of Specialization: Agricultural Biochemistry*
- Rosalind Estelle Proell, B.S. (Beloit College).....Seymour, Ind.  
*Field of Specialization: Chemistry*
- Carol Halsted Robinson, B.S. (University of Connecticut)....Ramsey, N. J.  
*Field of Specialization: Nursing*
- Joanne Catherine Sabol, B.Sc. in Nurs.....Toronto  
*Field of Specialization: Nursing*
- Lois Wagenhals Sanders, B.Sc. in Nurs.....Columbus  
*Field of Specialization: Home Economics*
- Eric Edison Scheel, B.S.E.E. (Illinois Institute of Technology)  
Chicago, Ill.  
*Field of Specialization: Electrical Engineering*
- John Richard Schorr, B.Cer.E.....Columbus  
*Field of Specialization: Ceramic Engineering*
- Omar Birshu Banye Sendze, B.Sc. (Eng.) (University of London)  
Victoria, West Cameroon, West Africa  
*Field of Specialization: Civil Engineering*
- David Lee Shaw, B.S. (Mississippi State University).....Eupora, Miss.  
*Field of Specialization: Chemistry*
- Glenn Gordon Shephard, B.S. in E.E. (Newark College of Engineering)  
Red Bank, N. J.  
*Field of Specialization: Electrical Engineering*
- Larry Keith Shoup, B.S. in Phar. (Ohio Northern University) ..Wadsworth  
*Field of Specialization: Pharmacy*
- Alphonso Lehman Smith, B.Sc.....Memphis, Tenn.  
*Field of Specialization: Mathematics*
- Elton Mansfield Smith, Jr., B.S. (University of Connecticut)  
Mt. Carmel, Conn.  
*Field of Specialization: Horticulture*
- Vijay Chinnaswamy Swamy, B.Pharm. (Nagpur University) .Bombay, India  
*Field of Specialization: Pharmacy*
- James Tobias Teller, B.S. (University of Cincinnati).....Cincinnati  
*Field of Specialization: Geology*
- Gary Allen Thiele, B.S.E.E. (Purdue University).....East Cleveland  
*Field of Specialization: Electrical Engineering*
- Thomas Michael Tomaskovic, B.S. (Pennsylvania State University) Dayton  
*Field of Specialization: Chemistry*
- James Eugene Tourdot, B.E.E.....Canton  
*Field of Specialization: Electrical Engineering*

- Richard Edgerly Van Doeren, Geophys.Engr. (Colorado School of Mines)  
Winston-Salem, N. C.  
*Field of Specialization: Electrical Engineering*
- Johannes Cornelis Maria van Es . . . . . Maarssen, The Netherlands  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- William Donald Vann, B.S. (Virginia Polytechnic Institute) . . . . . Dayton  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Susan Clevenger Vierow, B.S. (Baldwin-Wallace College) . . . . . Columbus  
*Field of Specialization: Home Economics*
- Bert Kerr Waits II, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Mathematics*
- Rong-Ine Wang, B.Sc. (National Tawain University) . . . . . Columbus  
*Field of Specialization: Agricultural Biochemistry*
- Cletus Norman Welch, B.S. (Bowling Green State University) . . . . . Convoy  
*Field of Specialization: Chemistry*
- Samuel Earl Westerhouse, B.S. (Purdue University) . . . . . Monticello, Ind.  
*Field of Specialization: Microbiology*
- \*James Graham Williamson . . . . . Columbus  
*Field of Specialization: Physics*
- Watson Lamcnd Woods, B.S. (California State Polytechnic College)  
Fortuna, Calif.  
*Field of Specialization: Animal Science*
- \*William Robert Wortman . . . . . Wellston  
*Field of Specialization: Physics*
- Ronald Ainsworth Wright, B.S. (Purdue University); D.V.M.  
Terre Haute, Ind.  
*Field of Specialization: Physiology*
- Han-Nan Wu, B.Sc., M.Sc. (Taiwan Provincial Cheng-Kung University)  
Tainan, Taiwan, China  
*Field of Specialization: Civil Engineering*
- Milton Wyman, D.V.M. . . . . Chagrin Falls  
*Field of Specialization: Veterinary Medicine*
- Fike Amara Zahroon, B.Sc. (University of Baghdad) . . . . . Basrah, Iraq  
*Field of Specialization: Mathematics*
- (One hundred and twenty-three candidates)

**Master of Science  
in Public Administration**

- William Stewart Minton, A.B. (Miami University) . . . . . Troy  
*Field of Specialization: Political Science*  
(One candidate)

**Master of Social Work**

- Nancy Macnab Bruce, A.B. (Goucher College) . . . . . Columbus  
*Field of Specialization: Social Work*  
(One candidate)

\* Two degrees

## CANDIDATES FOR TWO DEGREES

- Emily Katherine Brown.....Mt. Vernon  
 Bachelor of Arts  
 Bachelor of Science in Education
- Nancy Kayla Eisenberg.....Cleveland  
 Bachelor of Arts  
 Bachelor of Science in Education
- Karen Ann Elliott.....Lisbon  
 Bachelor of Arts  
 Bachelor of Science in Education
- Sharon Gayle Hoke.....Dayton  
 Bachelor of Arts  
 Bachelor of Science in Education
- Larry James Kerr.....Columbus  
 Master of Science  
 Bachelor of Industrial Engineering
- Michael John Kucha.....Brooklyn  
 Master of Science  
 Bachelor of Civil Engineering (cum laude)
- Frederick Massouh.....Canton  
 Master of Science  
 Bachelor of Industrial Engineering
- Nancy Eleanore McKinstry.....Lancaster  
 Bachelor of Arts  
 Bachelor of Science in Education
- Frances Fennell McLennan.....Saratoga, Calif.  
 Bachelor of Arts  
 Bachelor of Science in Education
- David Wallace Oakley.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education
- Jerald Eugene Robinson.....Cincinnati  
 Bachelor of Science in Education  
 Bachelor of Music
- James Graham Williamson.....Columbus  
 Master of Science  
 Bachelor of Science in Physics
- William Robert Wortman.....Wellston  
 Master of Science  
 Bachelor of Science in Physics (summa cum laude)

(Thirteen candidates)

# COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Acting Dean: T. SCOTT SUTTON

## Bachelor of Science in Agricultural Biochemistry

Michael Miles Fulton.....Cheshire  
(One candidate)

## Bachelor of Science in Agriculture

Eric Donald Andreoli.....Wadsworth  
Aaron Paul Babcock.....Risingsun  
Harlan Henry Bockbrader.....Woodville  
Robert Lee Brandt, Jr.....Ansonia  
Jerry Lee Brown.....Casstown  
Bruce Otto Burnham.....Berlin Heights  
Robert Earle Chase.....Willard  
Alan Sheril Cohen.....Cincinnati  
Paul Eugene Ewing.....Jeromesville  
Allen Avery Green.....Weston  
Gary Lee Harvey.....Greenfield  
Anne Elizabeth Hauserman.....Cleveland  
Ronald Lloyd Hoffman.....Circleville  
Douglas Kerr Hoover.....Bucyrus  
Douglas Albert Kayser.....Leavittsburg  
Robert Ralph Lane.....Worthington  
Robert George Maurer.....Vermilion  
William Michael McGrane.....Toledo  
Joseph McKay Miller.....Eldorado  
David Keith Myers.....Richwood  
Kenneth Donald Nartker.....Liberty Center  
Susan Jill Osborne.....West Milton  
James Richard Rees.....New Carlisle  
David MacDonald Richardson.....Cincinnati  
James Emery Schriver.....Grafton  
James Richard Shiley.....Fostoria  
Roger Ray Smith.....McConnelsville  
Thomas Lynn Sporleder.....Swanton  
Ernest Edward Steinle.....Cincinnati  
Timothy Warren Thomas.....Dayton  
Bruce Swan Trevenen.....Houston, Tex.  
Norman Clinton Truesdell.....Upper Sandusky  
John Albert Wachtmann.....Delta  
John Robert Waelde.....Newcomerstown  
James DeHart Westerman.....Greenwich  
Robert Dawson Wickline.....New Burlington  
Rose Marie Wilson.....Columbus  
John Reamer Wrage.....Toledo

(Thirty-eight candidates)

## Bachelor of Science in Food Technology

John David Guckenberger.....Cincinnati  
John Edwin Haney.....Twinsburg

(Two candidates)

## SCHOOL OF HOME ECONOMICS

### Bachelor of Science in Home Economics

Barbara Jane Bauermeister.....	Columbus
Elesa Jane Bieser.....	Dayton
Arlita Jean Burnett.....	Columbus
Marilee Bachman Deeds.....	Columbus
Marian Jeanne Gottlieb.....	East Liverpool
Frary Emma Hager.....	Seattle, Wash.
Mary Jane Jones.....	Columbus
Mary Louise Kearns.....	Columbus
Sharonlee Knepshield.....	Middletown
Katherine Long (cum laude).....	Cadiz
Ayten Mehmet Riza.....	Nicosia, Cyprus
Paula Sartain Ross.....	Kingsport, Tenn.
Joanne Shilling Weber.....	Pittsburgh, Pa.
Clare Truesdell Wilson.....	Columbus
Jean Weiland Wittig.....	Columbus

(Fifteen candidates)



# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

Eli Agrenovitz.....	Youngstown
Kathleen Caliendo Anderson.....	Chicago, Ill.
Joseph Kent Arnold.....	Columbus
Alfred Ernest Baerkircher.....	Bucyrus
Ronald Simpson Barclay.....	Columbus
Marianne P. B. Barendregt.....	Xenia
Barbara Louise Barnett.....	Columbus
James Wilson Barnhouse.....	North Canton
Dwight William Behrend.....	Poland
Margaret Ann Benton.....	Ft. Pierce, Fla.
Ralph Dennis Blose (cum laude).....	Mt. Gilead
Daniel Howard Bolin.....	Columbus
Ronald Wilbur Boller.....	Gaither, Md.
Julia Edith Boss.....	Cincinnati
Richard Carlton Brooks.....	Dayton
*Emily Katherine Brown.....	Mt. Vernon
Sue Ellen Brumbaugh.....	Dayton
Sandra Sue Brumfield.....	Middletown
David George Buehne.....	Columbus
Brian Lee Burley.....	Columbus
Stephen Thomas Bushi.....	Cleveland
Malcolm William Callison.....	Syracuse, N. Y.
John Clifford Camp.....	Wilmington
John Bruce Cantrell.....	Akron
Christopher Clemens Caudill.....	Worthington
Susan Jane Coleman.....	Worthington
Lawrence Wayne Corrigan.....	Mingo Junction
Mary Jo Cotter.....	Worthington
Jon Walter Cramer.....	Dayton
Alan R. Cunningham.....	Lafayette, Ind.
Gary Leslie Dann.....	Shaker Heights
Paul Roger Dobelstein.....	Mentor
Roxanne Donahey.....	Worthington
David Lynn Eager.....	Elyria
*Nancy Kayla Eisenberg.....	Cleveland
*Karen Ann Elliott.....	Lisbon
Richard Wayne Emerson.....	Bucyrus
Paulette Sue Fegley.....	Magnetic Springs
Mary Ellen Ficocella.....	Columbus
Jon Gfell Finkler.....	Bellevue
Michael Lawrence Finn.....	Columbus
Edward Charles Fitzpatrick.....	Columbus
Carl Flaxman.....	Elkins Park, Pa.
Leonard Bernhart Freed.....	Toledo
Phillip Kay Fulkerson (cum laude).....	Dayton
Robert Perry Fuller.....	Ravenna
James Joseph Gartland.....	Columbus
Dennis Allen Glazer.....	University Heights
Edwin John Gossett (cum laude).....	Dennison
Rodney Leonard Gould.....	Columbus
Robert Michael Grady.....	Columbus

\* Two degrees

Anda Baiba Grinhagens.....	Springfield
Robert Lowell Hammond.....	Bloomingsburg
Carl Gilbert Hansen.....	Chagrin Falls
Dale Ralph Hansen.....	Massillon
Thomas Edward Harries.....	Columbus
Jean Ann Hautman.....	Cincinnati
Carl Robert Henning, Jr.....	Mt. Vernon
Darilee Ann Heston.....	Columbus
Arnold Ray Highfield.....	New Boston
Martin Bryon Hirsch.....	Bayside, N. Y.
Carolyn Marie Hoffert.....	Fremont
*Sharon Gayle Hoke.....	Dayton
Toby Fay Horwitz.....	Shaker Heights
Edward Franklin Jackson, Jr.....	Columbus
Leila Jeanne Johnsen.....	Cincinnati
Patricia Ellen Kaercher.....	Salem
Gerard Stephen Kakos.....	Indianapolis, Ind.
Alan Karp.....	Yonkers, N. Y.
Patricia Ann Kerns.....	Columbus
John Francis Kline.....	Cleveland
Jan Dean Larcom.....	Troy
Douglas Winston Lathrem.....	Kettering
Nanci Starbuck Lewis (with Distinction in English).....	Mentor
William Dallas Lewis.....	Columbus
Steven Hilary Lichtblau.....	Canton
Joseph Kimbrough Lyle.....	Cincinnati
Ronald Creighton Martin.....	Zanesville
Thomas Raymond McClain.....	Marion
Jon Anthony McCluskey.....	Western Springs, Ill.
William Lort McCowan, Jr.....	Dayton
*Nancy Eleanore McKinstry.....	Lancaster
*Frances Fennell McLennan.....	Saratoga, Calif.
Alan Foster Meyer.....	Akron
Charles Conrad Milliken.....	Burton
Janice Miles Newman.....	Findlay
*David Wallace Oakley.....	Columbus
Henry Jitsuke Oga.....	Mentor
Reginald Dennis Olson.....	Parma
Charles Nicholas Onufer.....	Youngstown
Michael Stephen Pallak.....	Painesville
Nicholas Andrew Pittner.....	Ottoville
Judith Anne Pozz (cum laude).....	Grove City
Franklin Bruce Price.....	Cleveland Heights
Richard Alan Reveley.....	Kent
Charlotte Lockard Rhoades.....	Chillicothe
Susan Richstone.....	Youngstown
Leonard Harrison Robinson, Jr.....	Greensboro, N. C.
Herman Roy Rosenbusch.....	Columbus
Linda Diane Rostocil.....	Akron
William Craig Roth (cum laude and with Distinction in History).....	Columbus
Carolyn Sue Sessum.....	Somerset
Robert Alan Sidney.....	University Heights
Laurence David Silver.....	Cleveland Heights
Tillmon Lee Simmons.....	Rainelle, W. Va.
William George Simon.....	Ravenna
Charles Cecil Smith.....	Tipp City

\* Two degrees

Pamela Argus Smith.....	Columbus
V. Roy Smith.....	Vermilion
Julia Marie Spires.....	Columbus
Charlotte Abigail Stoll.....	Chillicothe
Richard Ivan Tapper.....	Akron
Jeanne Mary Tatro.....	Westfield, N. J.
John William Timmons, Jr.....	Greenville
Deno George Torges.....	St. Clairsville
Mary Ramser Torges, B.Sc. in Edu.....	Shadyside
Louis George Tornatzky, Jr. (cum laude).....	Cleveland
William Eugene Unger.....	Mt. Morris, Ill.
Susan Kadow Watson.....	Mt. Vernon
Samuel Lear Webster.....	Bellefontaine
Jane Carole Westheimer.....	Long Beach, N. Y.
Norman Dean Wheatcraft.....	Defiance
Albert McNeil White.....	Chillicothe
Richard Darby Williams, Jr. (cum laude and with Distinction in English).....	Mansfield
Carl Thompson Wolfrom.....	Columbus
Judith Anne Wright (summa cum laude).....	Columbus
Harry Zibners (summa cum laude).....	Columbus

(One hundred and twenty-seven candidates)

#### Bachelor of Science

James Stanley Bacon.....	Columbus
Nancy Mary Becher.....	Columbus
Henry Roland Besch, Jr.....	Columbus
Mahlon Clarence Boyer.....	Swarthmore, Pa.
Philip Ashton Brooks.....	Nelsonville
Robert Henry Broomall.....	Salem
Ronald John Carlotti.....	Bethesda
Kenneth Jerome Clark.....	Columbus
David Clyde Conrad.....	Waynesburg
Howard Delton Day.....	Lantana, Fla.
Paul Knowles DeLaMater.....	Slingerlands, N. Y.
Eugene Rexroth DeSilets, Jr.....	Columbus
Terry Leroy Dickinson.....	Toledo
Donald Arthur Drum.....	Kinsman
Daria Dubas.....	Cleveland
Walter James Elgin (cum laude).....	Berea
Sue Lynn Elicker.....	Marion
Lois Rachel Gantverg.....	University Heights
David Buchanan Gill.....	Mt. Vernon
Ned Mitchell Goldfarb.....	Kingston, N. Y.
David Charles Graumlich.....	Westerville
Patricia Dianne Gregg.....	Dayton
Madeline Molnar Hall.....	Columbus
Abigail Harding.....	Worthington
Nancy Lee Hays.....	Middletown
Edmund Michael Herb.....	Zanesville
Stuart Ellis Hirsch.....	Shaker Heights
Edward Eugene Hockenbery.....	West Jefferson
Thomas Earl Hodgson.....	Columbus
John Ivor Hollenbeck.....	Columbus
James Arthur Hughes.....	Baltimore

Elaine Beatrice Hyatt.....	Cincinnati
Stuart Sanders Jeffery.....	Fostoria
John Joseph Jenkinson.....	Columbus
Jerome Oliver Jerome.....	Cleveland
Kenneth Robert Keyser.....	Lorain
Robert Kenneth Klein.....	Dayton
Thomas Christopher Kowalski.....	Cleveland
Nicholas K. Krier (cum laude).....	Columbus
Laurence Edward Kunes.....	Geneva
Paul Ivan Kuppin.....	Dayton
Ronald Gerald Leddy.....	Columbus
Carl James Lehwald.....	Salem
David Alan Lief.....	Cleveland
John Rolland Louden.....	Xenia
John Earl Lowden.....	Columbus
Michael Scott Mabee.....	Cleveland
John Coulter Marshall.....	Kent
David Miller McCarthy.....	Ashtabula
Bruce Phillip McCoy.....	Dayton
Mildred Anne McKee (cum laude).....	Portsmouth
Gilbert Jay Minson.....	Cincinnati
Richard Sherburne Newsome (cum laude).....	Columbus
Walter Watkins Nielsen.....	Dayton
Ivan Hillel Norman.....	Louisville, Ky.
Richard Dixon North.....	Georgetown, S. C.
Charles Wesley Norton, Jr.....	Charleston, S. C.
Edward Okel.....	Olmsted Falls
Donald Charles Olson.....	Columbus
Ludvik Pfeifer (cum laude).....	Eugene, Ore.
Charles Edward Pohle.....	Columbus
Walter Elwin Quellhorst.....	Eastlake
Roberto Antonio Ramirez.....	Caracas, Venezuela
Norman Lee Rearick.....	Toledo
John Henry Roszmann.....	Washington C. H.
Donald Frederick Rule.....	Columbus
James Ronald Schamp.....	St. Marys
Bernard John Scherger, Jr.....	Fostoria
Jeffrey Schlom.....	Brooklyn, N. Y.
Lawrence Eugene Sheffield.....	Elyria
William Thomas Smith.....	Columbus
Gretchen Elizabeth Snavely.....	Westerville
Richard Allan Spencer.....	Providence, R. I.
Richard Melvin Springer, B.A. (Evansville College).....	Newburgh, Ind.
Myrle Eugene Stratton.....	Toledo
Dennis Earl Tallman.....	Bellefontaine
James Stephan Traub.....	Columbus
Jerome Williams Tucker.....	Edgewood, R. I.
Peter John Utrata.....	Chillicothe
Constance Mary Wendt (cum laude).....	Elmore
Stephen Bowers Wilson.....	Columbus
John Sohn Wolfe.....	Dayton
Frances Babcock Wolverton.....	Columbus
Alan Morris Young.....	Bedford
Donald Lynn Zimmerman.....	Bluffton

(Eighty-five candidates)

**Bachelor of Science  
in Medical Technology**

George David Bates.....	Dayton
Gayle Helen Birkbeck.....	Dayton
Kathie Eloise Frahm.....	Troy
Marie Denise Kohan.....	Painesville
Trudy Ann Lay.....	Buckeye Lake
Joyce Frances Levy.....	Baltimore, Md.
Wanda Mae Newell.....	Delaware
Sandra Fowler Taylor.....	Xenia
Jacqueline Philpot Thomas.....	Columbus

(Nine candidates)

**Bachelor of Science  
in Physical Therapy**

Linda Elaine Bauer.....	Watertown, N. Y.
William Boyer Daugherty, Jr.....	Worthington
Bonnie Jean Drysdale.....	LeRoy, N. Y.
Judith Kay Ludwig.....	Zanesville
James Ronald Morrow.....	Columbus
Barbara Jean Shiflet.....	Aliquippa, Pa.
Peggy Taliak.....	Parma
Carolyn Louise Wilson (summa cum laude).....	Kincheloe A.F.B., Mich.

(Eight candidates)

**SCHOOL OF JOURNALISM**

**Bachelor of Arts**

Burt Randolph Jerome Graeff.....	Cleveland
Stephen London Nidetz.....	Evanston, Ill.

(Two candidates)

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

## Bachelor of Science in Business Administration

David Charles Alfonso.....	New Philadelphia
John Edward Barber.....	Cleveland
Richard Lee Barkhurst.....	Dillonvale
Edwin Jay Baum.....	St. Louis, Mo.
Roland Lyman Black, Jr.....	Toledo
Robert Dennis Boos.....	Dayton
Bruce Dennis Boyd.....	North Olmsted
Robert Lee Brittigan (cum laude).....	Marietta
Gilbert Allan Brown.....	Martins Ferry
Richard Thomas Brown.....	Mt. Vernon
Dennis Allan Carter.....	Springfield
Wilbur Eugene Chapman.....	Clymer, Pa.
Stanford Allen Chernetz.....	Shaker Heights
John Rocco Climaco.....	Cleveland
Thomas Blake Combs.....	Lakewood
Barry Alan Cousins.....	Toledo
Charles Kenneth Crawford.....	Malden, Mo.
Paul Gordon Davis.....	Lakewood
Gerald Lutrelle DeGood.....	Marysville
Philip Byron Dennison.....	Columbus
Edward Francis Dierker.....	Dayton
Michael Robin Disch.....	Cleveland
Richard Dale Dodez.....	Akron
Wallace Darrel Dundas.....	Windsor, Mo.
James Alfred Easton.....	Marysville
Benjamin David Eisler.....	Fremont
Richard Clinton Fenstermaker.....	Powell
Robert Potter Fickell.....	Columbus
Mark David Foote.....	Sandusky
Eddie Gordy Freret.....	Saucier, Miss.
Alan Joseph Ganim.....	Shaker Heights
Joseph Thomas Gardner.....	Cleveland
Eleanor June Garvin.....	Mansfield
Myron Marx Geis.....	Massillon
John Michael Gerard.....	Piqua
Daniel Marvin Gilmore.....	Warren
Benjamin Alex Goldman.....	Mansfield
Adriel Clark Gray.....	Shelbyville, Ky.
Leonard Sherwin Greenwald.....	South Euclid
Raymond Edward Grier.....	Cleveland
Malcolm J. Gudis.....	Kettering
Thomas William Hall.....	Coshocton
Cary Ross Headington.....	Mt. Victory
Robert James Hunter.....	Lima
John Russell Justice.....	Columbiana
Richard Overbeke Kaplan.....	Shaker Heights
Kent Rogers Kelly.....	Bay Village
Richard Edward Kibbey.....	Marion
David Clark King.....	Dayton
Bodo Bernhard Klink.....	Columbus

Charles Edward Korb.....	Delphos
Donald Lee Korb.....	Delphos
Thomas Williams Lacey.....	Columbus
James Owen Larrison.....	Santa Fe Springs, Calif.
Daniel Robert Lorey.....	Mt. Vernon
Hugh Frederick Madden.....	Frazeysburg
Charles Mamula.....	Martins Ferry
David Ray Maxwell.....	Euclid
Daniel Rooney Mereness.....	Dayton
Vincent Edward Meyer.....	Deshler
John Mikusa, Jr.....	Bucyrus
Lawrence Stephen Miner, Jr.....	Marietta
Peter William Minges.....	Cincinnati
Brian Harold Moore.....	Lexington
Thomas Preston Muir.....	Mansfield
Charles Munsch.....	Columbus
Stanley Lee Myers.....	Columbus
John Capistran O'Neill.....	New Foundland, N. J.
James William Opperman.....	Kitchener, Ont., Canada
Joseph Camillo Piccioni.....	Lawrence, Pa.
Thomas Craig Pitcock.....	Newark
Hughbert Dewitt Poore, Jr.....	Dayton
Richard Ervel Reamer.....	Toledo
David Lewis Rogers.....	Columbus
Ulysses Grant Sain.....	Columbus
Thomas Aaron Saner.....	Bethel
Harold Franklin Sauber.....	Napoleon
James Edward Schilder.....	Chillicothe
John David Schmitt.....	Chardon
Richard David Schrock.....	Columbus
Raymond Smith Schroer.....	Tiffin
David William Schumaker.....	Columbus
Lloyd Joseph Shulman.....	New York, N. Y.
Robert Everett Smith.....	Columbus
Frederick Wood Snider.....	Columbus
Robert Chester Sollie.....	Columbus
Eric Lynn Sontag.....	Felicity
Jay John Spadinger.....	Buffalo, N. Y.
Edward Hays Thomas, B.A.....	Lima
Gerald Allen Thompson.....	Columbus
Vance Gordon Troutman.....	Columbus
Marlowe Edward Ubl.....	Mankato, Minn.
Steve Albert Vasil.....	Cleveland
Michael William Wemer.....	Columbus
Donald Ralph Yert.....	Euclid
Arthur Milton Zellner.....	Mansfield

(Ninety-six candidates)

### Bachelor of Science in Social Welfare

Hal Bernard Cohen.....	University Heights
Sharon Frye Dudash.....	Columbus
Nancy Joan Edelstein.....	Johnstown, Pa.
Linda Herd Fries.....	Columbus
Suzanne LaCourt Howe.....	Madison, Wis.
Gloria Sue Johnson.....	Lucasville

Grace Ann Keller.....Columbus  
 Sonja Louise Kern.....Dayton  
 William Douglas McCoard.....Circleville  
 Karen Ball Miner.....Hamilton  
 John Ernst Pabst.....Dayton  
 Nancilyn Priest Phipps.....Columbus  
 Louise Elaine Pittenger.....Crestline  
 Maxine Cole Raider.....Shaker Heights  
 Katherine Mengert Sullivan (cum laude).....Worthington  
 Judith Lynne Wilcox.....Paducah, Ky.  
 Rima Sandbank Worth.....Oberlin

(Seventeen candidates)



**COLLEGE OF DENTISTRY**

Acting Dean: JOHN R. WILSON

**Doctor of Dental Surgery**

Louis William Breitenbach.....Cincinnati  
Kenneth Merlyn Deeds, B.Sc.....Columbus  
Stephen Lee Renner, B.S. (Ohio University) .....Ironton

(Three candidates)

# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Gwendolyn Erwin Addy.....	Marion
Betsy Gomez Adler.....	Reynoldsburg
Gloria Sue Agler.....	Willshire
Karen Hoff Baerkircher.....	Medina
Alice Mills Baker.....	Pataskala
Kathryn Ann Baker.....	Columbus
Robert Edward Barkhurst.....	Lima
Patricia Belle Barlow.....	Columbus
Kathryn Louise Barnett.....	Middletown
James Ross Bartz.....	Columbus Grove
Dorothy Brenner Beetham.....	Columbus
Penelope Dix Bernard.....	Dublin
Sharon Louise Bizily.....	Euclid
Susan Ann Boder.....	Columbus
George Edison Bonar.....	Carrollton
Barbara Gehring Brehmer (cum laude).....	Columbus
Susan Holmes Brewster.....	Coshocton
*Emily Katherine Brown.....	Mt. Vernon
Marcy Basye Brown.....	Columbus
Robert Owen Bruney.....	Dillonvale
Toby Marlene Buchler.....	Cleveland Heights
Carolyn Maryanne Buri.....	Lorain
Carolyn Wells Cadwallader.....	Springfield
Molly Anna Cashbaugh.....	Columbus
William Harper Casto, Jr.....	Columbus
Larry Joseph Cepek.....	Columbus
Patricia Babcock Child, B.Sc.....	Findlay
Jane Stacey Church, B.A.....	Columbiana
Linda Marcia Clein.....	Atlanta, Ga.
Susan Light Coffman.....	Bucyrus
Michael William Comrie.....	Cleveland
Donna Terry Conrad.....	Columbus
Lester Eugene Corbett.....	Columbus
Joan Barnes Corwin.....	Bowling Green
Alta Mildred Coulter.....	Mt. Perry
Rachel Ann Cox, A.B. (Milligan College, Tennessee).....	Columbus
William Eugene Curtis.....	Troy
Mary Anne Darakis.....	Springfield
Barbara Bagwell Darling.....	Knoxville, Tenn.
Carole Tuthill Davis.....	Bexley
Joy Anne Defenbaugh.....	Columbus
Robert Carstens DeGroot.....	Columbus
Rocco William DiPierro.....	Warrensville
Mildred Vessels Dorff.....	Columbus
Dennis Thomas Dragan.....	Cleveland
Patricia Ann Drake.....	Cleveland
Barbara Jean Duffey.....	Columbus
Janet Weldy Dumm.....	Lima
Frank Clifford Eichensehr (cum laude).....	Westerville
*Nancy Kayla Eisenberg.....	Cleveland

\* Two degrees

*Karen Ann Elliott.....	Lisbon
Lois Martin Erdmann.....	Columbus
Mark Thomas Fazey.....	Elyria
Donald Howard Fields, Jr.....	Worthington
Nancy Kremer Fleet.....	Columbus
Carol Jean Flick.....	Columbus
Alice McCoy Francis.....	Columbus
Rodric Smith Frazer.....	Gallipolis
Doris Graybill Freeman.....	Columbus
Gilbert Lee Fuleki.....	Columbus
Charles Floyd Fulton.....	Columbus
Dina Garza.....	Old Fort
Myrna Snodgrass Geis.....	Cincinnati
Allan Eugene George.....	Canton
Claudia Marie Gidcomb.....	Columbus
Julia Schenk Gilbert.....	Newark
Marcia Vallet Glueck.....	Toledo
Bonita Dorsey Gordon.....	Columbus
Thomas Edwin Gordon.....	Rockford
Lee Minter Goss.....	Columbus
Karen Lenora Gritzmaker.....	Botkins
Diane Patricia Groom.....	Chillicothe
Janice Cawthra Gunderman.....	Cleveland
Judith Moody Hale.....	Ashland
Nancy Wiley Hankle.....	Beverly
Judianne Courter Harbaugh.....	Powell
Gayle Gillaspay Harvey.....	Berea
James Lee Haskett.....	Dennison
Michael Bruce Hawkins.....	Galion
Sue Ludolph Hedrick.....	Columbus
David Roy Heigle.....	Gahanna
Joanne Mary Helwig.....	Columbus
Holly Elisabeth Herget.....	Covington, Ky.
Judith Ann Heringhaus.....	Mansfield
Charles Richard Higgins.....	Vandalia
Carolyn Rohr Hildreth.....	Columbus
Lucy Anne Hines.....	Columbus
Phyllis Murphy Hlasten.....	Fremont
*Sharon Gayle Hoke.....	Dayton
Walter Curtis Horton.....	St. Marys
Georgene Hovance.....	Cleveland
Rebecca Heath Howard.....	Lyndhurst
Donald Dennis Hullinger.....	Lima
William Connelly Hutchison, B.Sc. in Bus. Adm.....	Columbus
Dennis Elton Iguchi.....	Columbus
James Ervin Immelt.....	Columbus
Allen Herbert Israel.....	Columbus
Daniel Lee Jarrett.....	Englewood
Bonnie Lee Johnson.....	Trotwood
Clarence Arther Jones.....	Delaware
Kay B. Jones.....	Columbus
Janice Whipple Kendrick.....	Madison
James Eugene King.....	Hillsboro
Jeanne Carolyn Kinsel.....	Columbus
Steve Kokovich, Jr., B.A. (Muskingum College).....	Adena
David Russell Kondracke.....	Evergreen Park, Ill.

\* Two degrees

Stanley Michael Kravitz.....	Columbus
Kody Jeanne Krick.....	Columbus
Roberta Faith Krosky.....	Elizabeth, N. J.
Jerome Albert Lacher, Jr.....	Belle Center
Michael Willard Ledford.....	Franklin
Margaret Joanne Leech.....	Columbus
Patricia Rich Leeds.....	Akron
Gary Robert Leibrock.....	Hamilton
Ruby Capitola Lephart.....	Columbus
Bonnie Lee Levitt.....	Dayton
Price William Lewis.....	Alpha
Ethel Beryl Loden.....	Canton
Sharon LeCrone Love.....	Columbus
Gary Boyd Lumannick.....	Maple Heights
Ralph Nikolas Macioci.....	Columbus
Bert Eugene Mahaffey.....	Uhrichsville
Judith Seeker Markland.....	West Milton
Kay Turner Mason.....	Columbus
Russell Calhoon Mathias.....	Tuscarawas
Michael Andrew Matthaes.....	Columbus
Carolyn Smith Maurice.....	Fairborn
Julian Dale Maxey.....	Columbus
David Lee Mays.....	Piqua
Richard Eugene McClead.....	Marion
Geneva Rose McGannon.....	Columbus
Sheila Jean McIlrath.....	Columbus
*Nancy Eleanore McKinstry.....	Lancaster
*Frances Fennell McLennan.....	Saratoga, Calif.
Mary Joan McNichols.....	Columbus
Howard Owen Merriman, B.S. in Bus. (Miami University).....	Columbus
Keith Linus Miller.....	Lebanon
Lyle William Miller.....	Fostoria
Larry Garman Moody.....	Whitehall
Ethel Burke Moore.....	Grove City
Robert Eugene Moore.....	Sidney
Ruth Anna Morgan.....	Columbus
Vicky Ann Morris.....	Southfield, Mich.
Harley Martin Mull.....	Canton
Delores Mae Neal.....	Columbus
Rosemary Neely.....	East Lansing, Mich.
Otis Nicholas Nelson.....	Cincinnati
Jackie Kay Nolan.....	Celina
Richard Lee Nupuf.....	Canton
*David Wallace Oakley.....	Columbus
Brenda Ann Ott.....	Akron
Robert Owen Palmer.....	Hopewell
Kenneth George Peck.....	Cleveland
David Neil Pence.....	Columbus
Marianne Perine.....	Powell
Edward Charles Pfeffer, B.Sc. in Agr.; M.S. (Syracuse University).....	Parma
Emily Dennis Phelan.....	Columbus
Stephen Gar Pleasnick.....	Norwalk
Phyllis Hodge Puetz.....	Bainbridge
Christine Donna Rada.....	Bedford
Ellen Marie Rapp.....	Columbus

\* Two degrees

Claribel Alice Rea.....Pittsburgh, Pa.  
 Lynn Louise Reiheld.....Orrville  
 Sandra Jonas Rhoades.....Massillon  
 Joyce Ann Richter.....Pataskala  
 Margaret Ann Riley.....Celina  
 Jeffrey Lee Roberts.....Newark  
 Patricia Jenkins Roberts.....Delaware  
 William Howell Roberts, B.A.....Delaware  
 \*Jerald Eugene Robinson.....Cincinnati  
 Don Kelly Robison.....Worthington  
 Francine Bruce Rothman.....Cleveland  
 Barbara Grace Roush.....Gahanna  
 Judith Ann Routzahn.....Circleville  
 Barbara Schaeffer.....Albany, N. Y.  
 Carol Anne Schultz.....Solon  
 Lynne Wilcoxon Schwartz.....Rocky River  
 Ronzil Layne Selmon.....Columbus  
 Gay Anderson Shaw.....Columbus  
 Paul Frederick Sherer.....Crestline  
 Katherine Henrichs Shrewsbury.....Columbus  
 Sharon Maureen Siewiorek.....Lorain  
 Alan Bert Silverman.....Cleveland Heights  
 William Jerry Simpson.....Marysville  
 John Jay Slack.....Worthington  
 Mary Gofourth Slane.....Westerville  
 Mary Houser Smith.....Columbus  
 J. Carlton Snook.....Antwerp  
 Karen Paula Sonosky.....Alexandria, Va.  
 Helen Sonja Sours.....Bellefontaine  
 Sharon Kae Sperber.....Westlake  
 Dorothy Bye Springer (cum laude).....Worthington  
 Kathy Elaine Steerman.....Marion  
 Mary Jane Chaille Stofer.....Fairborn  
 William Ray Strayer.....Urbana  
 Dale Allen Swisher.....Columbus  
 Judith Jancy Tomlinson.....Brecksville  
 Sidney Allen Townsend.....Westerville  
 Jeanne Nichols Trottmann.....Fairborn  
 Ray Donald Uhler.....Cleveland  
 Cheryl Lee Upp.....Marion  
 Roger Alan Veley.....Columbus  
 Jane Karoline Vieth.....Youngstown  
 Ellen Hixson Waits.....Columbus  
 Michele Gerson Waldman.....Pittsburgh, Pa.  
 Robert Baker Walls, Jr.....Hilliard  
 Joseph Charles Wesney.....Columbus  
 James Edward White.....Jefferson  
 Marvin Loyd White.....Worthington  
 Sara Elaine Fry White.....LaRue  
 Robert Lowell Whitman.....LaRue  
 Karen Gaye Wickline.....Cincinnati  
 Gail Eugene Wilson.....Carrollton  
 Stacy Woodford.....Columbus  
 David William Yanchunas.....Eastlake

\* Two degrees

Robert Edward Yates, B.Sc. in Bus.Adm.....Columbus  
 Carl Thomas Yeager.....Waverly  
 Patricia Miller Zendell.....Trenton, N. J.

(Two hundred and eighteen candidates)

**Bachelor of Fine Arts**

Judith Ann Brown.....Kettering  
 Darianne Katherine Dick.....Columbus  
 Barbara Jean Ellis.....Marienville, Pa.  
 Roger Tipton Evans.....Lorain  
 William Clarence Getz.....Hannibal, N. Y.  
 Elaine Hastings Hammack.....Columbus  
 Bobby Cecil Kelly.....Lebanon  
 Jared Rhodes Kies.....Canton  
 Robert Leo Kufel.....Lorain  
 James Michael Long.....Toledo  
 Susan Eve Paine.....Columbus

(Eleven candidates)

**Bachelor of Music**

Charles Allen Buffham, B.Sc. in Edu.....Grand Rapids, Mich.  
 Stephen Dunn Jacoby (cum laude).....Erwin, Tenn.  
 Thelma Noble Miller (cum laude).....Columbus  
 \*Jerald Eugene Robinson.....Cincinnati

(Four candidates)

**Bachelor of Science  
 in Occupational Therapy**

Elaine Meurice Finer.....Syracuse, N. Y.  
 June Johnson Fullerton, A.B. (Denison University).....Columbus  
 Suzanne Lake.....University Heights  
 Sheryl Freckman Shepherd.....Cincinnati  
 Sandra Toby Stone.....Cleveland Heights  
 Sylvia Charlene Upp.....Columbus

(Six candidates)

\* Two degrees

# COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

## Bachelor of Ceramic Engineering

Dale Lee Hoover..... Pataskala  
(One candidate)

## Bachelor of Chemical Engineering

Reinhold Betschl..... Mansfield  
Alkis Constantinides..... Larnaca, Cyprus  
Lewis Edgar Gates..... Gallipolis  
Alan Karl Kochsiek..... Rocky River  
James Arthur Moomaw..... Sugarcreek  
Daniel Louis Pachko..... Cleveland  
Gustavo Adolfo Tamayo..... Caracas, Venezuela  
(Seven candidates)

## Bachelor of Civil Engineering

Vance Lynn Allton..... Westerville  
\*Michael John Kucha (cum laude)..... Brooklyn  
Phillip Edward Mathys..... Rittman  
Theodore Thomas Okasinski..... Detroit, Mich.  
Luther Hart Parmelee..... Kent  
John Richard Weaver..... Wooster  
(Six candidates)

## Bachelor of Electrical Engineering

Adolf Earl Fullgrave..... Vermilion  
John Charles Lyon..... Findlay  
(Two candidates)

## Bachelor of Industrial Engineering

George Kluvers Baldwin..... Seattle, Wash.  
Gary Lee Jones..... Columbus  
\*Larry James Kerr..... Columbus  
\*Frederick Massouh..... Canton  
Lloyd Leon Miller..... Sandusky  
Lawrence Robert Uveges..... Olmsted Falls  
(Six candidates)

## Bachelor of Mechanical Engineering

Earl Bruce Brookbank III..... Chillicothe  
Norman Duden Malcosky..... Hudson  
Hadyn Eugene Notestine (cum laude)..... Lewistown  
Robert Wesley Schroer..... Newark  
Robert George Sponable..... North Syracuse, N. Y.  
(Five candidates)

## Bachelor of Engineering in Mining

Norris Edward Brooks..... Scio  
(One candidate)

\* Two degrees

**Bachelor of Science  
in Physics**

Frederick Stephen Celec..... Youngstown  
John Edwin Jackson..... Powell  
Ralph Ronald Main..... Sunbury  
\*James Graham Williamson..... Columbus  
\*William Robert Wortman (summa cum laude)..... Wellston

(Five candidates)

**Bachelor of Welding Engineering**

Larry Lee Bright..... Blacklick

(One candidate)

**SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE**

**Bachelor of Architecture**

John Richard Hoellrich..... New Bavaria

(One candidate)

\* Two degrees



## COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

### Doctor of Medicine

Kenneth Neff Carpenter, B.Sc. . . . . Columbus  
(One candidate)

## SCHOOL OF NURSING

### Bachelor of Science in Nursing

Betty Jane Baldwin . . . . . North Jackson  
Lillian Joan Birckbichler . . . . . Westerville  
Ruth Ann Cuomo . . . . . Follansbee, W. Va.  
Janet Price Davis . . . . . Columbus  
Patricia Ann Fish . . . . . Norwalk  
Anna Welch Frum . . . . . Columbus  
Marie Elizabeth Gilliland . . . . . Upper Sandusky  
Kathryn Jane Glasgow . . . . . Frankfort  
Marilyn Adele Goss . . . . . Poland  
Marie Heretin Greifelt . . . . . Toledo  
Paula Eileen Haney . . . . . Zanesville  
Diane Fox Higgins . . . . . Columbus  
Eleanor Marie Hood . . . . . Medina  
Carol Myers Ihrig . . . . . Cleveland Heights  
Barbara Marty Jenkins . . . . . Gary, W.Va.  
Ann Pedicord Johnson . . . . . Zanesville  
Sally Louise Keeney . . . . . St. Petersburg, Fla.  
Carol Ann Lewis . . . . . Fostoria  
Lucille Keylor Meyer . . . . . Columbiana  
Sandra Sue Miller . . . . . Adrian, Mich.  
Mery Lou Mohrhardt . . . . . Toledo  
Barbara Jo Mould . . . . . Dayton  
Nancy Frost Myers . . . . . Niles, Ill.  
Gloria Nan Omler . . . . . Wauseon  
Charlene Rae Peugeot . . . . . Louisville, Ky.  
Sondra Lee Pfiller . . . . . Weirton, W.Va.  
Mayetta Anne Pheasant . . . . . Akron  
Helen Stratton Rhoten . . . . . Chillicothe  
Mary Louise Richardson . . . . . Youngstown  
Barbara Ann Schumann . . . . . Wapakoneta  
Elsie Ann Sexton . . . . . Dunbar, W.Va.  
Sandra Jean Simmons . . . . . Dayton  
Susan Elizabeth Sprunger . . . . . Apple Creek  
Mary Patricia Vargo . . . . . Newark  
Kay Ellen Volkman . . . . . Goleta, Calif.  
Martha Jane Waltz . . . . . Wooster  
Nancy Jean Williams . . . . . Lewistown

(Thirty-seven candidates)

# COLLEGE OF PHARMACY

Dean: LLOYD M. PARKS

## Bachelor of Science in Pharmacy

Gary Allan Carnevale.....Columbus  
John Joseph Vedrody.....Cleveland  
John Michael Velt.....Bellaire

(Three candidates)

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Wooster, Ohio, September 11, 1964

The Board of Trustees met at its regular monthly meeting on Friday, September 11, 1964, at the Ohio Agricultural Experiment Station, Wooster, Ohio, pursuant to adjournment.

Members present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, and Frederick E. Jones.

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Secretary Mount reported that he had been advised on September 9, 1964, by the Governor's Office that Mr. Mervin B. France was appointed as a member of the Board of Trustees to succeed Mr. Thomas F. Patton, for a term beginning May 14, 1964 and ending May 13, 1973. Mr. France is President and Director of the Society National Bank of Cleveland, 127 Public Square, Cleveland 14, Ohio.

The Secretary further reported that in a telephone conversation, Mr. France indicated his sincere regret that he would not be able to attend this meeting of the Board of Trustees since the Board of Directors of the Bank of which he is President is meeting on the same date.

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Upon motion of Mr. Carlton S. Dargusch, seconded by Mr. Alan B. Loop, and by unanimous roll call vote, the minutes of the July 17, 1964 meeting were approved and the actions ratified.

\* \* \*

September 11, 1964 meeting, Board of Trustees

Mr. Rairdon, Chairman of the Board, made the following statement:

During the past week there has been an intensive reappraisal of and a sharpened recognition of the significant current rate of progress of our University under the administrative leadership of President Novice G. Fawcett. Real concern at the possibility of an interruption of this leadership and progress at this time has been clearly expressed to us by many knowledgeable Ohioans.

This morning we can share the very important good news that Novice Fawcett will continue as our President. I believe this favorable decision will spark a rededication of all friends of the University to the enlarging opportunities and responsibilities ahead.

Whereupon President Fawcett responded as follows:

I came to this meeting with the full intent of seeking retirement from public education at the end of the coming academic year in order to become the Executive Vice President of the American Automobile Association.

After several hours in personal consultation with members of the Board of Trustees, I was persuaded that the best interests of higher education in general in Ohio, and The Ohio State University in particular, would be served if I would remain in my present position. I have, therefore, decided to continue my efforts with the same dedication I have given to this role in the past.

In response to the suggestion from several members of the Board, the Chairman read the following letter and requested that it be spread upon the records of this meeting.

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Y

September 8, 1964

President Novice G. Fawcett  
The Ohio State University  
220 West 12th Avenue  
Columbus 10, Ohio

Dear President Fawcett,

The Irish novelist George Moore once wrote that "the difficulty in life is the choice." No doubt as you are wrestling with the choices offered to you concerning your future career, you are finding that this statement rings very true. While personal decisions can and should ultimately be made only by the individual himself, often the thoughts of others can be helpful. When the individual in question is a public figure whose choice will affect others, the views of these others may be not only helpful but instrumental.

It is with this fact in mind that we, as the one student group active on campus between quarters, are taking the liberty to pass on our views concerning the possibility of your resignation. We sincerely hope that you will accept our thoughts in the spirit with which they are offered, one of profound sympathy and understanding for your personal feelings as well as one of deep concern for the university to which we have committed our futures.

It is almost axiomatic that people do not appreciate what they possess until they are about to lose it. Thus it is that we are just realizing how lax we have been over the past years. In times of triumph, our words of congratulations have been all too infrequent. In times of crisis, our words of support and encouragement have been only dimly heard. Before it becomes too late, we, the students, want to express our sincere gratitude for the bold and dynamic direction which you have given to our university for the past eight years. Selfish though it may be, we should like to see you continue to offer this same leadership to us, to Ohio, and to the nation.

Writing on the tercentenary of Harvard University, James Bryant Conant said, "He who enters a university walks on hallowed ground." Anyone who has devoted his career to education as you have well understands the truth of this statement. There can be no nobler calling than one which endeavors to toil on this hallowed ground.

We fully realize that your job is one which places almost limitless demands on time, strength, and patience. It is far from an easy task to guide a university along the true paths of education amid pressures from politicians, alumni, faculty, and students. Nonetheless, you have achieved almost singular success, and the loss of your services at this time would be a blow to the future progress of Ohio State. We urge you to give sincere thought to rededicating your life to this university and to the goals which you have been instrumental in establishing for it.

Sincerely,

The 1964 Orientation Leaders

/s/ Linda Ross  
Sarah McKinley  
Kay McDaniel  
Marilyn White  
Jean Parr  
Penny Bazler  
Clark P. Pritchett, Jr.  
Dan E. Moore  
Thomas L. Thomas  
Richard A. Calkins  
Charles N. Eastlake

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September 11, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rule 29.2715 - Rules for the University Faculty

The Faculty Council on August 25, 1964, approved the recommendation that the responsibility of the Admissions Board as established by Rule 29.2715 be redefined and that its name and membership be reconstituted with the Rule to read as follows:

29.2715. Council on Admissions and Registrations.

Section 1. The Council on Admissions and Registrations shall consist of thirteen members chosen as follows:

- a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for re-appointment.
- b. Ex officio members. The persons holding the following four titles shall be ex officio members: Vice President for Educational Services (who shall serve as Chairman of the Council); Executive Dean for Admissions and Registrations (who shall serve as Vice Chairman of the Council); Vice President for Instruction and Dean of Faculties; and Executive Dean for Student Relations.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, the 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.

Section 3. Reports by this Council to the President, other than those made through the Faculty Council, shall be made through the Vice President for Educational Services.

It is therefore recommended that the above proposal as adopted by the Faculty Council be approved by the Board of Trustees, and that the Secretary be instructed and authorized to make such changes in the Rules for the University Faculty as are required to implement the recommendation.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the Board of Trustees approved the above recommendation by a unanimous roll call vote, and the Secretary was instructed and authorized to make such changes in the Rules for the University Faculty as are required as a result of the foregoing changes.

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## II. PERSONNEL CHANGES

It is recommended that all personnel changes since the July 17, 1964 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions and Changes in Titles and Administrative Positions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Promotions and Changes in Titles and Administrative Positions

Richard H. Bohning from Assistant Dean (part time - 28%) to Associate Dean (part time - 52%), College of Agriculture and Home Economics, effective October 1, 1964, at a salary of \$9,168.00 per annum. Dr. Bohning will continue as Administrative Adviser on the AID/Brazil Project (part time - 13%) and AID/India Project (part time - 13%), at a salary of \$2,376.00 per annum for each project. Dr. Bohning also holds an appointment at the Ohio Agricultural Experiment Station, at a salary of \$4,152.00 per annum. He will continue to hold the rank of Professor in the Department of Botany and Plant Pathology at No Salary.

Bernard H. Marks from Professor and Acting Chairman to Professor and Chairman, Pharmacology, effective July 1, 1964, at a salary of \$18,168.00 per annum.

Jack G. Calvert from Professor to Professor and Chairman, Chemistry, effective October 1, 1964, at a salary of \$21,768.00 per annum.

Walter L. Hartman from Assistant Director of the Physical Plant to Director of the Physical Plant, effective September 16, 1964, at a salary of \$17,268.00 per annum.

Thomas B. Smith from Assistant Director of the Physical Plant to Associate Director of the Physical Plant, effective September 16, 1964, at a salary of \$16,668.00 per annum.

### B. Appointments

Lawrence W. Kuhl, Assistant Dean - College of Arts and Sciences, effective August 17, 1964, at a salary of \$12,768.00 per annum. (Dr. Kuhl will hold an appointment as Associate Professor in the Department of Speech at No Salary.)

Byron L. Bondurant, Professor, Agricultural Engineering, effective September 1, 1964, at a salary of \$16,668.00 per annum.

Frederick D. Stocker, Professor (part time), Division of Research, College of Commerce and Administration, effective August 15, 1964, at a salary of \$11,376.00 per annum. He will also hold an appointment as Lecturer (part time), Department of Economics, effective August 15, 1964, at a salary of \$3,792.00 per annum.

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 are recommended for Leaves of Absence With Salary from the Agricultural Extension Service for the period indicated.

John R. Aylsworth, Instructor (County Extension Agent, 4-H) Erie County, October 1, 1964 through February 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Richard W. Hill, Instructor (County Extension Agent, 4-H) Guernsey County, September 16, 1964 through December 31, 1964, to participate in a program of professional improvement at Colorado State University.

Paul L. Wright, Instructor (County Extension Agent, 4-H) Clinton County, October 1, 1964 through December 15, 1964, to participate in a program of professional improvement at The Ohio State University.

Donald G. Young, Instructor (County Extension Agent, Agriculture) Hocking County, October 1, 1964 through December 15, 1964, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Kenneth M. Abbott, Professor, Classical Languages, January 1, 1965 through March 31, 1965, to accept a Visiting Professorship at the University of Illinois.

H. Richard Blackwell, Professor and Director, Institute for Research in Vision, September 1, 1964 through September 30, 1964, to lecture at universities and to scientific groups in the Republic of South Africa.

John G. Daunt, Professor, Physics, October 1, 1964 through December 31, 1964, to accept a Visiting Professorship at City College of the City University of New York.

Richard H. Hoppin, Professor, School of Music, January 1, 1965 through March 31, 1965, to accept a Visiting Professorship at Princeton University.

Leo A. Sapirstein, Professor, Physiology, October 1, 1964 through September 30, 1965, to continue research at Stanford University.

September 11, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

I. Keith Tyler, Professor, Bureau of Educational Research and Service, October 1, 1964 through June 30, 1965, to serve as a consultant to the United Arab Republic project for combating illiteracy via television.

Frank J. Longo, Assistant Professor, School of Social Work, October 1, 1964 through September 30, 1965, to work on his Ph.D. degree at the University of Pittsburgh.

Margaret C. Tyler, Assistant Professor, Bureau of Educational Research and Service, and Supervisor, Telecommunications Center, October 1, 1964 through June 30, 1965, to work in Egypt under the auspices of the Department of State in the field of adult education and school broadcasting and utilization.

Don L. Davis, Instructor (County Extension Agent, 4-H) October 1, 1964 through December 15, 1964, to participate in a program of professional improvement at The Ohio State University.

Kenneth A. Harkness, Instructor, Agricultural Engineering, October 1, 1964 through June 30, 1965, to continue study leading to the Ph. D. degree.

E. Emeritus Titles

William T. Palchanis, Preventive Medicine, with the title Professor Emeritus, effective September 1, 1964.

Mildred C. Kyle, School of Home Economics, with the title Assistant Professor Emeritus, effective September 1, 1964.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Promotions and Changes in Titles and Administrative Positions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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President Fawcett announced that he had received a communication from Dean Frank R. Strong indicating his desire to retire from the University; however, because of the limitation of time, action on the Dean's communication is being deferred pending consultation with Vice President Weaver and Dean Strong, with the understanding that a recommendation will be presented at the October meeting of the Board.

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September 11, 1964 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, it is 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

- a. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, for Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #22 - Engineering Experiment Station).  
Gross Value - \$73,000.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759 - Ext. #8 - Department of Chemistry).  
Gross Value - \$62,521.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Psychophysiology of Congenital Retinal Disease (to be known as National Institutes of Health Project No. 992 - Ext. #5 - Institute for Research in Vision).  
Gross Value - \$22,200.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Factors Influencing Experimental Cancer of Uterus (to be known as National Institutes of Health Project No. 1005 - Ext. #5 - Department of Pathology).  
Gross Value - \$23,356.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effect of Antimetabolites on the Chick Embryo (to be known as National Institutes of Health Project No. 1168 - Ext. #4 - Department of Poultry Science).  
Gross Value - \$13,358.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Spontaneous and Experimental Endometrial Carcinoma (to be known as National Institutes of Health Project No. 1281 - Ext. #3 - Department of Pathology).  
Gross Value - \$34,011.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tumor Necrotizing Activity of Tuberosus Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #3 - College of Pharmacy).  
Gross Value - \$7,770.00.
- h. National Science Foundation, Washington, D. C., for an Ecological Survey of Soil Arthropods in Relation to Microenvironment, Mirny Station, Antarctica (to be known as National Science Foundation Project No. 1345 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$1,400.00.
- i. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., for Study of Passenger Health Problems in Jet Air Travel (to be known as Bureau of State Services Project No. 1357 - Ext. #3 - Department of Preventive Medicine).  
Gross Value - \$24,437.00.
- j. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Spectroscopic Analysis of Plasma Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 1390 - Sup. #7 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Sup. #1 - Department of Psychology).  
Gross Value - \$6,382.00.
- l. U. S. Army Materiel Command, Harry Diamond Laboratories, Washington, D. C., for an Investigation of Semiconductor Properties Affected by Acceleration (to be known as U. S. Army Materiel Command Project No. 1471 - Mod. #12 - Department of Electrical Engineering).  
Gross Value - \$6,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies on Myocardial Metabolism and Contractility (to be known as National Institutes of Health Project No. 1496 - Ext. #2 - Department of Medicine).  
Gross Value - \$19,932.00.

September 11, 1964 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)

- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Phytochemical Study of the Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497 - Ext. #2 - College of Pharmacy).  
Gross Value - \$12,060.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Origin of Alkaline Phosphatase in Surgical Jaundice (to be known as National Institutes of Health Project No. 1499 - Ext. #2 - Department of Surgery).  
Gross Value - \$16,695.00.
- p. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., Effect of Food Processing on Radioactive Fallout (to be known as Bureau of State Services Project No. 1502 - Ext. #2 - Department of Horticulture and Forestry).  
Gross Value - \$19,417.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Oxidative Synthesis of Complex Isoquinoline Alkaloids (to be known as National Institutes of Health Project No. 1515 - Ext. #2 - Department of Chemistry).  
Gross Value - \$12,658.00.
- r. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for Support of K-Meson Experiments at the ZGS (to be known as U. S. Atomic Energy Commission Project No. 1596 - Mod. #2 - Department of Physics).  
Gross Value - \$15,000.00.
- s. 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, S. D. (to be known as Air Force Institute of Technology, Air University Project No. 1600 - Sup. #7 - Defense Management Center).  
Gross Value - \$176,338.00.
- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Nature of Conditioned Renal Responses (to be known as National Institutes of Health Project No. 1628 - Sup. #1 - Department of Psychiatry).  
Gross Value - \$4,656.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Nurse-Monitor in a Patient-Care System (to be known as National Institutes of Health Project No. 1651 - Ext. #1 - Engineering Experiment Station).  
Gross Value - \$42,206.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for a Survey of Cerebrovisceral Physiology in the U. S. S. R. (to be known as National Institutes of Health Project No. 1706 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$30,207.00.
- w. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Digital Analysis of Physiological Control Systems (to be known as National Institutes of Health Project No. 1716 - Ext. #1 - Department of Physiology).  
Gross Value - \$16,632.00.
- x. 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 and in Executive Engineering for the Civil Engineering Center (to be known as Air Force Institute of Technology, Air University Project No. 1717 - Sup. #4 - Defense Management Center).  
Gross Value - \$722,693.00.
- y. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Directed Toward Determination of Radiative Properties and Composition of the Atmosphere (to be known as Electronic Systems Division Project No. 1758 - Mod. #1 - Department of Physics).  
Gross Value - \$5,086.00.
- z. 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. 1775 - Rev. Award 5/28/64 - College of Dentistry).  
Gross Value - \$6,813.00.
- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Factors Controlling Testicular Tissue Metabolism (to be known as National Institutes of Health Project No. 1786 - Ext. #1 - Department of Dairy Science).  
Gross Value - \$24,716.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. George C. Marshall Space Flight Center, NASA, Huntsville, Alabama, for an Investigation of Noise Generated by Internal and External Rocket Combustion Phenomena (to be known as George C. Marshall Space Flight Center Project No. 1803 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$25,000.00.
- cc. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for A Review and Appraisal of Adult Literacy Materials and Programs (to be known as Office of Education Project No. 1834 - Amend. #1 - Department of Education and Bureau of Educational Research and Service).  
Gross Value - \$31,399.00.
- dd. National Science Foundation, Washington, D. C., for Geology of the Wisconsin Range, Western Horlick Mountains, Antarctica (to be known as National Science Foundation Project No. 1840 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$3,659.00.
- ee. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization R&D Division, 1815 North University Street, Peoria, Illinois, for an Investigation of the Reaction of Vinyl Ethers with Carbohydrates, Especially D-Glucose and Starch (to be known as Agricultural Research Service, Northern Utilization R&D Division Project No. 1856 - New - Department of Chemistry).  
Gross Value - \$172,275.00.
- ff. Department of State, Agency for International Development, Washington, D. C., for Preparation, Development and Presentation of Refresher Training Courses in Management of Material Resources for AID Supply Advisors (to be known as Agency for International Development Project No. 1868 - New - Defense Management Center).  
Gross Value - \$16,344.00.
- gg. Sandia Corporation, P. O. Box 5800, Albuquerque, New Mexico, for Research Investigation of Uranium Corrosion (to be known as Sandia Corporation Project No. 1869 - New - Department of Metallurgical Engineering).  
Gross Value - \$20,000.00.
- hh. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for an Investigation of Kinetics of C1-36 DDT in Wild Waterfowl (to be known as Fish and Wildlife Service Project No. 1870 - New - Department of Zoology and Entomology).  
Gross Value - \$17,184.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- ii. Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C. , for A Study of the Rapid Analysis Home Shelter (RAHS) System (to be known as Office of the Secretary of the Army Project No. 1871 - New - Engineering Experiment Station).  
Gross Value - \$114,157.00.
- jj. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873 - New - Department of Microbiology).  
Gross Value - \$10,958.00.
- kk. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , for Instructional Programs in Secondary Schools Serving Contrasting Socio-Economic Areas in Large Cities (to be known as Office of Education Project No. 1875 - New - Department of Education).  
Gross Value - \$7,033.00.
- ll. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Investigation of Single Cell Wavelength Responses (to be known as National Institutes of Health Project No. 1876 - New - School of Optometry).  
Gross Value - \$6,537.00.
- mm. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Investigation of Visual Noise and Energy Transformation at Threshold (to be known as National Institutes of Health Project No. 1880 - New - Institute for Research in Vision).  
Gross Value - \$8,125.00.
- nn. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Investigation of Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881 - New - School of Optometry).  
Gross Value - \$13,046.00.
- oo. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Investigation of Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as National Institutes of Health Project No. 1882 - New - Department of Psychiatry).  
Gross Value - \$15,184.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- pp. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Investigation of Situational Factors in Electroshock Therapy (to be known as National Institutes of Health Project No. 1883 - New - Department of Psychology).  
Gross Value - \$3,498.00.
- qq. National Science Foundation, Washington, D. C., for an Investigation of Glaciology and Meteorology of Anvers Island (to be known as National Science Foundation Project No. 1885 - New - Institute of Polar Studies).  
Gross Value - \$65,200.00.
- rr. National Science Foundation, Washington, D. C., for an Investigation of Condensed Cyclobutane Aromatic Compounds (to be known as National Science Foundation Project No. 1886 - New - Department of Chemistry).  
Gross Value - \$60,400.00.
- ss. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Sympathetic Mediated Vasopressin Pressor Responses (to be known as National Institutes of Health Project No. 1889 - New - Department of Pharmacology).  
Gross Value - \$9,388.00.
- tt. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Measure Theoretical Foundations of Surface Area Theory (to be known as U. S. Army Research Office - Durham Project No. 1890 - New - Department of Mathematics ).  
Gross Value - \$15,698.00.

TOTAL - Government Contracts - Federal \$2,034,629.00

2. Government Contract - State

- a. State of Ohio, Department of Highways, Columbus, Ohio, for an Investigation of Global Adjustment of Aerial Triangulation (to be known as State of Ohio, Department of Highways Project No. 1884 - New - Department of Geodetic Science).  
Gross Value - \$14,967.00.

TOTAL - Government Contracts \$2,049,596.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts

- a. Alloy Casting Institute, 300 Madison Avenue, New York, New York, for an Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #16 - Engineering Experiment Station).  
Gross Value - \$18,000.00.
- b. Youngs Rubber Corporation, 393 Seventh Avenue, New York, New York, for an Investigation of New Progestin Compounds (to be known as Youngs Rubber Corporation Project No. 1239 - Ext. #3 - Department of Obstetrics and Gynecology).  
Gross Value - \$69,452.00.
- c. The Regents of the University of Wisconsin, Madison, Wisconsin, for 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 - Ck. #C149973 and Ck. #C159239 - Department of Surgery).  
Gross Value - \$3,170.34.
- d. Health Research, Inc., Roswell Park Division, 666 Elm Street, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Check Nos. 004395, 004025, 004965 - Department of Surgery).  
Gross Value - \$1,500.00.
- e. American Heart Association, Inc., 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association, Inc. Project No. 1694 - Ltr. dtd. 7/6/64 - Department of Physiology).  
Gross Value - \$1,000.00.
- f. Association for the Aid of Crippled Children, 345 East 46th Street, New York, New York, for an Investigation of Predictive Value of the Infant Examination (to be known as Association for the Aid of Crippled Children Project No. 1859 - New - Children's Hospital).  
Gross Value - \$24,763.00.
- g. American Heart Association, Inc., 44 East 23rd Street, New York, New York, for Pressure-flow Relationship of the Coronary System as Studied in Intact Anesthetized Dogs (to be known as American Heart Association, Inc. Project No. 1866 - New - Department of Physiology).  
Gross Value - \$10,010.00.

September 11, 1964 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)

- h. Sundstrand Aviation - Denver, Division of Sundstrand Corporation, 2480 West 70th Avenue, Denver, Colorado, for Photogrammetric Measurements on a Solar Collector (to be known as Sundstrand Aviation - Denver Project No. 1867 - New - Department of Geodetic Science).  
Gross Value - \$6,138.00.
- i. The Petroleum Research Fund, American Chemical Society, 1155 16th Street, N. W., Washington, D. C., for an Investigation of Unsaturated Heterocycles: Valence Tautomers or Valence Isomers (to be known as American Chemical Society Project No. 1872 - New - Department of Chemistry).  
Gross Value - \$18,000.00.
- j. American Heart Association, Inc., 44 East 23rd Street, New York, New York, for an Investigation of Digitalis Assay in Man (to be known as American Heart Association, Inc. Project No. 1874 - New - Department of Medicine).  
Gross Value - \$12,925.00.
- k. The National Foundation, 800 Second Avenue, New York, New York, Birth Defects Special Treatment Center (to be known as The National Foundation Project No. 1877 - New - Children's Hospital).  
Gross Value - \$28,704.00.
- l. The National Education Association, 1201 Sixteenth Street, N. W., Washington, D. C., for Language Instruction for the Deaf (to be known as The National Education Association Project No. 1879 - New - Department of Speech).  
Gross Value - \$19,440.00.
- m. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, for Investigation of Autologous Bone Marrow Transplantation (to be known as American Cancer Society, Inc. Project No. 1887 - New - Department of Medicine).  
Gross Value - \$22,122.00.
- n. American Society for the Prevention of Cruelty to Animals, 441 East 92nd Street, New York, New York, for Evaluation ASPCA Holding Pen Designed for Small Animals (to be known as American Society for the Prevention of Cruelty to Animals Project No. 1888 - New - Department of Animal Science).  
Gross Value - \$8,000.00.

TOTAL - Industrial and Other Contracts \$243,224.34

September 11, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

The foregoing sixty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$2,292,820.34.

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 consent.

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

During the period from July 1, 1964 through August 31, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

EES-248      Fundamentals of Soil Compaction, Ohio Department of  
Highways, Columbus, Ohio, Bureau of Public Roads,  
Washington, D. C.  
Gross Value - \$105,029.00.

SC-39        A Short Course in Traffic Signalization, Ohio Department  
of Highways, The Bureau of Traffic, Columbus, Ohio.  
Gross Value - \$1,500.00.

TOTAL - Government Research Contracts \$106,529.00

2. Industrial Research Contracts

EES-234      Forced Convection Frosting of Finned Coils in Crossflow  
Ext. #1      of Air, American Society of Heating, Refrigerating and  
Air Conditioning Engineers, Inc., United Engineering  
Center, New York, New York.  
Gross Value - \$8,000.00.

EES-250      Thin Film Hall Effect Devices, F. W. Bell, Inc.,  
Columbus, Ohio.  
Gross Value - \$12,288.00.

TOTAL - Industrial Research Contracts \$20,288.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$126,817.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. School of Social Work - Graduate Program in Cincinnati Area

The School of Social Work of The Ohio State University, in cooperation with the Community Chest and Council of the Cincinnati Area and the University of Cincinnati, has maintained an effective graduate program of social work education in Cincinnati, Ohio, since October 1, 1959. This program has been financed by fees paid to The Ohio State University by students enrolled in the Cincinnati Center and from funds supplied by the Board of Trustees of the Community Chest and Council of the Cincinnati Area. The physical facilities and library services are provided by the University of Cincinnati.

Whereas, the Memorandum of Agreement for this program expires September 30, 1964, it is now recommended that the President be authorized to sign an agreement on behalf of the Board of Trustees which will provide for the continuation of this program through September 30, 1967. The continuing program is to be financed by The Ohio State University through regular student fees, legislative appropriations, and gifts. The Board of Trustees of the Community Chest and Council of the Cincinnati Area has agreed to contribute funds to The Ohio State University for a period of three years beginning October 1, 1964, in an amount varying from \$10,000.00 to \$15,000.00 per year but, in view of estimated costs of a quality program, not less than \$10,000.00 per year.

Upon motion of Mr. Loop, seconded by Mr. Davis, the Board of Trustees by a unanimous roll call vote authorized the President to sign an agreement for the continuation of the School of Social Work - Graduate Program in the Cincinnati Area.

D. Memorandum of Agreement Between The Ohio State University and the Marion Public Library, Marion, Ohio

The Marion Public Library has agreed to provide library resources and services necessary to administer the purchase of a limited number of books, magazines, and phonograph records for the use of students enrolled in the University Branch Campus at Marion, with the understanding that officials of The Ohio State University will have authority to select the publications purchased with funds provided by the University. The legal title to all books, magazines, cards, and phonograph records purchased pursuant to this agreement shall be, and at all times remain, in the name of The Ohio State University. Such an arrangement will greatly improve the library resources available to the students at the Marion Branch Campus.

After consultation with the Office of the Attorney General of Ohio, it is recommended that the President of the University and the Secretary of the Board of Trustees be authorized to sign an agreement on behalf of the University between The Ohio State University and the Marion Public Library to make it possible to implement the program described above.

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the Board of Trustees by a unanimous roll call vote approved the recommendation authorizing the President of the University and the Secretary of the Board of Trustees to sign the agreement described in the foregoing paragraphs.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

E. Study of Reserve Officers' Training Corps (ROTC) Curricula - Contract No. DA-49-083 OSA-2859

A series of negotiations between The Ohio State University and the Department of the Army - Defense Supply Service has led to the agreement that the University would undertake a study of the Reserve Officers' Training Corps (ROTC) curricula, such study to be conducted at a total cost of not to exceed \$30,000.00. The Department of the Army will provide \$10,000.00 toward this study and not to exceed \$20,000.00 will be provided by the University from unallocated funds in the restricted portion of the Mershon Fund.

It is recommended that the President be authorized to sign Contract No. DA-49-083 OSA-2859 with the Department of the Army - Defense Supply Service, and that not to exceed \$20,000.00 be allocated from the restricted portion of the Mershon Fund in support of this study of Army ROTC curricula.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees by a unanimous roll call vote authorized the President to sign Contract No. DA-49-083 OSA-2859 between The Ohio State University and the Department of the Army - Defense Supply Service, and that a sum not to exceed \$20,000.00 be allocated from the restricted portion of the Mershon Fund in support of the University's share of the cost of the project.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since July 17, 1964 and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$642,000.00 granted by The Ford Foundation to the University for the Department of Agricultural Engineering to assist the Punjab Agricultural University in Ludhiana, India, over a five-year period.
2. \$353,765.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University in support of the project entitled, "College of Pharmacy Building." The sum of \$24,589.00 from this grant may be used for movable equipment.
3. \$91,855.00 granted by the Department of Health, Education and Welfare, Public Health Service, Division of Nursing Resources, Washington 25, D. C., to the University for the "Regular Academic Program," under the direction of Professor Mildred E. Newton, School of Nursing, for the period September 1, 1964 through August 31, 1965. (Grant NT-29-C8)



September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$63,705.00 granted by the Vocational Rehabilitation Administration, Washington 25, D. C., to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1964 through August 31, 1965. (Grant VRA-222-T-65)
5. \$63,670.00 granted by the Vocational Rehabilitation Administration, Washington 25, D. C., 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, 1964 through August 31, 1965. (Grant VRA-151-T-65)
6. \$31,432.00 granted by the Vocational Rehabilitation Administration, Washington 25, D. C., 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, 1964 through August 31, 1965. (Grant VRA-473-T-65)
7. \$24,999.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1964 through August 31, 1965. (Grant T2 CA 469-18)
8. \$22,400.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Dr. Lloyd M. Parks, Dean of the College of Pharmacy. This grant terminates on July 31, 1966. (GE-6543)
9. \$22,000.00 from the Battelle Memorial Institute for the Battelle Chair in Metallurgical Engineering for the year 1964-65.
10. \$21,400.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor Paul G. Gassman, Department of Chemistry. This grant terminates on July 31, 1966. (GE-6331)
11. \$21,000.00 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.
12. \$19,981.00 granted by the Vocational Rehabilitation Administration, Washington 25, D. C., to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of Professor Gladys G. Woods, for the period September 1, 1964 through August 31, 1965. (Grant VRA 209-T-65 and VRA 209-T-65, Amendment No. 1)

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

13. \$16,300.00 granted by the Department of Health, Education and Welfare, Public Health Service, Division of Community Health Services, Washington, D. C. 20201, to the University for "Public Health Traineeship Grant in the School of Nursing," under the direction of Professor Frances M. Pease, School of Nursing, for the period July 1, 1964 through June 30, 1965. (Grant 65-535)
14. \$12,600.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor W. Hayes Yeager, Department of Speech. This grant terminates October 31, 1965. (GE-6421)
15. \$12,600.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor F. W. Fisk, Department of Zoology and Entomology. This grant terminates October 31, 1965. (GE-6456)
16. \$12,600.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor Frank M. Mallett, Department of Aeronautical and Astronautical Engineering. This grant terminates October 31, 1965. (GE-6422)
17. \$11,000.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor J. C. Burnham, Department of History. This grant terminates October 31, 1965. (GE-6428)
18. \$8,400.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor Robert M. Giesy, Department of Botany and Plant Pathology. This grant terminates October 31, 1965. (GE-6439)
19. \$6,830.00 granted by the Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C., to the University for "Traineeship Grant in Occupational Therapy," under the direction of Miss Barbara Locher, Department of Occupational Therapy, for the period September 1, 1964 through August 31, 1965. (Grant VRA 176-T-65)
20. \$5,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Cancer Training," under the direction of Dr. John R. Wilson, College of Dentistry, for the period September 1, 1964 through August 31, 1965. (Grant T2 CA 513-18)

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

21. \$3,500.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for an "Undergraduate Research Participation Program," under the direction of Professor Jack H. Cline, Department of Animal Science. This grant terminates October 31, 1965. (GE-6423)

TOTAL - Through the Office of Business and Finance \$1,466,837.00

B. Received Through the Development Fund

1. \$34,950.00 from the Procter and Gamble Company, Cincinnati, Ohio--\$22,950.00 for research and fellowships in the College of Dentistry and \$12,000.00 for the Dental Laboratory Research Fund.
2. \$20,000.00 from the Estate of Anna B. Hennon, Lima, Ohio, for scholarships to students from Allen County, Ohio.
3. \$14,342.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
4. \$13,000.00 from the Ohio Lions Research Foundation, Columbus, Ohio--\$10,000.00 for research in the Department of Ophthalmology and \$3,000.00 for the Institute for Research in Vision.
5. \$10,800.00 from George Robert Lucas for the Robert Orlando Lucas Memorial Fund.

Robert Orlando Lucas Memorial Fund

The Robert Orlando Lucas Memorial Fund was established July 22, 1964, by a gift through the Development Fund from George Robert Lucas, in memory of his father, Robert Orlando Lucas, M. D., a member of the 1865 class of Starling Medical School.

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

The income is to be used to support research, teaching, and publications of the College of Medicine in the field of neurosensory diseases; such as, but not limited thereto, multiple sclerosis, muscular dystrophy, glaucoma, cataracts, etc., as approved by the Dean of the College of Medicine. Should the need to support these projects not be necessary as determined by the Dean of the College of Medicine, the income may be used for such research in medical areas as the Dean of the College of Medicine recommends as being worthy of support.

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$10,562.10 from the Estate of Mary Hubbell Osburn for the Mary H. Osburn Memorial Fund--David C. Stradley, Executor.

Mary H. Osburn Memorial Fund

The Mary H. Osburn Memorial Fund was established July 17, 1964, by a bequest from Mary H. Osburn.

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

The income is to be used for five scholarships for graduate students, each with an annual stipend of one-fifth of the income from this Fund but no stipend shall exceed \$600.00 per annum.

The first of such scholarships awarded shall be to a student in the School of Music and shall be known as the Mary Hubbell Osburn Memorial Graduate Scholarship. The remaining four graduate scholarships shall be awarded to students in the Department of Zoology and Entomology and shall be known as the Raymond C. Osburn Memorial Scholarships. In the event there is an excess of income it may be used for additional scholarship or scholarships in Zoology and Entomology.

7. \$9,000.00 representing a \$3,000.00 gift from each of the following-- John C. Fergus, Robert H. Fergus, and Edith Fergus Gilmore for the Corwin A. Fergus Memorial Fund.

Corwin A. Fergus Memorial Fund

The Corwin A. Fergus Memorial Fund was established July 10, 1964, by gifts to the Development Fund from John C. Fergus, Robert H. Fergus, and Edith Fergus Gilmore, in memory of Corwin A. Fergus, B.A. 1915, LL.B. 1917. He was a member of The Ohio State University football team in 1912, 1913, and 1914.

The purpose of this Memorial Fund is to further the education of certain properly qualified members of The Ohio State University student body in the field of graduate study.

The principal of the Fund shall 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.

8. \$8,400.00 from The International Nickel Company, Inc., New York, New York, for a fellowship in Metallurgical Engineering.
9. \$7,020.00 from the Union Carbide Corporation, Linde Division, New York, New York 10017--\$3,520.00 for a fellowship in the Department of Chemical Engineering and \$3,500.00 for a fellowship in the Department of Welding Engineering.

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$6,815.00 from the Owens-Illinois Glass Company, Toledo, Ohio, for scholarships.
11. \$5,700.00 from The Edward Orton, Jr. Ceramic Foundation for a fellowship in Ceramic Engineering.
12. \$5,260.00 from Hoffman-LaRoche, Inc. --\$2,700.00 for Perinatal Studies and Growth Development Research and \$2,500.00 for the College of Medicine Emergency Fund.
13. \$5,180.00 from the American Oil Foundation, Whiting, Indiana, for a fellowship in Chemical Engineering.
14. \$5,000.00 from the Asphalt Institute, College Park, Maryland, for research in the Department of Civil Engineering.
15. \$5,000.00 from the Cooper-Bessemer Corporation, Mt. Vernon, Ohio, for Engineering Faculty Merit Awards.
16. \$5,000.00 from The Emmet Blakeney Gleason Scholarship Memorial Fund, Inc. for scholarships in the College of Engineering.
17. \$4,900.00 from the State Farm Mutual Automobile Insurance Company for the State Farm Auto Insurance Company Fund.
18. \$4,780.00 from the Shell Companies Foundation, Inc. for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
19. \$4,700.00 from the Sears Roebuck Foundation for the Sears Roebuck Foundation Scholarship Fund.
20. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
21. \$4,380.00 from Mark L. Morris Animal Foundation, Denver, Colorado, for research in the College of Veterinary Medicine.
22. \$3,700.00 from The Dow Chemical Company--\$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.
23. \$3,600.00 from Olin Mathieson Chemical Corporation, Squibb Division, for the E. R. Squibb and Sons Fund for Research on Blood Corticoids.
24. \$3,550.00 from the Union Carbide Olfens Company, South Charleston, West Virginia, for a scholarship in the Department of Chemistry.
25. \$3,175.00 from the International Business Machines Corporation--\$2,175.00 for International Business Machines Corporation Fellowship Fund and \$1,000.00 as an undesignated gift to the University.

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

26. \$3,100.00 from the Stauffer Chemical Company, Chauncey, New York, for a fellowship in the Department of Chemistry.
27. \$3,000.00 from Allied Chemical Corporation for a fellowship in the Department of Chemistry.
28. \$3,000.00 from the Rockefeller Foundation as an undesignated gift to the University.
29. \$3,000.00 from the Union Carbide Corporation for the Union Carbide Corporation Fund for Mechanical Engineering.
30. \$3,000.00 from The Upjohn Company for the Upjohn Fellowship in Pharmaceutical Chemistry.
31. \$2,600.00 from The Babcock & Wilcox Company for The Babcock & Wilcox Company Fund for Engineering.
32. \$2,500.00 from Ralph E. Kent for the Jacob B. Taylor Memorial Fund.
33. \$2,000.00 from The William T. Morris Foundation, Inc. for the William T. Morris Foundation Scholarship in Welding Engineering.
34. \$2,000.00 from the Sun Oil Company, Philadelphia, Pennsylvania, for use in the Department of Chemistry for equipment, services, supplies, student aids, or travel necessary to further its research and teaching efforts.
35. \$1,880.00 from Robert M. Critchfield for the R. M. Critchfield Fund for Engineering.
36. \$1,250.00 from David A. Edwards--\$600.00 as an undesignated gift to the University; \$500.00 to the J. T. Edwards Scholarship Fund; and \$150.00 to the Student Athlete Grant-in-Aid Fund.
37. \$1,200.00 from The Standard Oil Company, Cleveland, Ohio, for a scholarship in the College of Commerce and Administration.
38. \$1,000.00 from the American Fund for Dental Education, Chicago, Illinois, for the College of Dentistry teaching program.
39. \$1,000.00 from Clifford C. Baltzly, Wynnewood, Pennsylvania, for the Clifford C. Baltzly Scholarship Fund.
40. \$1,000.00 from Samuel S. Davis for the Presidents Club Special Fund.
41. \$1,000.00 from Carol S. Kennedy--\$500.00 for Ohio Florists Special Fund and \$500.00 for the Department of Geology.

September 11, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

- 42. \$1,000.00 from The Kroger Company for Kroger Scholarships.
- 43. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
- 44. \$1,000.00 from Joseph Skilken for the Joseph and Helen Skilken Foundation.
- 45. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.

TOTAL - Through the Development Fund \$239,844.10

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above report of grants and gifts, including the establishment of certain memorial funds, was accepted by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

1. July, 1964

In July, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,373	\$ 24,075.02
Individuals, other than alumni	76	37,331.66
Nonprofit organizations	52	82,989.72
Business concerns	35	96,236.64
	<u>1,536</u>	<u>\$240,633.04</u>

Of these gifts, 1,131 totaling \$11,285.51 were undesignated and 405 totaling \$229,347.53 were designated.

2. August, 1964

In August, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	840	\$ 27,420.69
Individuals, other than alumni	63	1,101.50
Nonprofit organizations	28	80,949.83
Business concerns	20	83,381.93
	<u>951</u>	<u>\$192,853.95</u>

Of these gifts, 685 totaling \$6,917.69 were undesignated and 266 totaling \$185,936.26 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. The Ohio State University Development Fund Budget for 1964-65

It is recommended that the sum not to exceed \$85,000.00 be allocated from the University Maintenance Funds toward the operating expenses of The Ohio State University Development Fund for the fiscal year ending June 30, 1965, and that an operating budget in the amount of \$141,796.00 be approved. The budget amount will be provided as follows:

University Allocation	\$ 85,000.00
Cumulative Interest on Development	
Fund Investments	56,796.00
Total	<u>\$141,796.00</u>

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the above recommendation for allocation of funds was approved by a unanimous roll call vote.

B. Appropriations for Equipment for Basic Research Projects

At the request of the Vice President for Research and with the concurrence of the President's Cabinet, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated for the projects named:

\$50,500.00 to purchase research equipment for new staff members in several of the basic science departments-- \$14,000.00 from Subaccount (c) and \$36,500.00 from Subaccount (f).

\$20,000.00 from Subaccount (f) to match \$25,000.00 in funds available to the College of Dentistry for purchase of - an electron microscope for research programs.

Upon motion of Mr. Loop, seconded by Mr. Bricker, the above recommendation for appropriation of funds was approved unanimously by roll call vote.

C. Appropriation for Research Programs Conducted at Children's Hospital by The Ohio State University

At the request of the Vice President for Research and with the concurrence of the President's Cabinet, it is recommended that \$30,606.94 be appropriated from the University Treasurer Subaccount (e) for support of research programs conducted at Children's Hospital by The Ohio State University in accordance with authority granted by the Board of Trustees on September 8, 1961.

Upon motion of Mr. Bricker, seconded by Mr. Dargusch, the above recommendation for appropriation of funds was approved unanimously by roll call vote.

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September 11, 1964 meeting, Board of Trustees

VI. CREDIT TO CONTRACT AND EXTENSION OF TIME FOR COMPLETION OF CONTRACTS

At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Credit to Contract and Extension of Time for Completion of Contracts as outlined below be approved by the Board of Trustees and processed in the normal University manner.

A. Miami University - The Ohio State University, Dayton Campus - Phase I

General Contract

It is proposed to omit the T31 seal treatment which was erroneously included in the specifications and is unnecessary where T35 surfacing is applied.

Deduct    \$3,150.00

Funds will be returned to Budget Account 91017.

B. Housing for Metallurgical & Mineralogical Laboratories

General, Heating and Ventilating, and Plumbing Contracts

It is recommended that an extension of time for completion of the above contracts for this project be granted from August 3 to September 14, 1964.

The pipe insulators were on strike from July 1 until August 10, 1964. This delayed the work of the Heating and Ventilating and Plumbing Contracts and prevented the General Contractor from finishing the acoustic ceilings and general clean-up.

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

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VII. PLANS AND SPECIFICATIONS

With the approval of the Council on Business Affairs, and with the concurrence of the Cabinet, it is 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. Student Housing Building #7 (Houck House)

This building is a four-story dormitory located north of the campus and will house 232 students.

Funds will be provided from the Dormitory Construction Fund.

September 11, 1964 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

B. Repairs to Electrical Systems in Hayes Hall, Horticulture and Forestry Building, and Physical Education Building

This project includes emergency electrical work in Hayes Hall, new transformers to eliminate an overloaded condition in the Physical Education Building and rewiring and relighting to bring the Horticulture and Forestry Building up to modern standards.

Funds will be provided from Department 2355, Budget Account 12350, H. B. 711.

C. Relocation of Mental Health Clinic to Upham Hall

This project provides for the renovation of 19 rooms on the First Floor West in the Psychiatric Hospital for use as a Mental Health Clinic. This Clinic was formerly located on the third floor of Starling Loving A Wing.

Funds will be provided from the University Hospital Rotary.

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, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board:

A. Improvement of North End of Fyffe Road

Bids were received on July 29, 1964, for this project and all bids were rejected since they exceeded the estimate of cost. The project was re-advertised with a revised estimate of cost and bids were received on August 14, 1964. The recommendation for award of contract is as follows:

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
(2 bids received)		
Decker Construction Company (Columbus)	\$33,000.00	\$39,994.00

Funds for this project are provided in Department 2355, Budget Account 12350, H. B. 711.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Furnish and Install Vinyl Asbestos Tile in Arps Hall, Campbell Hall, Derby Hall, Library, Journalism Building, and Stillman Hall

Bids were received on August 21, 1964, for this project and the recommendation for award of contract is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
Wilson Floors Co. (Columbus)	\$16,799.75	\$22,500.00

Funds for this project are provided in Department 2355, Budget Account 12350, H. B. 711.

C. Interior Painting and Patch Plastering of Physical Education Building, Communications Laboratory (WOSU - Radio Area), and Portion of McPherson Chemical Laboratory in Sawtooth Area

Bids were received on August 21, 1964, for this project and the recommendation for award of contract is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
John Madias Paint Co. (Detroit)	\$27,688.00	\$38,700.00

Funds for this project are provided in Department 2355, Budget Account 12350, H. B. 711.

Upon motion of Mr. Loop, seconded by Mr. Allyn, 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 approval shown below accomplishes the following purposes:

- 111 Approves the release of \$360,000.00 from Item 016 College of Medicine - Plans, S. B. 370, for development of preliminary plans for the improvement and upgrading of the College of Medicine and related medical and paramedical activities.
- 114 Approves the release of \$35,000.00 from Item 020 Removal of Veterinary Clinic, S. B. 370, for the demolition of the present Veterinary Clinic and Utility Storage Building.
- 116 Approves the release of \$30,000.00 from Item 019 Plans and Buildings for Mansfield Branch, S. B. 370, for preparation of site plans and preliminary plans for a classroom facility in Mansfield.
- 117 Approves the expenditure of \$34,500.00 from Maintenance 200, H. B. 711, to provide funds for the project "Improvement of North End of Fyffe Road."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Elvis Earl Turner 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 requires Mr. Turner, 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. Ketterer, the above recommendation was approved by unanimous roll call vote.

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Ronald Edwin Slayton 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 requires Mr. Slayton, 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. Ketterer, the above recommendation was approved by unanimous roll call vote.

C. Employment of Engineer - Student Housing, Building No. 10  
(Taylor Tower)

It is recommended that the engineering firm of W. E. Monks 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 estimates of cost, and complete field supervision of construction.

The fee for this service will be 4 1/2 per cent of the cost of the mechanical and electrical contracts or an estimated \$49,500.00.

Funds are available in the Dormitory Construction Fund for this project.

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

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

D. Employment of Architect - Antenna Laboratory  
Control Facility at the Saucer Laboratory

It is recommended that the architectural firm of Freshwater, Harrison & Associates 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 service will be 10 per cent of the estimated cost of the project or \$6,240.00.

Funds are available in Budget Account 91019 for this project.

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

E. Purchase of Buildings and Property, 360 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from George E. Tyack and Bertha J. Carman at a price of \$24,000.00:

Property known as 360 West Ninth Avenue, being 31.75' off the east side of Lot #26 and the west one-half of Lot #27, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

F. Purchase of Buildings and Property, 372 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Clyde M. Foraker at a price of \$21,000.00:

Property known as 372 West Ninth Avenue, being Lot #24, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

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

G. Purchase of Buildings and Property, 382 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Faye N. Thomas at a price of \$24,250.00:

Property known as 382 West Ninth Avenue, being Lot #22 Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

H. Purchase of Buildings and Property, 422 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Geraldine C. Harris at a price of \$18,500.00:

Property known as 422 West Ninth Avenue, being a strip 83' off the south end of Lot #15, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

I. Purchase of Buildings and Property, 342 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Kurt Werner and Pauline Werner at a price of \$33,000.00:

Property known as 342 West Ninth Avenue, being all of Lot #15 and the west one-half of Lot #16, William N. King's Neil Avenue Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

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

J. Purchase of Buildings and Property, 397 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from True G. Watson at a price of \$18,500.00:

Property known as 397 West Tenth Avenue, being Lot #39, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

K. Purchase of Buildings and Property, 2138 Neil Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Marathon Oil Company at a price of \$29,400.00:

Property known as 2138 Neil Avenue, being 95' off the south end of Lot #187 and #188, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Purchase will be consummated as soon as funds are available from S. B. 370 or other authorized sources of funds designated for this purchase.

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

L. Purchase of Buildings and Property, 144-144 1/2 West Frambes Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Jean Smith and the Upper Arlington Church of Christ at a price of \$13,000.00:

Property known as 144 and 144 1/2 West Frambes Avenue, being Lot #177, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Purchase will be consummated as soon as funds are available from S. B. 370 or other authorized sources of funds designated for this purchase.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Everett P. Reed, Professor (Extension Agronomist) Emeritus, Ohio Cooperative Extension Service, and Charles B. Mendenhall, Professor in the Department 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 have been furnished the families of the deceased.

A. Everett P. Reed

The Board of Trustees expresses its sorrow at the death on July 10, 1964, of Everett P. Reed, Professor (Extension Agronomist) Emeritus, Ohio Cooperative Extension Service.

Mr. Reed was born in Gilboa, Putnam County, Ohio, on February 15, 1889. He was graduated from the College of Agriculture, The Ohio State University, in 1914, and served on the staff at the New York Agricultural Experiment Station, Geneva, New York, from 1914 to 1918. Mr. Reed was County Extension Agent, Champaign County, Ohio, 1918 to 1921; Extension Agronomist at The Ohio State University, 1921 to 1933; Field Coordinator, FCA, Louisville, Kentucky, 1933 to 1935; and Extension Agronomist, The Ohio State University, 1935 to 1959.

Professor Reed will long be remembered as an inspirational and untiring teacher of the science of agronomy to Ohio farmers and rural leaders. He was widely known throughout Ohio and the Midwest for his development of the agronomic demonstration as an effective method of teaching. He personally conducted thousands of such demonstrations with Ohio farmers.

Mr. Reed contributed greatly toward the stature of his profession through his activities in local, state, and national organizations. He was a member of Gamma Sigma Phi, Epsilon Sigma Phi, American Society of Agronomy, and American Sugar Beet Technologists Association.

For his dedication to the University and to the profession of agronomy and for his service to the community, Mr. Reed has brought lasting recognition to 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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

B. Charles B. Mendenhall

The Board of Trustees expresses its sorrow at the death on August 2, 1964, of Charles B. Mendenhall, Professor in the Department of Education.



September 11, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Charles B. Mendenhall (continued)

Professor Mendenhall was born on July 31, 1900, in Greensboro, North Carolina, and was educated in the public schools of Cleveland, Ohio. He attended Case Institute of Technology and received the Bachelor of Science degree from Earlham College in 1923. In 1923-24 he was a teaching fellow at Case Institute of Technology and from 1924 to 1926 he was a civil engineer in Cleveland. He joined the staff of the George School, Pennsylvania, in 1926, where he taught mathematics and served as Chairman of the Department of Mathematics for nine years. He completed requirements for the degree of Master of Arts in education at the University of Pennsylvania in 1930. After receiving his Doctor of Philosophy degree in education at The Ohio State University in 1937, he joined the staff of the Department of Education as an Assistant Professor, advancing later to Associate Professor, and then to Professor.

Professor Mendenhall was a Lieutenant Commander in the Navy during World War II and held the rank of Commander in the Naval Reserve at the time of his death.

He was co-author, with Professor Kenneth J. Arisman, of the widely used textbook, Secondary Education: Guidance, Curriculum, and Method, a study of the American secondary school that influenced the thinking of many teachers and administrators. He contributed articles to a number of educational journals, including Educational Outlook, Ohio Schools, Educational Research Bulletin, and Journal of the All-India Council for Secondary Education. From 1956 to 1958 he headed a team of Ohio State University educators that worked in India assisting in the planning of a curriculum study of Indian secondary schools and in the development of an in-service program for teachers in fifty-four extension centers in that country.

Professor Mendenhall, an energetic and vigorous teacher, stimulated both graduate and undergraduate students to a new awareness of the significance of education in the American democracy. He looked upon the secondary school as the agency charged by society with the responsibility of training an informed, intelligent citizenry, imbued with democratic ideals and ready to join hands with men of good will in other lands to advance the cause of peace and human welfare. As a teacher, he was able to transmit to his students his own vision of education as a powerful instrument for the betterment of mankind.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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September 11, 1964 meeting, Board of Trustees

XII. MISCELLANEOUS ACTIONS

A. Resolution of Appreciation - Paul H. Elleman

On behalf of The Ohio State University and its Board of Trustees, President Fawcett presented the following Resolution of Appreciation in recognition of the long, effective, and dedicated service of Paul H. Elleman, who retired as Director of the Physical Plant of The Ohio State University, effective July 31, 1964.

THE OHIO STATE UNIVERSITY

RESOLUTION OF APPRECIATION

WHEREAS

PAUL H. ELLEMAN

has served the University continuously and with singular fidelity since 1922, first as a teacher in the Department of Architecture, then as maintenance engineer, and since 1946 as Director of Physical Plant, and

Whereas

in these various capacities he has applied himself unstintingly and with unusual devotion to the day-to-day well-being and orderly development of the greater University, and

Whereas

he has brought to his multiple tasks rare skill and insight into the growing problems involved, and

Whereas

the standards he set for himself and for those under him are reflected in the mounting respect he has won for himself and for the far-flung activities for which he was responsible, and

Whereas

his professional competence and understanding have been recognized widely both on and off the campus as the recipient of the University's Distinguished Service Award in 1955, and by the National Association of Physical Plant Administrators, which he served twice as president, with its Meritorious Service Award.

Now Therefore Be It Resolved

that the Board of Trustees upon the occasion of his formal retirement as Director of Physical Plant, effective July 31, 1964, commends him warmly for an arduous and

September 11, 1964 meeting, Board of Trustees

XII. MISCELLANEOUS ACTIONS (continued)

A. Resolution of Appreciation - Paul H. Elleman (continued)

difficult task exceptionally well done and wishes for him  
and for Mrs. Elleman a long, happy and rewarding  
future.

Dated this 11th day of September, 1964.

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President  
The Ohio State University

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Chairman  
Board of Trustees

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Secretary  
Board of Trustees

B. Committee Appointments - 1964-65

The Chairman, Mr. Smith L. Rairdon, appointed the following-named  
persons to membership on the Council, Committees, and Boards for  
1964-65 as indicated below:

Finance and Investment Committee

Alan B. Loop, Chairman  
Stanley C. Allyn  
Carlton S. Dargusch  
Frederick E. Jones

Retirement and Insurance Committee

Jacob E. Davis, Chairman  
John W. Bricker  
John G. Ketterer  
Mervin B. France

Development Fund Board of Directors (One-Year Term)

Jacob E. Davis  
Frederick E. Jones

XII. MISCELLANEOUS ACTIONS (continued)

B. Committee Appointments - 1964-65 (continued)

Research Foundation Board of Directors (Three-Year Term, effective July 1, 1964)

Stanley C. Allyn

Association of Governing Boards of Universities and Colleges

Smith L. Rairdon

Inter-University Council

John W. Bricker

C. Appropriations for University Administrative Officials

On behalf of the Finance and Investment Committee of the Board of Trustees, Mr. Alan B. Loop moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to the principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1964-65 be on the same basis as the appropriations for 1963-64: (1) to the President, \$7,500.00; (2) to each of the persons in the following Cabinet offices, \$1,000.00 - Vice President for Instruction and Dean of Faculties; Vice President for Business and Finance; Vice President for Research; Vice President for Educational Services; Vice President for Administration; 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. Jacob E. Davis and adopted by unanimous roll call vote.

D. Employment of Architect - "Center for Tomorrow"

Mr. Alan Loop moved that the President and Vice President for Business and Finance be authorized to proceed with the employment of an architectural firm to provide architectural and engineering services for the "Center for Tomorrow" project, up to and including preliminary plans, outline specifications, and estimate of cost only.

The fee for the total project will be calculated on the basis of 6 per cent of the first \$1,000,000.00 of construction cost, 5 1/2 per cent of the second \$1,000,000.00, and 5 per cent of all over \$2,000,000.00. The fee for the preliminary plans is 20 per cent of the total fee or an estimated \$38,650.00.

It is further recommended that \$38,650.00 be allocated from the University Treasurer General Fund for this purpose.

The motion was seconded by Mr. Jacob Davis and adopted by unanimous roll call vote.

XII. MISCELLANEOUS ACTIONS (continued)

E. Lakeholm Farm (Real Estate Held in Investment Portfolio) -  
Sewer Easement for the City of Mount Vernon

President Fawcett presented the following resolution and recommended its adoption.

WHEREAS, the City of Mount Vernon, Ohio, has requested an easement for sewer purposes across a portion of Lakeholm Farm lands of the Board of Trustees of The Ohio State University; and

WHEREAS, the sewer line will be constructed at the sole cost and expense of a private developer, Landcraft, Inc.; and

WHEREAS, the sewer line will become city property with right of the Board to pay into it at nominal cost; and

WHEREAS, such a sewer line would be of advantage and use to the Board in any future land development;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees of The Ohio State University grant an easement to the City of Mount Vernon, Ohio, over its Lakeholm Farm for the purpose indicated above, upon conditions requiring restoration of the property and a right of future use by the Board; and

BE IT FURTHER RESOLVED, that the President and Vice President for Business and Finance be authorized to execute such an easement with proper conditions required of the City.

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

F. Distribution of Annual Financial Reports--1963-64

Vice President Gordon B. Carson distributed and reviewed in detail the Annual Financial Report of the University for the fiscal year beginning July 1, 1963 and ending June 30, 1964, in which was contained the State Auditor's Report on the assets and liabilities and fund equities of the University.

Vice President Carson also distributed and commented briefly on the financial report of The Ohio State University Endowment Fund.

Upon motion of Mr. Jones, seconded by Mr. Bricker, and by a unanimous roll call vote, the above reports were received and ordered to be filed with the official documents of the Board of Trustees.

XII. MISCELLANEOUS ACTIONS (continued)

G. Analysis of Insurance Operations

Vice President Carson reviewed briefly an "Analysis of Insurance Operations," including a listing of the insurance in force for the University.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the report was received and referred to the Committee on Retirement and Insurance for implementation.

H. Report on the University's Investment Portfolio

Vice President Carson reviewed the reports on the University's Investment Portfolio dated July 31, 1964 and August 31, 1964, and summarized the current operating policies on the management of the Investment Portfolio.

Upon motion of Mr. Loop, seconded by Mr. Allyn, the Board by unanimous vote received the reports and ordered them filed with the official records of the Board of Trustees. It was unanimously agreed that the Committee on Finance and Investments should meet with Vice President Carson at an early date to study the policies now in force for the management of the Investment Portfolio and that a report will be submitted to the Board for formal action at the November meeting.

I. Administrative Reports

President Fawcett presented a statement, which very effectively placed into sharp focus the role of The Ohio State University, its accomplishments, and its plans for the future, as a backdrop for selected progress reports from members of the President's Cabinet, who spoke on topics related to their special areas of interest and responsibility. In accordance with instructions by the Board, the Secretary has included the President's statement and the reports identified below with the official records of the Board of Trustees.

Report on plans for academic management of the University -  
Vice President John C. Weaver, Office for Instruction and  
Dean of Faculties

Operating budget requests for the fiscal biennium 1965-67  
and a plan for financing the "Center for Tomorrow."  
(This Center is to include facilities for Continuing  
Education, Education in National Security, and Tele-  
communications.) - Vice President Gordon B. Carson,  
Office for Business and Finance

Report on research activities for the 1963-64 fiscal year -  
Vice President Alfred B. Garrett, Office for Research

Report on admissions, registrations, and scheduling -  
Vice President John T. Mount, Office for Educational  
Services

September 11, 1964 meeting, Board of Trustees

XII. MISCELLANEOUS ACTIONS (continued)

I. Administrative Reports (continued)

Report on the need for additional facilities for student health services; student organizations; and other student services--including admission, registration, counseling, orientation and testing, housing, student financial aids, discipline, and fee payments - Executive Dean John T. Bonner, Office for Student Relations

A review of the capital improvements program for the next biennium - Executive Director John H. Herrick, Office for Campus Planning

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Thereupon the Board adjourned to meet Friday, October 9, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 9, 1964

The Board of Trustees met at its regular monthly meeting on Friday, October 9, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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The Chairman, Mr. Rairdon, introduced the new member of the Board of Trustees, Mr. Mervin B. France, who was appointed by Governor James A. Rhodes on September 10, 1964, for the unexpired part of the term beginning May 14, 1964 and ending May 13, 1973.

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Minutes of the last meeting were approved.

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October 9, 1964 meeting, Board of Trustees

President Fawcett added a cordial expression of welcome to the new Trustee, Mr. France, on behalf of the University administration, faculty, and student body.

The President noted also the return to the campus of Executive Dean Ronald B. Thompson, who has served for the past year representing The Ohio State University as an advisor to the registrars of Punjab Agricultural University and Udaipur University in India.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Authorization to Proceed With the Development of the Project - "Center for Tomorrow"

For several years The Ohio State University has been actively interested in the development of a facility to house a number of important University activities which are not presently served adequately. The needs of the University in the following separate, but related, areas have been discussed with the members of the Board of Trustees on several occasions:

Continuing Education--particularly for professional people whose knowledge and skill must be updated regularly in our world of rapidly expanding knowledge;

Telecommunications--both to serve on-campus needs and to assist the University to meet its proper role as the center of a state-wide telecommunications network; and

Education in National Security--a venture whose campus focus is with the Mershon Committee for Education in National Security.

The University is now ready to move ahead with a facility to house these activities--a facility which has been called the "Center for Tomorrow." This readiness is in recognition of the concepts

That continuing education is an integral part of the program of a university dedicated to graduate and professional education;

That The Ohio State University should expand its leadership role in educational television in Ohio; and

That the program of education in national security has reached a point where adequate housing is essential if proper emphasis upon the coordination of the program is to be realized.

In the furtherance of these concepts, it is recommended that the Board direct the appropriate University officers under the leadership of the President to proceed vigorously with the steps necessary for the undertaking and completion of the "Center for Tomorrow" project.

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

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## II. PERSONNEL CHANGES

It is recommended that all personnel changes since the September 11, 1964 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Change in Title, Retirement, Leaves of Absence With Salary, and Leaves of Absence Without Salary:

### A. Appointments

William C. Leslie, Visiting Professor (Battelle Professor of Metallurgy), Metallurgical Engineering, September 15, 1964 through June 15, 1965, at a salary of \$22,005.00 for the period.

J. Richard Buchi, Professor, Mathematics, effective October 1, 1964, at a salary of \$18,168.00 per annum.

Paul H. Curtiss, Jr., Professor, Surgery, effective October 1, 1964, at a salary of \$20,160.00 per annum.

### B. Change in Title

Erwin H. Schneider from Professor to Professor and Acting Director of the School of Music, effective October 1, 1964, at a salary of \$13,068.00 per annum.

### C. Retirement of Frank R. Strong as Dean and Professor, College of Law

President Fawcett recommended that Dean Frank R. Strong's request to retire from active duty as Dean and Professor in the College of Law submitted in a letter dated September 17, 1964, be honored and that his service be terminated effective July 31, 1965.

The President reported that in accordance with the Rules for the University Faculty (Rule 13.0301) and in consultation with the Vice President for Instruction and the Law College faculty, a committee representing the faculty has been appointed to advise the President in the process of selecting a person to succeed Dean Strong.

### 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 are recommended for Leaves of Absence With Salary from the Ohio Cooperative Extension Service for the period indicated:

Fred K. Buscher, Instructor (Area Extension Agent, Horticulture), October 1, 1964 through January 31, 1965, to participate in a program of professional improvement at The Ohio State University.

October 9, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence With Salary (continued)

Larry Lee Rhonemus, Instructor (County Extension Agent, 4-H) Champaign County, October 1, 1964 through December 15, 1964, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

Gretchen E. Robinson, Instructor (County Extension Agent, Home Economics) Union County, Ohio Cooperative Extension Service, October 18, 1964 through October 31, 1964, to participate in an educational tour of Europe.

Thomas L. Riley, Instructor (County Extension Agent, Agricultural) Cuyahoga County, Ohio Cooperative Extension Service, August 1, 1964 through January 31, 1965, to participate in a program of professional improvement at the University of Chicago. (This is to correct an error in the July 17, 1964 minutes when a Leave of Absence With Salary was granted.)

Upon motion of Mr. Davis, seconded by Mr. France, the Appointments, Change in Title, Retirement, Leaves of Absence With Salary, Leaves of Absence Without Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Physiological and Pathological Effects of Vibration (to be known as Bureau of State Services Project No. 862 - Ext. #6 - Department of Preventive Medicine).  
Gross Value - \$107,401.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865 - Ext. #6 - College of Pharmacy).  
Gross Value - \$20,640.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Ext. #6 - Department of Physiology).  
Gross Value - \$13,760.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Fractionation Studies on Nondialyzable Materials of Human Urine (to be known as National Institutes of Health Project No. 1023 - Sup. #1 - Department of Physiological Chemistry).  
Gross Value - \$8,011.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Specificity and Role of Leukocyte Antibodies (to be known as National Institutes of Health Project No. 1091 - Ext. #4 - Department of Medicine).  
Gross Value - \$16,080.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Metabolism in the Hypothermic By-Passed Heart (to be known as National Institutes of Health Project No. 1100 - Ext. #4 - Department of Surgery).  
Gross Value - \$39,706.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Ext. #4 - School of Journalism).  
Gross Value - \$22,390.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Effect of Parathyroid Hormone on Pancreatitis in Experimental Animals (to be known as National Institutes of Health Project No. 1171 - Sup. #1 - Department of Surgery).  
Gross Value - \$9,633.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Ext. #4 - Department of Medicine).  
Gross Value - \$380,243.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Pancreatic Hormonal Influence on Gastric Secretion (to be known as National Institutes of Health Project No. 1344 - Ext. #3 - Department of Surgery).  
Gross Value - \$75,600.00.
- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for 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. 1473 - Sup. #5 - RF Internal Supervision).  
Gross Value - \$110,500.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Psycho-physiological Changes Following Septal Damage (to be known as National Institutes of Health Project No. 1517 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$15,202.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effects of Hypothermic Drugs on Behavior (to be known as National Institutes of Health Project No. 1523 - Ext. #2 - College of Pharmacy).  
Gross Value - \$5,904.00.
- n. 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. #4 - Department of Physics).  
Gross Value - \$20,000.00.
- o. 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. #3 - Department of Physics).  
Gross Value - \$20,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- p. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Synthesis and Properties of Naphtho- and Phenanthraquinones (to be known as U. S. Army Research Office - Durham Project No. 1667 - Sup. #2 - Department of Chemistry).  
Gross Value - \$17,513.00.
- q. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for 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 - Mod. #1 - Department of Metallurgical Engineering).  
Gross Value - \$50,000.00.
- r. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C., for Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688 - Change #1 - Department of Speech).  
Gross Value - \$13,000.00.
- s. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Conduct Studies in Radio Astronomy (to be known as Electronic Systems Division Project No. 1703 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- t. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Effects of Pesticides on Reproductive Success of Mice (to be known as Bureau of State Services Project No. 1720 - Ext. #1 - Department of Zoology and Entomology).  
Gross Value - \$14,767.00.
- u. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., for A Study of the Biological Storage System (to be known as Bureau of State Services Project No. 1763 - Sup. #1 - Department of Mathematics).  
Gross Value - \$7,853.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806 - Ext. #1 - Department of Surgery).  
Gross Value - \$21,870.00.



October 9, 1964 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)

- w. Classified Program (to be known as Classified Program Project No. 1815 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- x. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - C. O. #1 - RF Internal Supervision).  
Gross Value - \$150,000.00.
- y. National Aeronautics and Space Administration, Goddard Space Flight Center, Glen Dale Road, Greenbelt, Maryland, for Tracking, Receiving, Recording and Analysis of Data from Echo Satellite (to be known as National Aeronautics and Space Administration Project No. 1878 - New - Department of Electrical Engineering).  
Gross Value - \$24,994.00.
- z. Aeronautical Chart and Information Center, USAF, Second and Arsenal Streets, St. Louis, Missouri, for Collection, Evaluation, Reduction and Processing of Gravity Data (to be known as Aeronautical Chart and Information Center Project No. 1891 - New - Department of Geodetic Science).  
Gross Value - \$94,295.00.
- aa. Base Procurement Division, Building 120/C, Wright-Patterson Air Force Base, Ohio, 4" Hypersonic Wind Tunnel Installation (to be known as Base Procurement Division Project No. 1893 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- bb. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Study of Emission Spectra by Phase Discrimination Method (to be known as Electronic Systems Division Project No. 1896 - New - Department of Physics).  
Gross Value - \$19,989.00.
- cc. Department of the Navy, U. S. Naval Ordnance Test Station, Pasadena Annex, 3202 East Foothill Boulevard, Pasadena, California, Research on Crisis Decision-Making (to be known as Department of the Navy, U. S. Naval Ordnance Test Station Project No. 1897 - New - Department of Political Science).  
Gross Value - \$9,902.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- dd. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies on a Phospholipase from Bacillus cereus (to be known as National Institutes of Health Project No. 1899 - New - Department of Pathology).  
Gross Value - \$7,860.00.
- ee. National Science Foundation, Washington, D. C., for A Monographic Study of the Gyponinae of the World (to be known as National Science Foundation Project No. 1900 - New - Department of Zoology and Entomology).  
Gross Value - \$9,200.00.
- ff. National Science Foundation, Washington, D. C., for an Investigation of Information Receptivity (to be known as National Science Foundation Project No. 1901 - New - Department of Psychology).  
Gross Value - \$21,000.00.

TOTAL - Government Contracts - Federal \$1,383,313.00

2. Industrial and Other Contracts

- a. Illuminating Engineering Research Institute, 1860 Broadway, New York, New York, for Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #7 - Institute for Research in Vision).  
Gross Value - \$2,520.00.
- b. Westreco, Inc., Box 146 Ridgeway Center Building, Stamford, Connecticut, for an Investigation of Carbohydrates of the Coffee Bean (to be known as Westreco, Inc. Project No. 878 - Ext. #8 - Department of Chemistry).  
Gross Value - \$5,537.00.
- c. Illuminating Engineering Research Institute, 1860 Broadway, New York, New York, for Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #7 - Institute for Research in Vision).  
Gross Value - \$24,122.00.
- d. North American Aviation, Inc., Columbus Division, 4300 East Fifth Avenue, Columbus, Ohio, Shock-Shock Interaction Tests (to be known as North American Aviation, Inc. Project No. 1892 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$17,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- e. Raytheon Co., Space and Information Systems Division, Bedford, Massachusetts, for "Organizational Structure" Variables to Decision, or Policy, "Outcomes" (to be known as Raytheon Co. Project No. 1894 - New - Department of Political Science).  
Gross Value - \$9,390.00.
- f. American Heart Association, 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association Project No. 1898 - New - Department of Physiological Chemistry).  
Gross Value - \$1,000.00.

TOTAL - Industrial and Other Contracts \$60,069.00

The foregoing thirty-eight contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,443,382.00.

Upon motion of Mr. Loop, seconded by Mr. Davis, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved unanimously.

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

During the period from September 1, 1964 through September 25, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contract

SC-42 Architectural and Engineering Development Courses (Fallout Shelter Analysis, Protective Construction and Environmental Engineering), Office of Civil Defense, Architectural and Engineering Development Division, U. S. Department of Defense, Washington, D. C.  
Gross Value - \$18,297.80.

2. Industrial Research Contracts

EES-243 A Study of Brake Lining Characteristics to Develop Quality  
Ext. #1 Control Tests, The Ford Motor Company, Ford Division,  
Dearborn, Michigan.  
Gross Value - \$24,000.00.

October 9, 1964 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-251 Comprehensive Planning Studies of the Marion Urban Area,  
Marion County Regional Planning Commission, Marion,  
Ohio.  
Gross Value - \$1,000.00.

EES-252 Generalized Thermodynamic Properties of Natural Gases  
Based on A. G. A. Compressibility Data, Columbia Gas  
System Service Corporation, Columbus, Ohio.  
Gross Value - \$14,866.00.

TOTAL - Industrial Research Contracts \$39,866.00

The foregoing four contracts for research in the Engineering Experiment  
Station represent a gross income of \$58,163.80.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received  
since September 11, 1964, and are hereby reported for the record. Appropri-  
ate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$5,490.00 granted by the Department of Health, Education, and Welfare,  
Public Health Service, Division of Community Health Services, Wash-  
ington, D. C., to the University for "Writing, Editing, and Publication  
in Public Health Dentistry," under the direction of Robert C. McGiffert,  
Lecturer in the School of Journalism, for the period December 13, 1964  
through December 18, 1964. [Grant STT-149-65(CH)]

B. Received Through the Development Fund

1. \$10,000.00 from Abbott Laboratories for use in the College of Medicine.
2. \$5,000.00 from The General Electric Foundation, Ossining, New York,  
for the 1964-65 Graduate Research and Study Grant in Mechanical  
Engineering.
3. \$1,400.00 from The Markey Foundation for The Markey Foundation  
Scholarship Fund.

October 9, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

- 4. \$1,000.00 from Jack S. Resler to be added to The John B. Fullen Scholarship Fund.

TOTAL - Through the Development Fund \$17,400.00

Upon motion of Mr. France, seconded by Mr. Davis, the above report of grants and gifts was accepted by unanimous 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 September, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	399	\$ 14,447.00
Individuals, other than alumni	48	3,212.50
Nonprofit organizations	35	79,005.90
Business concerns	19	49,839.72
	<u>501</u>	<u>\$146,505.12</u>

Of these gifts, 228 totaling \$3,370.77 were undesignated and 273 totaling \$143,134.35 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for Purchase of Research Equipment

At the request of the Vice President for Research, and with the concurrence of the Vice President for Business and Finance, it is recommended that \$3,850.00 be appropriated from the University Treasurer Research Sub-account (f) to the Department of Chemistry for the purchase of research equipment. This appropriation, when added to an amount of \$4,850.00 received in grants from NIH and NSF, will enable the Department of Chemistry to purchase a Perkin Elmer Model 137B Infracord Spectrophotometer No. 137-0001 and an Aerograph Autoprep Model 700 Gas Chromatograph.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, the Board of Trustees by a unanimous roll call vote approved the above appropriation of funds.

October 9, 1964 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. The Ohio State University Press

Upon the request of the Dean of the Graduate School and the Editorial Board for the University Press, it is recommended that an amount not to exceed \$30,000.00 be allocated from the University Treasurer General Fund to Rotary 18865, The Ohio State University Press, for the fiscal year 1964-65.

Upon motion of Mr. Bricker, seconded by Mr. Loop, the foregoing recommendation for appropriation of funds was approved by unanimous roll call vote.

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VI. EXTRA ORDERS AND EXTENSION OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Orders and Extensions of Time for Completion of Contracts as outlined below be approved by the Board of Trustees:

A. Remodeling of Highway Testing Laboratory

General Contract

It is recommended that all existing steel sash within scope of the remodeling project be removed and aluminum sash complete with anchors, glass, and glazing be installed.

Add    \$5,000.00

Funds will be provided from Item 022, S. B. 370.

B. Student Housing Building #12 (Drackett Tower)

Plumbing Contract

It is recommended that a temporary 6" water line be provided to connect to the existing 6" water line at the east side of the project. This work will include an 8" reducer at the building and shut-off valve, "wet tap," and service valve at the existing line.

Add    \$ 718.00

Funds will be provided from the Dormitory Construction Fund.

C. Renovation of Building for Dormitory Central Food Facility, Phase I

General, Plumbing, and Electrical Contracts

It is recommended that an extension of time for completion of contracts be granted for the above divisions of this project from September 16 to October 10, 1964. The Refrigeration Contract was readvertised and was not awarded until 22 days after the other contracts, thereby delaying their completion.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, 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 and with the concurrence of the Council on Business Affairs, it is 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. Repairs to Stadium Southeast Tower

This project includes the renovation and relocation of facilities for the Departments of Athletics, Intramural Sports, and University Recreation.

Funds will be provided from Athletic Department Revenue.

Upon motion of Mr. France, seconded by Mr. Davis, 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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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Addition and Alternations to George Wells Knight International Student Center

Bids were received on September 17, 1964, for this project and all bids for the Electrical Contract were rejected. The low bid for the General Contract was accepted and the Electrical Division was readvertised with bids received on September 23, 1964. The recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received)		
Joe Potter (Worthington)	\$ 26,837.00	\$ 38,135.00
 <u>Electrical Contract (Readvertised)</u> (2 bids received)		
Jess Howard Electric Co. (Columbus)	<u>2,440.00</u>	<u>4,500.00</u>
Total Contracts	<u>\$ 29,277.00</u>	<u>\$ 42,635.00</u>

Funds for this project will be provided from Budget Account 21272 International Student Center Program.

October 9, 1964 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Food Facility, Phase II

Bids were received on September 4, 1964, for this project and all bids for the General, Plumbing, and Electrical Contracts were rejected. The low bids for the Heating, Ventilating, and Refrigeration, Kitchen Equipment, and Bakery Equipment Contracts were accepted and the other divisions were readvertised with bids received on September 22, 1964. The recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract (Readvertised)</u> (5 bids received)		
E. J. Will & Co. (Columbus)	\$ 35,839.00	\$ 42,600.00
<u>Plumbing Contract (Readvertised)</u> (2 bids received)		
G. E. Beery, Inc. (Columbus)	31,900.00	39,000.00
<u>Electrical Contract (Readvertised)</u> (3 bids received)		
Blum & Son Electric Co. (Columbus)	19,959.00	24,400.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (5 bids received)		
Limbach Company (Columbus)	57,000.00	58,000.00
<u>Kitchen Equipment Contract</u> (6 bids received)		
John Van Range Co. (Cincinnati)	32,283.00	35,000.00
<u>Bakery Equipment Contract</u> (6 bids received)		
Great Lakes Hotel Supply Co. (Detroit, Michigan)	42,953.00	47,000.00
Total All Contracts	<u>\$219,934.00</u>	<u>\$246,000.00</u>

Funds for this project will be provided from Account 86291, General Dormitory Fund, University Treasurer Account.

C. Electrical Engineering Research Facility (Caldwell Laboratory)

Bids were received on October 1, 1964, for this project and the recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received)		
D. E. Gardner Co. (Columbus)		
Base Bid	\$234,811.00	\$254,717.00
Alt. G-1 Roof Walkways	400.00	550.00
Alt. G-2 Guard Rail, Penthouse	900.00	800.00
Alt. G-3 Stone Spandrels	1,800.00	2,057.00
Alt. G-4 Remodel 4th Floor for Air Conditioning	5,400.00	5,264.00
Total General Contract	<u>\$243,311.00</u>	<u>\$263,388.00</u>



October 9, 1964 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Electrical Engineering Research Facility (Caldwell Laboratory) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(7 bids received)		
Limbach Company (Columbus)		
Base Bid	\$144,800.00	\$148,236.00
Alt. HV-1 Air Conditioning for 4th Floor	<u>11,800.00</u>	<u>27,500.00</u>
Total Heating, Ventilating, and Air Conditioning Contract	<u>\$156,600.00</u>	<u>\$175,736.00</u>
 <u>Plumbing Contract</u>		
(6 bids received)		
Roland A. Esswein & Sons (Columbus)		
Base Bid	\$ 14,486.00	\$ 19,063.00
Alt. P-1 Vacuum Cleaning System	986.00	1,100.00
Total Plumbing Contract	<u>\$ 15,472.00</u>	<u>\$ 20,163.00</u>
 <u>Electrical Contract</u>		
(8 bids received)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 80,300.00	\$ 83,765.00
Alt. E-1 4th Floor Air Conditioning	1,390.00	1,650.00
Alt. E-2 Vacuum Cleaning System	300.00	385.00
Alt. E-3 Increase Capacity Lab Feeders	<u>4,600.00</u>	<u>6,000.00</u>
Total Electrical Contract	<u>\$ 86,590.00</u>	<u>\$ 91,800.00</u>
 <u>Laboratory Equipment Contract</u>		
(3 bids received)		
Hamilton Mfg. Co. (Cincinnati)	<u>\$ 3,617.00</u>	<u>\$ 3,960.00</u>
 <u>Total All Contracts</u>	 <u>\$505,590.00</u>	 <u>\$555,047.00</u>

Funds for this project will be provided from a National Science Foundation Grant, the University Treasurer Research Account, and a transfer from Item 315-003, S. B. 370.

Upon motion of Mr. France, seconded by Mr. Loop, 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 approval shown below accomplished the following purpose:

- 109 Approves the transfer of \$206,805.00 from Item 315-003 Modernization of Engineering and Physical Science Facilities to Item 315-026 Electrical Engineering Research Facilities, Caldwell Laboratory, S. B. 370, to provide funds for the award of contracts for the Caldwell Laboratory project.
- 112 Approves the transfer of \$102,300.00 from Item 315-009 Campus Loop Road to Item 315-025 Olentangy River Improvement, S. B. 370, to provide funds for repair to the dam.
- 115 Approves the transfer of \$46,200.00 from Item 315-020 Removal of Veterinary Clinic to Item 315-028 Veterinary Clinic and Animal Hospital, S. B. 370, to provide funds for the preparation of plans and specifications and test borings and site survey for the Veterinary Clinic and Animal Hospital.
- 118 Approves the expenditure of \$44,487.75 from Maintenance 200, H. B. 711, to provide funds for the contracts for "Furnish and Install Vinyl Tile" and "Interior Painting and Patch Plastering."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Architects - Modernization of Orton Hall and Mendenhall Laboratory

It is recommended that the architectural firm of Ted H. Prindle & 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.

The fee will be computed on the basis of 8 per cent of the contract cost or an estimated \$19,480.00. Funds will be provided from Item 021, S. B. 370.

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

B. Employment of Architects and Engineers - Veterinary Hospital

It is recommended that the firm of Richards, Bauer and Moorhead, Architects and Engineers, be employed to provide architectural and engineering services for this project, up to and including preliminary plans, outline specifications, and estimate of cost only.

If the project proceeds beyond the preliminary stage, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

October 9, 1964 meeting, Board of Trustees

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

B. Employment of Architects and Engineers - Veterinary Hospital (continued)

The fee for the preliminary work only is estimated to be \$36,280.00, based on the total standard fee schedule. Funds for this service are provided in Item 315-028, S. B. 370.

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

C. Purchase of Buildings and Property, 381 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from H. & P., Inc., at a price of \$23,000.00:

Property known as 381 West Tenth Avenue, being Lot #36, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

D. Purchase of Buildings and Property, 389 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from June F. Kennedy at a price of \$18,500.00:

Property known as 389 West Tenth Avenue, being Lot #38, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

E. Purchase of Buildings and Property, 311 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Beatrice C. Uhleman and Norman Uhleman at a price of \$27,300.00:

Property known as 311 West Tenth Avenue, being 8' off the west side of Lot #9 and 32' off the east side of Lot #10, William N. King's Neil Avenue Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

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

F. Purchase of Buildings and Property, 1585-89 Belmont Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from P. M. Rhulman and Louellyn G. Rhulman at a price of \$28,000.00:

Property known as 1585, 1587, 1589 Belmont Avenue, being Lot #21, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

G. Purchase of Buildings and Property, 398 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Lucy O. Miller at a price of \$20,000.00:

Property known as 398 West Ninth Avenue, being Lot #20, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

H. Purchase of Buildings and Property, 307 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Essie W. Hunter and Ceola W. Poore at a price of \$25,500.00:

Property known as 307 West Tenth Avenue, being 2' off the west side of Lot #8 and 29' off the east side of Lot #9, William N. King's Neil Avenue Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

I. Employment of Architects - General Academic Facility, Mansfield Campus

It is recommended that the architectural firm of Marr, Knapp & Crawfis be employed to provide architectural and engineering services for this project, up to and including preliminary plans, outline specifications, and estimate of cost only. If the project proceeds beyond the preliminary stage, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

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

I. Employment of Architects - General Academic Facility, Mansfield Campus  
(continued)

The fee will be calculated on the basis of 6 per cent of the first \$1,000,000 and 5 1/2 per cent for all over the first \$1,000,000 of construction cost or an estimated fee of \$20,965.00 for the preliminary work. Funds will be provided from Item 315-019, Plans and Buildings for Mansfield Branch, S. B. 370.

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

J. Employment of Architects - General Academic Facility, Lima Campus

It is recommended that the architectural firm of Strong, Strong & Strong 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. Complete supervision of construction is not included at this time, but it is understood that supervision may be added in accordance with the standard fee schedule.

The fee will be calculated on 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 all over \$3,000,000 of construction cost or an estimated fee of \$90,330.00 for the above described work. Funds for this service will be provided from Item 315-018, Plans and Buildings for Lima Branch, S. B. 370.

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

K. Employment of Architects - "Center for Tomorrow"

The Board of Trustees at its September 11, 1964 meeting authorized the employment of an architectural firm to provide architectural and engineering services for the "Center for Tomorrow" project. (See page 143 of the September 11, 1964 meeting of the Board of Trustees.) Pursuant to this action, it is now recommended that the architectural firm of Lorenz and Williams, Dayton, Ohio, be and hereby is appointed project architect for the "Center for Tomorrow."

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William H. Dietz, Associate Professor in the College of Dentistry, and William E. Utterback, Professor Emeritus in the Department of Speech. 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 have been furnished the families of the deceased.

October 9, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. William H. Dietz

The Board of Trustees expresses its sorrow at the death on September 15, 1964, of William H. Dietz, Associate Professor in the College of Dentistry.

Professor Dietz was born on October 1, 1905, in Cleveland, Ohio, and was graduated from Brown Prep School in Philadelphia, Pennsylvania. He attended Ohio State University College of Arts and Sciences for his pre-dental training, entered the College of Dentistry at The Ohio State University in 1927, and received the degree of Doctor of Dental Surgery in 1931. He attended a postgraduate course in general anesthesia at Flower Hospital in Toledo, Ohio, in 1937. Between 1953 and 1961 he attended ten postgraduate courses in different fields of dentistry at The Ohio State University. In 1953 he joined the faculty of the College of Dentistry as an Instructor, advancing later to Assistant Professor and then to Associate Professor, the rank held at the time of his death.

Dr. Dietz was engaged in the private practice of dentistry in Norwalk, Ohio, from 1931 to 1942 and from 1946 to 1951.

Professor Dietz entered the Armed Services in 1942 and was made Battalion Dental Surgeon (overseas), Aviation Signal Corps. In 1944 he advanced to Chief Dental Surgeon, 2nd Air Task Force, 5th Air Force, the position he held until his retirement in 1945 with the rank of Captain.

He was the author of two articles on preparation and restoration of abutment teeth for prosthetic appliances, which appeared in the Journal of Prosthetic Dentistry.

He held memberships in Omicron Kappa Upsilon, Psi Omega Fraternity, American Prosthodontics Society, Pierre Fauchard Academy, Columbus Dental Society, Ohio State Dental Association, and American Dental Association.

Professor Dietz, an energetic and vigorous teacher, stimulated the undergraduate dental students to an appreciation of excellence in the clinical practice of dentistry. He also provided additional stimulus and inspiration to dental students by his excellent work in clinical diagnosis and seminar teaching. Dr. Dietz added to the status of the profession of dentistry by his guidance and teaching of many future dentists during his teaching career.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

B. William E. Utterback

The Board of Trustees expresses its sorrow at the death on June 19, 1964, of William E. Utterback, Professor Emeritus in the Department of Speech.

October 9, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. William E. Utterback (continued)

Professor Utterback was graduated from Huron College in South Dakota in 1919 with an A. B. degree. He received the M. A. degree from Dartmouth College in 1924 and the Ph. D. degree from Cornell University in 1938.

Dr. Utterback joined the faculty of the Department of Speech of The Ohio State University as an Associate Professor in the fall of 1946, after a total of 26 years of teaching at Cornell University, Dartmouth College, Oberlin College (where from 1926 to 1937 he was Head of the Department of Speech) and the College of the City of New York. He was promoted to the rank of Professor in 1954. He directed the discussion area of the public address division, developed new and more effective procedures in the teaching of discussion, and pioneered in the application of quantitative methods to research in discussion. In addition to his teaching, he served for a time as Vice Chairman of the Department; as Chairman of the Graduate Committee of the Department of Speech; and, for several years prior to his retirement, as Director of the Public Address Division and as foreign language advisor to all graduate students in the Department.

Professor Utterback made many contributions to the literature in the field of speech through which he established himself as a highly respected and competent scholar. He made unique contributions to the knowledge of the processes and methods of effective communication in small group conferences.

In the year 1959-60 he was honored with a Fulbright grant to lecture at the University of Amsterdam, Holland. In addition to his work at the University of Amsterdam, he lectured to numerous groups of Dutch psychologists and social administrators on his theories of discussion and group methods.

Dr. Utterback was actively interested in the United Nations Association, serving for a time as President of the Columbus chapter and as a member of the Board of Directors of the national organization. He was a unique man with a deep sense of loyalty to his profession and to the institutions and organizations he served. He had the qualities of imagination, thoroughness, and acumen. In conversation and in committee and faculty meetings, he always spoke softly and in low key, but what he had to say always revealed depth of understanding of the subject matter being discussed. Because of this he had the profound respect of his colleagues.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Reports from the Finance and Investment Committee

1. Repayment of Loan for Construction of Hangar No. 4, University Airport

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following recommendation:

At the request of the Vice President for Business and Finance, it is recommended that the Board Resolutions of July 13, 1962 and December 13, 1962, be amended to provide for repayment of the Hangar No. 4 loan over a period not to exceed thirty years at 4 per cent, and that the repayment be returned to the University Treasurer General Fund.

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

2. Report on the University's Investment Portfolio

Upon motion of Mr. Jones, seconded by Mr. Dargusch, the report on the University's Investment Portfolio, dated September 30, 1964, as submitted to the Finance and Investment Committee of the Board of Trustees and the recommendation relating to the sale of certain equities, as detailed in the reported, was approved. The report was ordered filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, November 6, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman



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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 6, 1964

The Board of Trustees met at its regular monthly meeting on Friday, November 6, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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November 6, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Cooperative Extension Service - Personnel Budget  
Revision for 1964-65

The Eighty-eighth Congress has approved a small increase in the appropriation for the Cooperative Extension Service as provided in the Smith-Lever Act. It is recommended therefore that the Personnel Budget for the Ohio Cooperative Extension Service as approved by the Board of Trustees on June 5, 1964, be amended to include the additional amount of \$165,924.00 to be retroactive to July 1, 1964, making the total \$3,699,157.00 for the 1964-65 fiscal year.

It is further recommended that the salary adjustments made possible by this increase be approved and that the details of these changes be recorded in the official "Salary Roll" of the University.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the Ohio Cooperative Extension Service Personnel Budget as amended was approved by unanimous roll call vote, and the Secretary was instructed to record the amendments resulting from this increase on the "Salary Roll" of the University for 1964-65.

B. Authorization to Proceed With the Development  
of the Project - "Graduate House"

For several years The Ohio State University has been interested in the development of housing facilities specially designed to meet the needs of the increasing graduate student enrollment; and since the University does not have an adequate facility for the housing of graduate students, now numbering approximately 6,000, it is recommended that the Board of Trustees initiate the project to be known as "Graduate House" and direct the President and Vice President for Business and Finance to proceed with the necessary studies directed toward the optimum plan for financing, constructing, and equipping such a facility.

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

C. Naming of Street

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with appropriate administrative officers of the University, it is recommended that a street to be constructed in the North Residence Hall Complex be named "Curl Drive," in memory of the late Lt. Colonel James G. Curl, Lt. Colonel Curl, B.Sc. in Bus. Adm. 1940, was killed in action in March 1945 while in service to his country as an officer in the U. S. Army Air Corps. He had been awarded the Distinguished Service Cross, Distinguished Flying Cross, Silver Star, Air Medal with clusters, Presidential Citation, and the Purple Heart, and was one of the few Americans to hold the British Distinguished Service Order.

November 6, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Street (continued)

The new street "Curl Drive" will begin at the intersection of North College Road and Woodruff Avenue and extend through the North Residence Hall Complex to Neil Avenue at a point between West Frambes Avenue and West Lane Avenue.

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

Upon motion of Mr. France, seconded by Mr. Jones, the Board of Trustees approved by a unanimous roll call vote the naming of the new street running from the intersection of North College Road and Woodruff Avenue through the North Residence Hall Complex to Neil Avenue at a point between West Frambes Avenue and West Lane Avenue.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the October 9, 1964 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointment, Leave of Absence With Salary, and Leaves of Absence Without Salary:

A. Appointment

Raymond H. Muessig, Professor, Department of Education, effective October 1, 1964, at a salary of \$12,468.00 per annum.

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 is recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated.

Herbert H. Hadley, Associate Professor (District Supervisor), effective January 1, 1965 through March 15, 1965, to participate in a program of professional improvement at Michigan State University.

C. Leaves of Absence Without Salary

Gladys H. Crawford, Assistant Professor, Psychology, effective October 1, 1964 through September 30, 1965, to study at Teachers College, Columbia University.

Elizabeth W. Edmond, Instructor, Pediatrics, effective October 1, 1964 through October 13, 1964, due to ill health.

Margaret A. Goode, Instructor, School of Nursing, effective September 23, 1964 through December 31, 1964, due to ill health.

November 6, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Marlene Linkenbach, Instructor, School of Nursing, effective November 1, 1964 through November 15, 1964, for personal reasons.

Upon motion of Mr. Davis, seconded by Mr. Loop, the Appointment, Leave of Absence With Salary, Leaves of Absence Without Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Sup. #1 - Department of Physiology).  
Gross Value - \$4,000.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Ext. #6 - Department of Psychology).  
Gross Value - \$24,206.00.
- c. Department of Navy, Office of Naval Research, Washington, D. C., for an Investigation of Properties of Non-Metallic Solids at Low Temperatures, by Use of Nuclear Magnetic Resonance Techniques (to be known as Office of Naval Research Project No. 989 - Amend. #10 - Department of Physics).  
Gross Value - \$17,500.00.
- d. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., for A Study on the Metal Complexes of Polyfunctional 2-Aminoethiols (to be known as Office of the Surgeon General Project No. 1092 - Mod. #10 - Department of Chemistry).  
Gross Value - \$11,060.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Electron Microscopy of Cervical Carcinogenesis (to be known as National Institutes of Health Project No. 1159 - Ext. #4 - Department of Pathology).  
Gross Value - \$11,820.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hormonal Regulations of Cellular Processes (to be known as National Institutes of Health Project No. 1172 - Ext. #4 - Department of Agricultural Biochemistry).  
Gross Value - \$19,020.00.
- g. Department of Navy, Office of Naval Research, Washington, D. C., for an Investigation of Infrared Spectra and the Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #7 - Department of Physics).  
Gross Value - \$7,300.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409 - Ext. #3 - Department of Physiology).  
Gross Value - \$10,200.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemical Reactions of Coordinated Functional Groups (to be known as National Institutes of Health Project No. 1501 - Ext. #2 - Department of Chemistry).  
Gross Value - \$28,008.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Operant Conditioning in Retardates (to be known as National Institutes of Health Project No. 1524 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$24,915.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Ext. #2 - Department of Agricultural Biochemistry).  
Gross Value - \$19,304.00.

November 6, 1964 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)

- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Modes of Action of Tetracycline Antibiotics (to be known as National Institutes of Health Project No. 1554 - Ext. #2 - Department of Agricultural Biochemistry).  
Gross Value - \$19,325.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571 - Ext. #2 - Department of Agricultural Biochemistry).  
Gross Value - \$15,651.00.
- n. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward the Analysis of Global and Special Gravity Measurements (to be known as Electronic Systems Division Project No. 1613 - Mod. #3 - Department of Geodetic Science).  
Gross Value - \$5,000.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Neuroendocrine Integration in a Simple Organism (to be known as National Institutes of Health Project No. 1622 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$10,134.00.
- p. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis Services in Flight Control (to be known as Systems Engineering Group, Research and Technology Division Project No. 1635 - Mod. #4 - RF Internal Supervision).  
Gross Value - \$13,500.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Work Inhibition and Motivation in Learning (to be known as National Institutes of Health Project No. 1656 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$13,434.00.
- r. National Aeronautics and Space Administration, Washington, D. C., for an Investigation of Spacecraft Antenna Problems (to be known as National Aeronautics and Space Administration Project No. 1691 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$44,830.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- s. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, for A Computer Oriented Exercise in Weapons Systems Management (to be known as Air Force Institute of Technology Project No. 1717 - Sup. #9 - Defense Management Center).  
Gross Value - \$58,000.00.
- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Behavior Following Rearing in a "Random" Environment (to be known as National Institutes of Health Project No. 1726 - Ext. #1 - Department of Psychology).  
Gross Value - \$12,654.00.
- u. National Science Foundation, Washington, D. C., for Support of the Institute of Polar Studies, 1964-1965 (to be known as National Science Foundation Project No. 1768 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$4,600.00.
- v. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Into the Scattering of Electro-magnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division Project No. 1793 - Mod. #1 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- w. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Initial Stages of Oxidation of Metals (to be known as U. S. Army Research Office - Durham Project No. 1851 - Mod. #1 - Department of Metallurgical Engineering).  
Gross Value - \$15,350.00.
- x. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for an Investigation of Staff Conflicts in the Public Schools (to be known as Office of Education Project No. 1895 - New - Department of Sociology and Anthropology).  
Gross Value - \$73,661.00.
- y. National Aeronautics and Space Administration, Washington, D. C., for an Investigation of Radar and Microwave Radiometric Techniques for Geoscience Experiments (to be known as National Aeronautics and Space Administration Project No. 1903 - New - Departments of Electrical Engineering and Geology).  
Gross Value - \$120,000.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- z. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for a Grammatical Sketch of the Komi (Zyryan) Language (to be known as Office of Education Project No. 1905 - New - College of Arts and Sciences - Linguistics Division).  
Gross Value - \$5,046.00.
- aa. Air Force Office of Scientific Research, Office of Aerospace Research, Washington, D. C., for an Investigation of Rotating R-F Field Plasma (to be known as Office of Aerospace Research Project No. 1906 - New - Department of Physics).  
Gross Value - \$29,514.00.
- bb. National Science Foundation, Washington, D. C., for an Investigation of Microscopic Structure of Liquids and Solids (to be known as National Science Foundation Project No. 1908 - New - Department of Physics).  
Gross Value - \$27,300.00.
- cc. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Stiles-Crawford Effect (to be known as National Institutes of Health Project No. 1925 - New - School of Optometry).  
Gross Value - \$35,806.00.
- dd. U. S. Department of Agriculture, Forest Service, Central States Forest Experiment Station, 111 Old Federal Building, Columbus, Ohio, for an Investigation of Host-Insect Relations of the Elm Tree (to be known as U. S. Department of Agriculture, Forest Service Project No. 1927 - New - College of Pharmacy).  
Gross Value - \$3,500.00.
- ee. National Science Foundation, Washington, D. C., for an Investigation of Pleistocene Environment of the Southern Coast of Bering-Chukchi Land Bridge (to be known as National Science Foundation Project No. 1929 - New - Department of Zoology and Entomology).  
Gross Value - \$1,800.00.

TOTAL - Government Contracts - Federal \$716,438.00

2. Industrial and Other Contracts

- a. A. H. Robins Co., Inc., 1407 Cummings Drive, Richmond, Virginia, for Isolation of Active Constituents of Certain Plants With Reputed Medicinal Value (to be known as A. H. Robins Co., Inc. Project No. 1209 - Ext. #5 - College of Pharmacy).  
Gross Value - \$3,600.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- b. Health Research, Inc., Roswell Park Division, 666 Elm Street, Buffalo, New York, for Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Ck. #010055 - Department of Surgery).  
Gross Value - \$750.00.
- c. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Pressure-Flow Relationships of Brain Circulation (to be known as Central Ohio Heart Association Project No. 1909 - New - Department of Surgery).  
Gross Value - \$10,195.50.
- d. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 1910 - New - Department of Surgery).  
Gross Value - \$6,817.65.
- e. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Studies on Duration of Action and Excretion of Radioactive Digitalis Preparations in Patients With Renal Insufficiency (to be known as Central Ohio Heart Association Project No. 1911 - New - Department of Medicine).  
Gross Value - \$11,195.10.
- f. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Genetic Studies of Heart Disease (to be known as Central Ohio Heart Association Project No. 1912 - New - Department of Medicine).  
Gross Value - \$5,830.60.
- g. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Digitalis Assay in Man (to be known as Central Ohio Heart Association Project No. 1913 - New - Department of Medicine).  
Gross Value - \$6,213.00.
- h. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Accumulation Glycogen in the Rat Heart (to be known as Central Ohio Heart Association Project No. 1914 - New - Department of Pathology).  
Gross Value - \$8,400.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- i. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Evaluation of Spatial Magnitude and Spatial Velocity Electrocardiograms in Humans and in Dogs (to be known as Central Ohio Heart Association Project No. 1915 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$4,064.55.
- j. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Right Ventricular Function in Cor Pulmonale (to be known as Central Ohio Heart Association Project No. 1916 - New - Department of Medicine).  
Gross Value - \$9,753.45.
- k. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Blood Catechol Levels During Experimentally Induced Emotion in Man (to be known as Central Ohio Heart Association Project No. 1917 - New - Department of Surgery).  
Gross Value - \$6,809.25.
- l. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Neurohumoral Factors in Conditioned Cardiovascular-Renal Responses in Dogs (to be known as Central Ohio Heart Association Project No. 1918 - New - College of Pharmacy).  
Gross Value - \$4,987.50.
- m. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Biochemical Basis for the Myocardial Response to Catecholamines (to be known as Central Ohio Heart Association Project No. 1919 - New - Department of Medicine).  
Gross Value - \$8,925.00.
- n. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Cardiovascular Sounds in the Horse (to be known as Central Ohio Heart Association Project No. 1920 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$6,674.85.
- o. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for a New Method for Studying Myocardial Contractility (to be known as Central Ohio Heart Association Project No. 1921 - New - Department of Veterinary Physiology).  
Gross Value - \$7,864.50.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- p. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for The Development of an Implantable Mechanical Heart (to be known as Central Ohio Heart Association Project No. 1922 - New - Department of Surgery).  
Gross Value - \$7,413.00.
- q. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Measurement of Ventricular Volume (to be known as Central Ohio Heart Association Project No. 1923 - New - Department of Medicine).  
Gross Value - \$6,394.50.
- r. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Influence of Sympathetic Mediators on the Susceptibility to Cardiac Arrhythmias (to be known as Central Ohio Heart Association Project No. 1924 - New - Department of Pharmacology).  
Gross Value - \$6,300.00.

TOTAL - Industrial and Other Contracts \$122,188.45

The foregoing forty-nine contracts for research in cooperation with Government, Industry and Other represent a gross income of \$838,626.45.

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 unanimously.

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

During the period from October 1, 1964 through October 23, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

EES-229	Effects of Illumination on Operating Characteristics of
Ext. #1	Freeways, National Academy of Sciences, Highway Research Board, Washington, D. C.
	Gross Value - \$15,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Research Contracts (continued)

EES-254 Visual Information Needed by the Driver at Night, National Academy of Sciences, Highway Research Board, Washington, D. C.  
Gross Value - \$90,000.00.

TOTAL - Government Research Contracts \$105,000.00

2. Industrial Research Contracts

EES-253 Establishment of a Base for Comparison of Surfactant Removal by Activated Sludge, The Soap and Detergent Association, New York, New York.  
Gross Value - \$6,000.00.

EES-255 Biodegradation of Spic and Span, The Procter & Gamble Company, Ivorydale Technical Center, Cincinnati, Ohio.  
Gross Value - \$2,646.00.

TOTAL - Industrial Research Contracts \$8,646.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$113,646.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since October 9, 1964, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$313,200.00 granted by the National Science Foundation to the University for support of an "Academic Year Institute in Science and Mathematics for Secondary School and College Teachers," under the direction of Professor John S. Richardson, Department of Education. This grant terminates September 30, 1966. (GE-6831)

B. Received Through the Development Fund

1. \$25,000.00 from Miss Catherine R. Galvin, Lima, Ohio, specifically designated for the purpose of assisting in the development of the Lima Branch of The Ohio State University.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

2. \$11,370.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$9,152.00 from the Mark L. Morris Animal Foundation, Denver, Colorado, for three research projects in the College of Veterinary Medicine.
4. \$7,239.00 from the Charles F. High Foundation for the Charles F. High Foundation Scholarship Fund.
5. \$7,171.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
6. \$5,000.00 from Ben B. Beyer for the Ben B. Beyer Scholarship Fund No. 2.

Ben B. Beyer Scholarship Fund No. 2

The Ben B. Beyer Scholarship Fund No. 2 was established October 9, 1964, by a gift through the Development Fund from Ben B. Beyer. The principal is to be invested in accordance with Section 3335.12 G. C. The income is to be used in the same manner and according to the same regulations as prescribed for The Ohio Association of Real Estate Boards Scholarship Fund.

(Mr. Beyer requests that the Fund now known as the Ben B. Beyer Scholarship Fund, which was established September 8, 1961, and approved by the Board on October 6, 1961, be changed to the Ben B. Beyer Scholarship Fund No. 1.)

7. \$5,000.00 from the Accountants Fund, Inc., New York, New York, for a fellowship in accounting.
8. \$5,000.00 from Eli Lilly and Company for the Eli Lilly and Company Fund for Microbiology.
9. \$4,900.00 from the Alfred P. Sloan Foundation for the Alfred P. Sloan Foundation Scholarship Fund.
10. \$4,600.00 from the Air Reduction Sales Co. for the Air Reduction Company Fellowship in Welding Engineering.
11. \$4,368.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
12. \$4,065.00 from the American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fellowship Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

13. \$3,750.00 from Monsanto Chemical Company--\$2,250.00 for the Monsanto Fund in Chemical Engineering and \$1,500.00 for the Monsanto Fellowship in Chemistry.
14. \$3,630.00 from Tek-Hughes for use in the College of Dentistry.
15. \$3,630.00 from Westinghouse Electric Corporation for use in the College of Dentistry.
16. \$3,500.00 from the Goodyear Tire & Rubber Company Foundation for the Goodyear Foundation Fellowship Fund.
17. \$2,500.00 from Beecham Research Laboratories for the Infectious Disease Research Fund.
18. \$2,240.00 from the National Society for Prevention of Blindness, Inc., New York, New York, for an investigation of Cornea Neovascularization in the Department of Ophthalmology.
19. \$1,300.00 from Socony Mobil Oil Company, Inc., New York, New York--\$800.00 for a scholarship in the Department of Geology and \$500.00 for unrestricted use in the Department of Geology.
20. \$1,000.00 from Dr. Ralph S. Lickliger for The Ralph S. Lickliger Family Fund.

The Ralph S. Lickliger Family Fund

The Ralph S. Lickliger Family Fund was established October 1, 1964, by a gift through the Development Fund from Dr. Ralph S. Lickliger.

The principal and any additions thereto are to be invested under rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The disposition of the income is to be left entirely to the discretion of the Board of Trustees with this reservation only, that during the lifetime of Ralph S. Lickliger, Catherine Lape Lickliger (Mrs. Ralph S.), Samuel Drake Lickliger, M.D., and William Lape Lickliger, M.D., the latter two being sons of Dr. and Mrs. Ralph S. Lickliger, a request may be made in any given year by any one of the above-mentioned persons for a specific use of the income for that year and if said request is for an appropriate University purpose, the Board of Trustees shall grant said request.

In those years when the use of the income is determined by the Board of Trustees, preference is to be given to allocation of the income as follows: one-half thereof is to be made available to the Athletic Director to be used at his discretion and one-half thereof is to be made available to the Dean of the College of Medicine to be used at his discretion.

November 6, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. The Ralph S. Lickliger Family Fund (continued)

In the event the Athletic Department and/or the College of Medicine shall be altered in any reorganization of University colleges, schools, and departments, then the persons having discretion as to the use of the income shall be the appropriate administrative officials of the University then directly responsible for athletics and for medical education at The Ohio State University.

21. \$1,000.00 from Frederick W. R. Pride as an undesignated gift through the Presidents Club.

TOTAL - Through the Development Fund \$115,415.00

C. Gifts-in-Kind

1. Property known as the "Overlook Farm," located on the Betzer Road, 1 1/4 miles south of County Road No. 23, consisting of 52.05 acres in Bloom Township, Fairfield County, Ohio, from Albert Bolenbaugh to the Board of Trustees of The Ohio State University to be held in the University's endowment portfolio under the provisions of Section 3345.16 of the Revised Code of Ohio.

The gift includes twenty-two acres planted in several varieties of peaches and apples; twenty-eight acres of woodland; an attractively terraced building site (approximately two acres), on which is located a large multiple brick building housing three apartments, a large garage, and a refrigerated apple storage facility with a capacity for 4,000 bushels; and miscellaneous orchard equipment and tools.

The property will be conveyed to The Ohio State University by quit-claim deed on or before December 31, 1964, upon acceptance by the Board of Trustees and payment of \$1.00 consideration.

In accepting this gift, the University agrees to use the property for a period of at least 10 years for experimental work and research in orchard culture and forestry and to conduct a persistent research to discover less costly and less toxic or non-toxic pesticides. It may also be used during this period for other purposes as determined by the University as long as the above-mentioned purposes are executed.

2. A carbonate slurry agitator from Chemineer, Inc., Dayton, Ohio, for the Department of Chemical Engineering.
3. Volumes 31 to 57, inclusive, of Chemical Abstracts and Volumes 63 to 83, inclusive, of Journal of American Chemical Society from Dr. George F. Deebel, Dayton, Ohio, for The Ohio State University Library.

Upon motion of Mr. Loop, seconded by Mr. Davis, the acceptance of the above grants and gifts was approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.



November 6, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In October, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,165	\$ 28,690.01
Individuals, other than alumni	93	32,475.00
Nonprofit organizations	15	35,666.55
Business concerns	10	25,559.00
	<u>1,283</u>	<u>\$122,390.56</u>

Of these gifts, 892 totaling \$9,878.70 were undesignated and 391 totaling \$112,511.86 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations for the Purchase of Research Equipment

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccount (f) for the projects indicated:

\$50,000.00 to the Department of Chemistry to supplement a \$149,200.00 grant from the Atomic Energy Commission to purchase a pulse type Van de Graaff Generator.

\$5,700.00 to the College of Veterinary Medicine to supplement a grant of \$4,000.00 from the National Institutes of Health to complete the Henderson Aerosol Apparatus.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the Board of Trustees by a unanimous roll call vote approved the above appropriation of funds.

B. Grant-in-Aid for Research and Assigned Research Duty

Upon the recommendation of the Vice President for Research and in accordance with the policy established by the Board of Trustees at its meeting on October 19, 1953, it is recommended that an amount of \$300,000.00 be allocated from the funds received in Subaccount (d) during the 1964-65 fiscal year to be used for research fellowships and grants-in-aid in support of research for the 1965-66 fiscal year.

Upon motion of Mr. France, seconded by Mr. Davis, the allocation of \$300,000.00 for the purpose recommended above was approved by unanimous roll call vote.

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

C. Appropriation for Patent Services

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that a sum of \$2,000.00 be appropriated from Subaccount (c) for use of the OSU Patent Committee for patent search and filing fees.

Upon motion of Mr. Dargusch, seconded by Mr. Loop, the above appropriation of \$2,000.00 for the purpose indicated was approved by a unanimous roll call vote.

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VI. EXTRA AND CREDIT ORDERS TO CONTRACTS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Orders, Credit Orders, and Extensions of Time for Completion of Contracts as outlined below be approved by the Board of Trustees:

A. Stadium Press Box Elevator

General Contract

It is recommended that a heating system for the elevator shaft and elevator machinery rooms be provided to maintain a minimum temperature of 50 degrees at all times in these areas.

Add     \$2,852.00

Funds will be provided from Athletic Department Revenue Fund.

B. Twelve-Inch Well and Pumping Equipment for Elevated Storage Tank

Water was reached at a depth less than that originally estimated and therefore a shorter casing and well screen are required.

Deduct     \$ 570.00

Funds for this project are provided in Budget Account 19945, Water Storage Tank, H. B. 711.

D. Repairs to Exterior Masonry of Ten Buildings

It is recommended that an extension of time for completion of contract be granted for this project from October 1, 1964 to August 1, 1965. The delay in completion is caused by the inability of the Local Union to furnish the contractor with

November 6, 1964 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS AND  
EXTENSIONS OF TIME TO CONTRACTS (continued)

C. Repairs to Exterior Masonry of Ten Buildings (continued)

sufficient qualified men and the unusual hardness of the mortar on the Power Plant which was not anticipated by the contractor.

Funds for this project are provided in the Maintenance Account, H. B. 711.

Upon motion of Mr. Davis, 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 and with the concurrence of the Council on Business Affairs, it is 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. McPherson Chemical Laboratory Improvements

This area was recently remodeled and the former big laboratory was divided into smaller rooms thereby creating poorly ventilated areas. Since the student load is heavier this year and these areas will be used during the Summer Quarter, it is recommended that additional ventilation be provided.

Funds for this project will be provided from the Maintenance Account in H. B. 711.

B. Dining Facility Northeast

This dining facility will service approximately 1,800 students from Barrett House, Halloran House, Houck House, Taylor Tower, and Dennis House.

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

C. Nosker House and Archer House (Student Housing Buildings Nos. 8 and 9)

Nosker House will house approximately 236 students and Archer House will house approximately 212 students.

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

VII. PLANS AND SPECIFICATIONS (continued)

D. Taylor Tower (Student Housing Building No. 10)

Taylor Tower will house approximately 870 students.

Funds for this project will be provided from the Dormitory Construction Fund,

Upon motion of Mr. Davis, 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, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Repairs to Electrical Systems in Hayes Hall, Horticulture and Forestry Building, and Physical Education Building

Bids were received on October 23, 1964, for this project and the recommendation for award of contract is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Pence Electric Company (Columbus)	\$ 46,700.00	\$ 63,500.00

Funds for this project are provided in the Maintenance Account, H. B. 711.

B. Relocation of Mental Health Clinic to Upham Hall

Bids were received on November 4, 1964, for this project and the recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received)		
Waller & Lund, Inc. (Columbus)		
Base Bid	\$ 8,370.00	\$ 12,729.00
Alt. G-1 Panic Device, Rm. 176A	175.00	
Total Contract	<u>\$ 8,545.00</u>	<u>\$ 12,729.00</u>

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Relocation of Mental Health Clinic to Upham Hall (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 8,480.00	\$ 11,011.00
Alt. E-1 Additional Electric Outlets	140.00	
Total Contract	<u>\$ 8,620.00</u>	<u>\$ 11,011.00</u>
 Total All Contracts	 <u>\$ 17,165.00</u>	 <u>\$ 23,740.00</u>

Funds for this project are provided from the University Hospital Rotary.

C. Improvements to Fifth Avenue Dam Across the Olentangy River Between Fifth and King Avenues

Bids were received on November 5, 1964, for this project and the recommendation for award of contract is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received)		
Kautz Construction Company (Columbus)	\$ 84,934.00	\$ 97,062.00

Funds for this project are provided in Item 025 Olentangy River Improvement, S. B. 370.

D. North Commons

Bids were received on November 5, 1964, for this project and the recommendation for award of contracts is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (9 bids received)		
Baker & Coombs, Inc. (Columbus)		
Base Bid	\$354,300.00	\$ 460,000.00
Alt. G-1 - Site Improvements	12,500.00	14,000.00
Total General Contract	<u>\$366,800.00</u>	<u>\$ 474,000.00</u>
 <u>Heating, Ventilating, and Air Conditioning Contract</u> (8 bids received)		
Julian Speer Co. (Columbus)	\$197,800.00	\$ 197,000.00
 <u>Plumbing Contract</u> (7 bids received)		
A. E. Slavin Plumbing & Heating Co. (Columbus)		
Base Bid	\$ 65,993.00	\$ 75,000.00
P-1 Water Supply Main	22,208.00	27,500.00
P-3 Water Softener	2,326.00	3,900.00
Total Plumbing Contract	<u>\$ 90,527.00</u>	<u>\$ 106,400.00</u>

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. North Commons (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(3 bids received)		
Electric Power Equipment Co.		
(Columbus)		
Base Bid	\$ 78,762.00	\$ 103,000.00
E-1 Electric for Site Improvement	1,710.00	3,000.00
E-2 Emergency Generator	4,410.00	6,300.00
E-4 Wiring for Water Softener	57.00	300.00
Total Electrical Contract	<u>\$ 84,939.00</u>	<u>\$ 112,600.00</u>
 <u>Kitchen Equipment Contract</u>		
(5 bids received)		
Great Lakes Hotel Supply Co.		
(Detroit, Michigan)		
	<u>\$143,531.00</u>	<u>\$ 166,000.00</u>
 Total All Contracts	 <u>\$883,597.00</u>	 <u>\$1,056,000.00</u>

Funds for this project will be provided from Account 86291, General Dormitory Fund, University Treasurer Account.

Upon motion of Mr. France, 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 APPROVAL

Each numbered approval shown below accomplished the following purpose:

- 113 Approves the transfer of \$325,000.00 from Item 009 Campus Loop Road to Item 001 Land, S. B. 370, to provide funds for the acquisition of 15 lots in the R. P. Woodruff Agricultural College Addition.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineers - Construction of Curl Drive

It is recommended that the engineering firm of Jones, Stuckey and Barrett be employed to perform services in connection with the proposed project involving a road from the present intersection of College Road and Woodruff Avenue through the North Residence Hall Complex to a connection with Neil Avenue near Lane Avenue, including grading, paving, curbs, drainage, street lighting, three parking lots, crosswalks, and drive connections.

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

A. Employment of Engineers - Construction of Curl Drive (continued)

The engineering services include a field survey, preliminary plans and construction drawings for the entire project, and specifications and general supervision of construction for the section from College Road to Peasley Street only.

The fee for this service will be \$7,300.00 based on the estimated cost of construction. Funds for the project will be provided from Item 315-006 Modernization of Commerce and Administration Buildings, and walks and roads, S. B. 370.

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

B. Employment of Architects - College of Commerce Improvements

It is recommended that the architectural firm of Design 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.

Complete supervision of construction is not included at this time, but it is understood that supervision may be added in accordance with the standard fee schedule.

The fee will be computed on the basis of 60 per cent of the standard 7 per cent of the estimated cost of construction or approximately \$11,462.00. Funds for this project will be provided from Item 315-024 Modernization of Commerce and Administration Buildings, S. B. 370.

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

C. Employment of Architects - The President's House

It is recommended that the architectural firm of Cellarius & Hilmer be employed to provide complete architectural and engineering services necessary for preliminary plans, outline specifications, and preliminary estimate of cost only.

Upon completion and approval of the preliminary plans, it is understood that the architects will enter into a contract to provide complete working drawings, specifications, bidding documents, and periodic supervision.

The fee for this service will be \$4,250.00 based on 20 per cent of the 8 1/2 per cent total fee. Funds for this project will be provided from Department 3145, Budget Account 91036.

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

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

D. Purchase of Buildings and Property, 347-349 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Helen Marple at a price of \$28,000.00:

Property known as 347-349 West Tenth Avenue, being Lot #30, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

E. Purchase of Buildings and Property, 418-418 1/2-418 Rear West Ninth Avenue and 1610-1610 1/2 Perry Street

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from M. K. & K. Realty, Inc., at a price of \$62,500.00:

Property known as 418-418 1/2-418 Rear West Ninth Avenue and 1610-1610 1/2 Perry Street, being Lot #16 and 77' off the north end of Lot #15, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Viva Belle Boothe, Professor Emeritus, Bureau of Business Research, College of Commerce and Administration, and Peter Otto Krumin, Professor of Chemical Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished the families of the deceased.

A. Viva Belle Boothe

The Board of Trustees expresses its sorrow at the death on October 8, 1964, of Viva Belle Boothe, Professor Emeritus, Bureau of Business Research, College of Commerce and Administration.



November 6, 1964 meeting, Board of Trustees

**XI. RESOLUTIONS IN MEMORIAM (continued)**

**A. Viva Belle Boothe (continued)**

Dr. Boothe was born in Tyler, Texas, on January 27, 1893, and received her Bachelor of Arts degree from the University of Texas in 1918. She served as a statistician in the United States Food Administration in 1918, with the War Industries Board during 1919, and for the Joint Congressional Commission of Agricultural Inquiry in 1921. Miss Boothe received both the Master's (1921) and Ph.D. (1923) degrees from the University of Pennsylvania.

Prior to coming to The Ohio State University, Dr. Boothe was Professor and Head of the Department of Economics and Sociology at Elmira College and served at the University of Texas and at the New York State Teachers College in Albany. Miss Boothe became Assistant Professor of sociology and business research at Ohio State in 1928. She was named Associate Professor of business research in 1932 and Professor in 1934. After five years as Acting Director, Dr. Boothe was appointed Director of the Bureau of Business Research in 1941 and served in that capacity until her retirement in 1963.

Active in numerous organizations, Dr. Boothe was president of the Associated University Bureaus of Business and Economic Research in 1954-1955 and served as international president of Altrusa for 1959-1961. She was a member of the American Statistical Association, American Economic Association, American Association of University Women, Phi Beta Kappa, and Beta Gamma Sigma. She was a national honorary member of Phi Chi Theta, national fraternity for women in business and economics, being one of five persons to hold that honor. Dr. Boothe was the author of several books and numerous articles; she edited many publications of the Bureau of Business Research.

In 1939, Dr. Boothe was the first woman to address a graduating class at this University. When appointed in 1941, Dr. Boothe was the only woman in America to head a university Bureau of Business Research. As an effective research administrator and editor, Dr. Boothe made a substantial contribution to the University; as an active and dedicated member of the faculty, she will be long remembered. Both of these qualities were recognized when Dr. Boothe was given The Ohio State University Distinguished Service Award on August 28, 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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

**B. Peter Otto Krumin**

The Board of Trustees expresses its sorrow at the death on October 22, 1964, of Peter Otto Krumin, Professor of Chemical Engineering.

November 6, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Peter Otto Krumin (continued)

Dr. Krumin was born March 12, 1898, in Kerstenbem, Latvia. He received his Certificate (B. Ch. E.) and degree Chemical Engineer (M. S.) from the University of Latvia, Riga, Latvia, in 1930 and 1931; and in 1935 he completed requirements for the Habil Dissertation from the University of Latvia. The degree Doctor of Technical Science and Doctor of Engineering was granted Dr. Krumin by U.N.R.R.A. University, Munich, Germany, in 1947.

After graduation from the University of Latvia, Dr. Krumin entered the plywood industry, becoming in 1936 Technical Director of a new plywood plant he helped erect in Troyan, Bulgaria. From 1936 to 1940, he was an Expert Consultant for the Latvian Government, chiefly in the solid and synthetic fuels industries. In 1937 he became a member of Joint Stock Company (Fuels) in Riga, Latvia, where he was first Secretary of the Technical Committee, and then Technical Director and Deputy Director-General. Professor Krumin was in charge of the process control laboratory of a Fischer-Tropsch process plant at Hamburg, Rhld., in 1941 and 1942.

Dr. Krumin joined the faculty of the International U.N.R.R.A. University at Munich in 1945, where he advanced from Associate Professor to Professor and Chairman of the Department of Chemical Engineering and Director of Technical Institute. He was also Acting Dean of the Faculty of Natural Sciences from May 1946 to July 1948.

After arriving in the United States in August 1948, he joined the Engineering Experiment Station of The Ohio State University, where he became supervisor of solid and synthetic fuels research and was appointed Associate Professor in the Department of Chemical Engineering. He was promoted to Professor in 1957.

In addition to his outstanding contributions to knowledge of the basic physical and chemical properties of Ohio's coal reserves, Dr. Krumin was an active member of ASTM as Chairman of the Subcommittee on Methods of Analysis, Committee D-5 on Coal and Coke. One test method (ASTM D-1756-60T) developed by Dr. Krumin has been accepted as an ASTM Standard and another is under consideration.

As an outstanding authority on the analysis of coal Dr. Krumin was asked to prepare Chapter 31, "Coal and Coke" in Welcher's Standard Methods of Chemical Analysis, Volume II, Sixth Edition, published in 1963. He has had over 40 publications to his credit.

Dr. Krumin was a member of American Institute of Chemical Engineering, Sigma Xi, Ohio and National Society of Professional Engineers, and American Society for Engineering Education. He was also Past-President of the Latvian-American Association of University Professors, Inc.

November 6, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Peter Otto Krumin (continued)

All students and associates who had the privilege of his advice and counsel have been enriched by his insistence on the highest accuracy, thoroughness, and absolute honesty in conducting and reporting research. His own adherence to these virtues led to his recognition as an authority in his field.

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 is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report Concerning the Annual Meeting of the Association of Governing Boards of Universities and Colleges

The Chairman, Mr. Rairdon, reported on his attendance at the annual meeting of the Association of Governing Boards of Universities and Colleges which was held in Chapel Hill, North Carolina, October 21-23, 1964. He expressed the feeling that the meeting provided a profitable experience for the 150 representatives of governing boards who were in attendance. He reported also that the Association has recently been reconstituted and reorganized with the hope that it might make a worthwhile contribution to the coordinate efforts of the member institutions.

B. Report on Highlights of Campus Activities

In concluding the meeting, President Fawcett reported the student enrollment for the Autumn Quarter, 1964, and reviewed some of the accomplishments and activities of the University during the past month. The total Report, which is filed with the official records of the Secretary, includes the following statement on enrollment.

Ohio State's graduate student enrollment is up some 13 per cent for Autumn Quarter, and now totals 5,640, an increase of 660 over last autumn's figure of 4,980. The over-all University enrollment is 36,775, representing an increase of approximately 10 per cent from last autumn, when the total was 33,284. Currently, 34,031 students are enrolled on the Columbus campus and 2,744 at academic centers in Lakewood, Lima, Mansfield, Marion, and Newark. Last autumn the figures were 31,106 in Columbus and 2,178 at the branches. This is the 13th successive year that the University has shown an enrollment increase and the fourth successive year that the enrollment has set an all-time record.

November 6, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report on the University's Investment Portfolio

The report on the status of the University's Investment Portfolio, dated October 31, 1964, 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 10, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 10, 1964

The Board of Trustees met at its regular monthly meeting on Thursday, December 10, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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December 10, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Degrees Conferred - Autumn Quarter Commencement Convocation

It is recommended that degrees be conferred at the Autumn Quarter Commencement Convocation on December 18, 1964, to those students who have completed requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix II, page 233.)

Upon motion of Mr. Davis, seconded by Mr. Loop, the above recommendation was approved unanimously by roll call vote.

B. Agreement With American Chemical Society

As a result of negotiations between representatives of the American Chemical Society and The Ohio State University, an agreement has been reached for the purchase of the American Chemical Society's equity in the Chemical Abstracts Building located on the University campus at 2041 North College Road.

It is therefore recommended that the President be authorized and directed to sign an agreement for the purchase of the equity in the said property for the sum of \$488,000.00, and to negotiate the terms of payment with the Society. Funds for the purchase will be provided from the University Treasurer Research Account.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote approved the purchase of the American Chemical Society's equity in the described building at 2041 North College Road and authorized the President to sign an agreement for the University.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the November 6, 1964 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments and Leaves of Absence Without Salary.

A. Appointments

Dean O. Clark, Registrar, effective December 1, 1964, at a salary of \$13,068.00 per annum.

December 10, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Ting Y. Li, Professor, Department of Aeronautical and Astronautical Engineering, effective January 1, 1965, at a salary of \$20,268.00 per annum.

Arthur E. Middleton, Professor, Department of Electrical Engineering, effective January 1, 1965, at a salary of \$20,172.00 per annum.

Albert H. Willis, Mershon Visiting Professor, Graduate School, January 1, 1965 through June 30, 1965, at a salary of \$12,000.00 for the period.

B. Leaves of Absence Without Salary

Edwin P. Hiatt, Professor, Physiology, January 1, 1965 through December 31, 1965, for U. S. Government service.

Wilbur H. Bruner, Associate Professor (Extension Specialist, Animal Science), Cooperative Extension Service, December 1, 1964 through November 30, 1965, to serve as a consultant for Armour and Company.

Dorese L. Dilley, Assistant Professor, School of Nursing, January 1, 1965 through June 30, 1965, to engage in professional practice during this period.

Don L. Davis, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, December 16, 1964 through March 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Eldon C. Schriener, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, December 16, 1964 through June 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Don F. Seaman, Instructor (County Extension Agent, 4-H) Highland County, Cooperative Extension Service, January 1, 1965 through June 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Appointments, Leaves of Absence Without Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Phospholipide Metabolism in Relation to Cell Division (to be known as National Institutes of Health Project No. 911 - Ext. #6 - Institute of Nutrition and Food Technology).  
Gross Value - \$16,958.00.
- b. Department of Navy, Office of Naval Research, Washington, D. C., for an Investigation of Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #10 - Department of Speech).  
Gross Value - \$14,167.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Ventricular Depolarization in Heart Malformations (to be known as National Institutes of Health Project No. 1215 - Ext. #4 - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$27,265.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Ethanolamine Metabolism in Animals and Plants (to be known as National Institutes of Health Project No. 1217 - Ext. #4 - Department of Physiological Chemistry).  
Gross Value - \$12,696.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383 - Ext. #3 - Department of Chemistry).  
Gross Value - \$32,448.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404 - Ext. #3 - Department of Physiological Chemistry).  
Gross Value - \$17,899.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Salivary Studies on Mosquitoes (to be known as U. S. Army Biological Laboratories Project No. 1510 - Mod. #4 - Department of Zoology and Entomology).  
Gross Value - \$10,000.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Lipid Metabolism: Absorption and Transport (to be known as National Institutes of Health Project No. 1518 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$19,530.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tissue Heparin Levels in Fetus and Newborn (to be known as National Institutes of Health Project No. 1592 - Ext. #2 - Children's Hospital).  
Gross Value - \$12,132.00.
- j. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward the Analysis of Global and Special Gravity Measurements (to be known as Electronic Systems Division Project No. 1613 - Mod. #4 - Department of Geodetic Science).  
Gross Value - \$87,451.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Salt and Water in Connective Tissue Swelling (to be known as National Institutes of Health Project No. 1715 - Ext. #2 - Department of Physiology).  
Gross Value - \$7,860.00
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Ext. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$8,237.00.
- m. Department of Navy, Office of Naval Research, Washington, D. C., for an Investigation of Learning, Adaptation and Control in Information Science (to be known as Office of Naval Research Project No. 1902 - New - Department of Electrical Engineering).  
Gross Value - \$25,760.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- n. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , for an Investigation of Effects of Teacher-Student Similarity in an Educational Skills Course (to be known as Office of Education Project No. 1926 - New - Department of Psychology).  
Gross Value - \$7,485.00.
- o. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, 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 - New - Department of Zoology and Entomology).  
Gross Value - \$14,260.00.
- p. National Science Foundation, Washington, D. C. , for an Investigation of Physical Phenomena at Very Low Temperatures (to be known as National Science Foundation Project No. 1930 - New - Department of Physics).  
Gross Value - \$123,700.00.
- q. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Development and Teaching of Weapons Systems Management for the Defense Weapons Systems Management Center (to be known as Air Force Institute of Technology Project No. 1932 - New - Defense Management Center).  
Gross Value - \$141,940.00.
- r. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for 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 - New - Department of Metallurgical Engineering).  
Gross Value - \$30,000.00.
- s. National Science Foundation, Washington, D. C. , for Partial Support for "The Ninth Inter-American Congress of Psychology" Conference (to be known as National Science Foundation Project No. 1936 - New - Department of Psychology).  
Gross Value - \$12,000.00.

TOTAL - Government Contracts - Federal \$621,788.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contract

- a. The United Nations Educational, Scientific and Cultural Organization (UNESCO), Place de Fontenoy, Paris, France, Preparation of a Manuscript on the Theory and Method of Measuring Patterns of Education According to Pupil-Hours of Instruction Received (to be known as The United Nations Educational, Scientific and Cultural Organization Project No. 1931 - New - Department of Economics).

Gross Value - \$1,500.00.

The foregoing twenty contracts for research in cooperation with Government, Industry and Other represent a gross income of \$623,288.00.

Upon motion of Mr. Davis, seconded by Mr. Loop, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved unanimously.

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

During the period from October 24, 1964 through November 30, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Industrial Research Contracts

EES 256      High-Frequency Lighting and High-Frequency Power Generation for On-Site Gas Energy Systems, The Columbia Gas System Service Corporation, Columbus, Ohio.  
Gross Value - \$37,500.00.

EES 257      Development of Refractories Research and Testing Facility, The Refractories Institute, First National Bank Building, Pittsburgh, Pennsylvania.  
Gross Value - \$15,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$52,500.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since November 6, 1964, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$267,525.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, in support of the project entitled "Research in Preventive Medicine"--a construction grant-in-aid for addition to Wiseman Hall. (Grant 1 C01 FR-03188-01)
2. \$94,100.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Mathematics for Secondary School Teachers" under the direction of Professor Robert C. Fisher, Department of Mathematics. This grant terminates September 30, 1965. (GE-6684)
3. \$56,050.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Science for Secondary School Teachers" under the direction of Professor John S. Richardson, Department of Education. This grant terminates September 30, 1965. (GE-6742)
4. \$49,294.00 from W. K. Kellogg Foundation for the fourth payment on a six-year commitment to establish an experimental educational program for training medical dietitians, for the period October 1, 1964 through September 30, 1965.
5. \$40,090.00 granted by the National Science Foundation to the University for support of 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 September 30, 1965. (GE-6769)
6. \$31,800.00 granted by the National Science Foundation to the University for support of a "Summer Institute in the Application of Quantitative Methods in Geography for College Teachers" under the direction of Professor Edward J. Taaffe, Department of Geography. This grant terminates September 30, 1965. (GE-7247)
7. \$20,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, in support of the project entitled "Physiological and Experimental Psychology Laboratories," Department of Psychology, to expand the animal research facilities. (Grant 1 C01 FR-03197-01)
8. \$19,000.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Radiation Biology for Secondary School Teachers" under the direction of Professor John S. Richardson, Department of Education. This grant terminates September 30, 1965. (GE-6669)

TOTAL - Through the Office of Business and Finance \$577,859.00

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$105,000.00 from Frederick E. Jones, Columbus, Ohio, to be deposited in the University's Investment Portfolio to be added to the fund for the construction of a new residence for the President.
2. \$20,000.00 by a bequest under the Will of Anna B. Hennon, deceased, for the Anna B. Hennon Memorial Scholarship Fund.

Anna B. Hennon Memorial Scholarship Fund

The Anna B. Hennon Memorial Scholarship Fund was established October 27, 1964, by a bequest under the Will of Anna B. Hennon, deceased, formerly of Lima, Ohio.

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

The income is to be used for scholarships at the Lima Branch of The Ohio State University in accordance with the order of the Probate Court of Allen County, Ohio. The principal may also be invaded as provided in said order.

3. \$12,500.00 from The Bremer Foundation for the Bremer Foundation in the College of Medicine.
4. \$10,000.00 by a bequest under the Will of Martha Burgess Hutton for the Martha Burgess Hutton Memorial Fund.

Martha Burgess Hutton Memorial Fund

The Martha Burgess Hutton Memorial Fund was established November 27, 1964, by a bequest under the Will of Martha Burgess Hutton (Arts W '21).

The principal is to be invested in accordance with rules and regulations 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. The principal may also be invaded to the extent of part or all of it in the same manner as provided for the use of the income.

5. \$9,000.00 from the Alfred P. Sloan Foundation for the Alfred P. Sloan National Scholarship Program.
6. \$8,028.27 from the Estate of Ella Pontious for the College of Medicine - University Hospital Emergency Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$7,500.00 from Astra Pharmaceutical Products, Inc., Worcester, Massachusetts, for use of the Oral Surgery Department of the College of Dentistry in presenting a Pain Control Conference in June, 1965.
8. \$5,000.00 from Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio, for equipment in the Department of Ceramic Engineering.
9. \$5,000.00 from The F. & R. Lazarus & Company for the Trent D. Sickles Scholarship Fund.

Trent D. Sickles Scholarship Fund

The Trent D. Sickles Scholarship Fund was established November 30, 1964, by a gift through the Development Fund from The F. & R. Lazarus & Company, Columbus, Ohio, in honor of Trent D. Sickles.

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

The income is to be used for an annual scholarship award to an undergraduate or graduate student, as selected by the President of The Ohio State University, for study in any phase of water conservation. The qualifications for the award are as broad as possible in order that the ultimate recipients may have the advantage of study in any field of this broad subject.

In case the need for such scholarships should cease to exist or so diminish as to create unused income, then the Board of Trustees of The Ohio State University may use said income in its discretion, preference to be given, however, to items in the field of water conservation.

10. \$5,000.00 from Dr. John J. Fahey to be added to \$5,000.00 reported September 13, 1963, for the establishment of the John J. Fahey Fund. (Total for fund \$10,000.00)

John J. Fahey Fund

The John J. Fahey Fund was established November 25, 1964, by gifts through the Development Fund from John J. Fahey (M. D. '31).

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

The income is to be used for any appropriate purpose in the College of Medicine as recommended by the Dean of said College.

In the event that the College of Medicine as it now exists shall be altered in any reorganization of University colleges, schools, and departments,

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. John J. Fahey Fund (continued)

the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of medicine as recommended by the appropriate administrative official of the University then directly responsible for medical education at The Ohio State University.

11. \$4,000.00 from Inland Steel-Ryerson Foundation for the Inland Steel-Ryerson Foundation Fellowship Fund.
12. \$4,000.00 from the Estate of Helen Moore, B.A. '40--\$2,000.00 for the Helen Moore Fund for Botany and \$2,000.00 as an undesignated gift to the University.
13. \$3,242.00 from the Van Wert County United Health Foundation for the Van Wert County United Health Foundation Fund.
14. \$3,000.00 from Willard M. Kiplinger for the Ohio Editors Fund.
15. \$2,911.50 from the Mark L. Morris Animal Foundation for the Mark L. Morris Foundation.
16. \$2,750.00 from Isadore Topper for the Isadore and Ida Topper Law School Foundation.
17. \$2,000.00 from the Lazarus Store Foundation for the Student Athlete Grant-in-Aid Fund.
18. \$1,500.00 from Cyril Porthouse for the Student Athlete Grant-in-Aid Fund.
19. \$1,000.00 from Roberta Diehl Porthouse for the Department of Chemical Engineering Equipment Fund.
20. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
21. \$1,000.00 from Solomon I. Yassenoff and Mrs. Milton R. Yassenoff to be deposited in the Endowed Professorship Account.
22. \$1,000.00 from Mrs. Helen Harvey Hosford for the Alumnae Scholarship House.

TOTAL - Through the Development Fund \$214,431.77

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



December 10, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

In November, 1964, 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, 881	\$214, 076. 22
Individuals, other than alumni	97	110, 648. 39
Nonprofit organizations	48 (adjustment made)	-6, 019. 41
Business concerns	18	45, 535. 99
	<u>2, 044</u>	<u>\$364, 241. 19</u>

Of these gifts, 1, 617 totaling \$11, 629. 85 were undesignated and 427 totaling \$352, 611. 34 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations for Research Projects

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccount (f) for the projects indicated:

\$40, 000. 00 for renovation and improvement of the Nuclear Reactor which is used extensively on various research projects.

\$25, 000. 00 for the research program of the Van de Graaff Laboratory as the University's contribution in support of research projects which have received approximately \$155, 000. 00 from the National Science Foundation,

\$20, 000. 00 to the Department of Psychology to match a grant from the National Institutes of Health to expand the space needed by the researchers at the Research Center for research animals.

Upon motion of Mr. Davis, seconded by Mr. France, the Board of Trustees by a unanimous roll call vote approved the above appropriation of funds.

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Orders to Contracts as outlined below be approved by the Board of Trustees:

December 10, 1964 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

A. Stadium Press Box Elevator

General Contract

In order to comply with Elevator Code requirements, it is recommended that the wire mesh partitions along the south side of the elevator shaft proper between elevations 8'-6" and 96'-7 1/2" be moved from the center line of the beams to the toe of the beam flanges on the elevator side.

Add \$ 597.00

Funds for this project are provided in Budget Account 9900 Athletic Revenue Fund.

B. Student Housing Building No. 12 (Drackett Tower)

Heating, Ventilating, and Air Conditioning Contract

It is recommended that a refrigerated after-cooler be provided in lieu of a water cooled aftercooler for the two pneumatic control system air compressors located in the pent-house.

Add \$1,260.00

Electrical Contract

It is recommended that overtime pay be approved for making the change-over for the additional cable between Building #12 and Building #6 during the Labor Day weekend. This period was the only time that service could be interrupted in Buildings #3, 5, 6 and 12.

Add \$1,065.70

Funds for this project are provided in the Dormitory Construction Fund.

C. The Ohio State University Airport, Runway Extension

General Contract

It is recommended that the following extra orders be approved to satisfactorily resolve field drainage, compaction, and runway surfacing problems encountered during construction:

December 10, 1964 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

C. The Ohio State University Airport, Runway Extension (continued)

General Contract (continued)

1. Granular Back Fill - West End	\$ 312.45	
2. Granular Back Fill - East End	802.20	
3. Clean-up - West End	575.00	
4. Prime Cost RT-2	3,722.10	
5. French Drain 9/27 and 14/32	375.66	
6. French Drain, Manhole and Cross Pipe	1,138.90	
	Total addition	<u>\$6,926.31</u>

The Federal Aviation Agency will provide half of the funds necessary for this additional work and Budget Account 91033 will be charged for the expense.

Upon motion of Mr. Jones, seconded by Mr. Davis, 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 and with the concurrence of the Council on Business Affairs, it is 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 - Renovation of Seven Areas

This project includes remodeling work in the Pharmacy, Waiting Room, Medical Dispensary, Pathology, Radiology, and Special Procedures areas.

Funds for this project will be provided from the University Hospital Rotary.

B. University Hospital - Corridor Repair

This project provides ceramic tile on the walls in the First Floor Corridor.

Funds for this project will be provided from the University Hospital Rotary.

C. Dentistry Laboratories - Fourth Floor Addition

This project provides a Fourth Floor on the west end of the existing building to accommodate laboratory and clinical facilities.

Funds for this project will be provided from Item 315-004, S. B. 370.

VII. PLANS AND SPECIFICATIONS (continued)

D. Improvements in Horticulture and Forestry Building

This project provides ventilation and air conditioning for Lecture Room 206.

Funds for this project will be provided from the Maintenance Account H. B. 711.

E. Campus Lighting

To improve the over-all illumination in selective campus areas, it is recommended that mercury vapor floodlights be installed in accordance with plans submitted by Thomas B. Smith, Associate Director of the Physical Plant, at a cost not to exceed \$12,000.00.

Funds for this project will be provided from the Maintenance Account in H. B. 711.

Upon motion of Mr. France, seconded by Mr. Davis, 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, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Repairs to Southeast Tower - Ohio Stadium

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(12 bids received 11-17-64)		
D. E. Gardner Co. (Columbus)		
Base Bid	\$ 73,564.00	\$ 80,000.00
Alt. G-1 Ceramic Tile Floors	11,822.00	10,000.00
Total Contract	<u>\$ 85,386.00</u>	<u>\$ 90,000.00</u>
 <u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 11-24-64)		
The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 42,098.00	\$ 45,000.00
Alt. HV-1 Air Condition 1st Floor	2,346.00	3,000.00
Total Contract	<u>\$ 44,444.00</u>	<u>\$ 48,000.00</u>

December 10, 1964 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Repairs to Southeast Tower - Ohio Stadium (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (4 bids received 11-17-64) The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 17,925.00	\$ 19,000.00
<u>Electrical Contract</u> (2 bids received 11-17-64) S. & S. Electric Company (Columbus)		
Base Bid	\$ 23,800.00	\$ 26,000.00
Alt. E-1 Electrical for Alt. HV-1	170.00	200.00
Total Contract	<u>\$ 23,970.00</u>	<u>\$ 26,200.00</u>
 Total Contracts	 <u>\$171,725.00</u>	 <u>\$ 183,200.00</u>

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

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

B. North Commons

On November 5, 1964, bids were received for this project and a report was made to the Board of Trustees on November 6, 1964, recommending the award of contracts. The Heating, Ventilating, and Air Conditioning Contract was \$800.00 over the estimate of cost and therefore it was necessary to readvertise this division of the project. Bids were received on November 30 and the award of contract is hereby reported.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u> (3 bids received 11-30-64) Julian Speer Company (Columbus)		
	\$197,800.00	\$ 205,000.00
 Total Contracts for Project	 <u>\$883,597.00</u>	 <u>\$1,064,000.00</u>

Funds are provided for this project from Account 86291, General Dormitory Fund, University Treasurer Account.

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

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Student Housing Building No. 7 (Houck House)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 11-24-64)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$372,000.00	\$ 409,000.00
Alt. G-1 Site Improvement	18,000.00	17,000.00
Total Contract	<u>\$390,000.00</u>	<u>\$ 426,000.00</u>
 <u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(3 bids received 12-8-64)		
Tibbetts Plumbing & Heating Co. (Dayton)		
Base Bid	\$141,865.00	\$ 152,880.00
 <u>Plumbing Contract</u>		
(7 bids received 11-24-64)		
Tibbetts Plumbing & Heating Co. (Dayton)		
Base Bid	\$ 86,520.00	\$ 82,000.00
Alt. P-1 Water Main and Meter Pit	2,600.00	14,700.00
Total Contract	<u>\$ 89,120.00</u>	<u>\$ 96,700.00</u>
 <u>Electrical Contract</u>		
(2 bids received 12-8-64)		
Gustav Hirsch Organization (Columbus)		
Base Bid	\$ 77,400.00	\$ 86,000.00
Alt. E-1 Yard Lighting	3,500.00	4,200.00
Alt. E-2 Telephone Ducts	9,400.00	11,000.00
Total Contract	<u>\$ 90,300.00</u>	<u>\$ 101,200.00</u>
 Total Contracts	 <u>\$711,285.00</u>	 <u>\$ 776,780.00</u>

Funds for this project are provided from Dormitory Construction Fund.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above award of contracts and expenditure of funds were authorized 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 approval shown below accomplished the following purpose:

- 123 Authorizes the release of \$15,000.00 from Item 009, S. B. 370, for the purchase of property at 85 West Tenth Avenue, Columbus, Ohio.

IX. CONTROLLING BOARD APPROVALS (continued)

- 124 Authorizes the release of \$33,000.00 from Item 009, S. B. 370, for the purchase of property at 90 West Tenth Avenue, Columbus, Ohio.
- 125 Authorizes the award of an extra order to C. C. Vogel for the installation of aluminum windows at a cost of \$5,000.00 on the project "Remodel Highway Testing Laboratory" without further competitive bidding.
- 128 Authorizes the expenditure of an amount not to exceed \$50,000.00 from the Maintenance Account, H. B. 711, for the project "Repairs to Electrical Systems in Hayes Hall, Horticulture and Forestry Building, and Physical Education Building."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Architects and Engineers - Ohio Union, Third Floor Addition, South Wing

On October 9, 1964, the Board of Trustees authorized the appointment of the firm Richards, Bauer & Moorhead to provide architectural and engineering services for the construction of the Veterinary Hospital. After further consultation with the Director of Public Works, it was deemed advisable to amend the Board action and transfer the firm of Richards, Bauer & Moorhead from the Veterinary Hospital to the Ohio Union project.

It is therefore recommended that the firm of Richards, Bauer & Moorhead be employed to provide complete architectural and engineering services for the Ohio Union Addition, Third Floor, South Wing, 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 on the standard fee basis of 7 per cent of the estimated cost of construction or approximately \$26,565.00. Funds will be provided from Student Facilities Fee Account.

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

B. Employment of Architects and Engineers - Veterinary Hospital

It is recommended that the firm of Benham, Richards & Armstrong be employed to provide architectural and engineering services for this project, up to and including preliminary plans, outline specifications, and estimate of cost only.

If the project proceeds beyond the preliminary stage, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

December 10, 1964 meeting, Board of Trustees

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

B. Employment of Architects and Engineers - Veterinary Hospital (continued)

The fee for this service will be 20 per cent of the standard fee or approximately \$36,280.00. Funds for this project will be provided from Item 315-028 Veterinary Clinic and Animal Hospital, S. B. 370.

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

C. Employment of Architects and Engineers - Improvements at University Airport

It is recommended that the firm of Milosevich & Trautwein 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 6 per cent of the estimated cost of construction or approximately \$6,606.00. Funds for the project will be provided by the Federal Aviation Agency.

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

D. Columbia Gas of Ohio, Inc. - Easement for Gas Line, Route 161

The Columbia Gas of Ohio, Inc., has requested permission to construct a four-inch (4") gas pipe line through State of Ohio lands, which lands have been designated for use by The Ohio State University. The line is to be located on the south side and parallel to Route 161 north of University Airport to serve the new Ohio National Guard Armory. The University will have the right to service from the gas line.

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interest of the University. It is further recommended that the President 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 said gas line and to negotiate the appropriate compensation to the University.

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

E. Purchase of Buildings and Property, 310-312 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from A. A. Boal and Ruth E. Legge at a price of \$25,000.00:



December 10, 1964 meeting, Board of Trustees

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

E. Purchase of Buildings and Property, 310-312 West Ninth Avenue (continued)

Property known as 310-312 West Ninth Avenue, being Lot #21 and 2' off the east side of Lot #20, William N. King's Neil Avenue Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

F. Purchase of Buildings and Property, 354 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Gamma of Phi Chi Fraternity Building Co. at a price of \$47,250.00:

Property known as 354 West Ninth Avenue, being Lot #28 and the east one-half of Lot #27, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015, College of Medicine - Land, S. B. 370.

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

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XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of William Murray Jones, Associate Professor in the School of Art. 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 has been furnished the family of the deceased.

A. William Murray Jones

The Board of Trustees expresses its sorrow at the death on November 15, 1964, of William Murray Jones, Associate Professor in the School of Art.

Professor Jones was born in Durham, North Carolina, in 1915. He attended Duke University and the School of the Art Institute of Chicago, where he received the Bachelor of Fine Arts degree in 1939 and the Master of Fine Arts degree in 1941. In 1939, Murray Jones received the William M. R. French Foreign Travel Fellowship from the Chicago Art Institute and spent the following year traveling and painting in Tahiti and Latin America. He served in the U. S. Army between 1941 and 1946. During this period, he spent twelve months at Harvard University studying Chinese (Mandarin). In 1959, he was awarded a two-year Fulbright Research Grant to Japan to enable his engaging in creative work.

XI. RESOLUTION IN MEMORIAM (continued)

A. William Murray Jones (continued)

Murray Jones was an artist-teacher. In 1946, he joined the faculty of Michigan State University as an Assistant Professor; in 1957, he was promoted to the rank of Associate Professor. In 1962, he joined the faculty of the School of Art at The Ohio State University. Throughout his academic career, Murray Jones engaged in his work as an artist; more particularly, as a painter. His paintings have been exhibited throughout the country. Among the museums and exhibitions in which his works have been shown are the following: Whitney Museum Annual of American Painting and Sculpture; Carnegie Institute International Exhibition of Painting and Sculpture; Annual Exhibition of American Painting, Provincetown; and Metropolitan Museum of Art. He had one-man exhibitions at the Detroit Institute of Art; Albion College; Duke University; Hanamura Gallery, Detroit; Contemporary Arts Gallery, New York City; and many others. His paintings are included in the permanent collections of the Detroit Institute of Art, New York Public Library, Oakland Museum of Fine Arts, Albion College, Columbus Gallery of Fine Arts, and numerous private collections. In 1964, he received the major award of the Columbus Art League Exhibition.

In the relatively short period that Professor Murray Jones was a member of The Ohio State University faculty, he made a major contribution to the School of Art and its program. He brought an air of discipline and commitment to his own work that was communicated to all with whom he came in contact. In every way, Murray Jones made real a sense of beauty and dignity in his own life.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Authorizing an Agreement Between The Ohio State University Housing Commission and The Ohio State University Pertaining to the Construction and Operation of Two High-Rise Dormitories for Approximately 3,840 Students

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following resolution and moved that it be adopted:

XII. REPORTS (continued)

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

1. Resolution Authorizing an Agreement Between The Ohio State University Housing Commission and The Ohio State University Pertaining to the Construction and Operation of Two High-Rise Dormitories for Approximately 3, 840 Students (continued)

THE OHIO STATE UNIVERSITY

RESOLUTION

Authorizing an Agreement between The Ohio State University Housing Commission and The Ohio State University Pertaining to the Construction and Operation by the Housing Commission of Two Dormitories on the Campus of the University, and Matters Incidental Thereto.

WHEREAS, for the reasons stated in the preambles of the Agreement annexed hereto as Exhibit 1 (see page 223) and made a part hereof, The Ohio State University Housing Commission (herein called the Commission) has decided to construct and equip two buildings on the campus of The Ohio State University (herein called the University) to provide housing, dining and appurtenant facilities for approximately 3, 840 students of the University, the said buildings and the site therefor being described as the "Project" and the "Premises", respectively, in said Agreement; and

WHEREAS, said Project may be constructed, financed and operated by the Commission upon said Premises with the consent of the Board of Trustees of the University pursuant and subject to the terms and conditions of Ohio Revised Code Chapter 3347; and

WHEREAS, the Commission and the University have negotiated an agreement for such consent under the applicable law, being the Agreement annexed hereto as Exhibit 1;

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

Section 1. That the terms and conditions of the Agreement annexed hereto as Exhibit 1 be and the same are hereby in all respects approved and that the Chairman and the Secretary of the Board of Trustees of the University are hereby authorized and directed to execute said Agreement in appropriate number of counterparts and to deliver same to the Commission.

Section 2. That the President and the Vice President, Business and Finance of the University and the Secretary of the Board of Trustees, or any one of them, are hereby authorized to take all actions, give such approvals and notices and do all other things on behalf of the University necessary or appropriate to carry out and secure the performance of the terms and conditions of said Agreement.

Mr. Ketterer seconded the motion that the above resolution be adopted and the Secretary was instructed to include a copy of the Agreement referred to in the Resolution as Exhibit 1 in the minutes of this meeting.

AGREEMENT

This Agreement (herein sometimes called the "Agreement") made by and between THE OHIO STATE UNIVERSITY HOUSING COMMISSION (herein called the "Commission") and THE OHIO STATE UNIVERSITY and its BOARD OF TRUSTEES (herein sometimes collectively called the "University"), this 10th day of December, 1964.

WITNESSETH:

WHEREAS, pursuant to Section 3347.03 of the Revised Code of Ohio the Commission has authority to erect, remodel, improve and equip buildings for suitable housing, dormitory, dining hall, and recreational accommodations for students, instructors, members of the faculty, the administration and maintenance staff of the University, and such buildings may be constructed by the Commission on State lands at the University upon the consent of the Board of Trustees of the University; and

WHEREAS, for the use, benefit and support of the University, and to alleviate the shortage of housing for University students and to provide housing for them in close proximity to classroom facilities in order to better assimilate them into the academic life of the University, encourage use of libraries and other campus facilities and permit the better regulation of activities consistent with the educational objectives of the University, the Commission proposes to construct and equip two buildings to provide dormitory housing, dining and appurtenant facilities for approximately 3,840 students at the University and improve the site of such buildings (all being herein called the "Project"), in accordance with plans and specifications prepared by Schooley Cornelius Schooley, Architects Engineers, which have been submitted to and are on file with the Commission and the University (herein called the "Plans"), and which buildings the Commission proposes to construct on a site on the campus of the University, being the State land described in Exhibit A hereto (herein called the "Premises"); and

December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

WHEREAS, the Commission has requested that the Board of Trustees of the University consent to the construction of the Project on said Premises; and

WHEREAS, in order to provide funds to pay the cost of construction and development of the Project, the Commission proposes to issue and deliver certain dormitory revenue bonds (herein called the "Bonds") to be issued pursuant to the provisions of Section 3347.04 of the Ohio Revised Code, to be secured by a pledge of the revenues of the Project, and to be in adequate principal amount to finance the construction and development of the Project, including complete furnishing thereof, which is presently estimated to be \$15,000,000; and

WHEREAS, the Board of Trustees of the University has determined that to provide for the more adequate housing of the students at the University, and with the objectives aforesaid, it is necessary that the Project be constructed promptly on the campus of the University at the site herein described as the Premises, that the financing, construction and operation of the Project by the Commission is necessary for the early accomplishment of that objective, and accordingly, has determined that the consent requested by the Commission should be given subject to the terms and conditions of this Agreement.

NOW, THEREFORE, it is agreed by the parties hereto as follows:

1. The University does hereby consent that the Commission may construct, equip, furnish, improve the site for, otherwise develop, maintain, repair and operate the Project on the Premises, and that such consent shall be irrevocable so long as any of the Bonds are outstanding and unpaid without such payment having been duly provided for.

2. The Commission shall proceed promptly to take all steps necessary to finance the Project and place it under construction so that construction may be commenced and the Project may be completed and ready for occupancy at the earliest practicable date, now estimated to be September 1, 1966.

December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

3. The Project shall at all times be operated and used by the Commission exclusively for providing housing, dining and appurtenant facilities for the students of the University, and also for such proctors, supervisors or staff personnel as may be necessary or desirable for the operation and maintenance of the Project.

4. Until termination of this Agreement pursuant to the provision of paragraph 7 hereof, and subject to the terms thereof, the Commission shall pay from the proceeds of the Bonds, the revenues of the Project and other funds of the Commission lawfully available therefor, all costs, expenses, charges, fees, fines, penalties and other payments of any kind required, imposed, assessed or contracted in connection with the construction, equipping, furnishing, development, maintenance, repair, operation or occupancy of the Project and the Premises, and does hereby indemnify and agree to save the University harmless against any such payment and against any claim, cause of action, demand, charge or lien arising out of the construction, equipping, furnishing, development, maintenance, repair, operation or occupancy of the Project or the Premises.

5. So long as any of the Bonds remain outstanding and unpaid, without provision for such payment duly provided for, the University shall adopt and maintain parietal rules providing for assignment of students to residency in and use of the Project, with the objective of providing full occupancy and use of the Project; subject, however, to present and future covenants of the University, pertaining to occupancy or use of facilities owned or under control of the University, made by the University for the benefit of the holders or owners of bonds of the University heretofore or hereafter issued pursuant to Sections 3345.07 and 3345.11 of the Revised Code of Ohio, or any amendment thereto or superceding provision. Such agreement of the University for assignment of students to the Project may, upon request of the Commission and upon further approval by the Board of Trustees of

December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

the University, be made to extend equally to other buildings of the Commission on or near the campus of the University operated by the Commission pursuant to Chapter 3347 of the Revised Code of Ohio.

6. The agreement of the University provided in paragraph 5 above shall be subject to the condition that the rates and charges fixed by the Commission for the occupancy and use of the Project by the students of the University shall not be in excess of those reasonably required to meet the ordinary and necessary cost and expense of operation and maintenance of the Project, extraordinary repairs and replacements pertaining thereto, the payment of principal and interest on the Bonds and the making of such additional expenditures or deposits as may be required by the terms and provisions securing the Bonds.

7. This Agreement shall be irrevocable, and shall not be modified in any manner as would impair the ability of the Commission to pay the principal of and interest on the Bonds, so long as any of the Bonds or coupons thereto pertaining shall remain outstanding and unpaid, without provision for such payment duly provided for. When the Bonds and coupons thereto have been duly paid or provision therefor duly made, the Commission shall, by proper instrument, convey the Project to the State of Ohio for the benefit of the University, in accordance with Ohio Revised Code Section 3347.08. Upon such conveyance, all equipment, furniture, furnishings and supplies and all cash balances, accounts receivable and other intangibles pertaining to the Project, except such amounts as shall be necessary to fully discharge the Commission's obligations under the Bonds and instruments pertaining thereto, shall vest in and be transferred to the University and all accounts payable, incurred in the normal course of business by the Commission for such equipment, furniture, furnishings and supplies and in connection with the operation, maintenance and repair of the Project and the Premises shall

December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

be assumed by the University but shall be payable only out of the aforesaid cash balances, collections of said accounts receivable and proceeds of such other intangibles and otherwise only from funds of the University lawfully available therefor. Upon such conveyance and transfers being made, this Agreement shall terminate. The Commission shall at all times promptly discharge all obligations and duties required of it pursuant to the terms of the Bonds and any other instruments securing the same.

8. The duties and obligations of the Commission and of the University herein provided are hereby established as duties specifically enjoined upon them and their officers by law and result from their respective offices, trusts, and stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

IN WITNESS WHEREOF the parties hereto have executed this Agreement through their duly authorized officers as of the day and year first above written.

Signed and acknowledged  
in the presence of:

THE OHIO STATE UNIVERSITY  
AND ITS BOARD OF TRUSTEES

\_\_\_\_\_

By \_\_\_\_\_  
Chairman of the Board

\_\_\_\_\_

By \_\_\_\_\_  
Secretary of the Board

Signed and acknowledged  
in the presence of:

THE OHIO STATE UNIVERSITY  
HOUSING COMMISSION

\_\_\_\_\_

By \_\_\_\_\_  
Chairman

\_\_\_\_\_

By \_\_\_\_\_  
Secretary



December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

STATE OF OHIO

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COUNTY OF FRANKLIN

On this \_\_\_\_\_ day of \_\_\_\_\_, 196\_\_\_\_, before me a Notary Public in and for said County and State personally appeared \_\_\_\_\_ and \_\_\_\_\_, Chairman and Secretary, respectively, of the Board of Trustees of The Ohio State University, and each acknowledged the execution of the foregoing instrument, and that the same is his 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

STATE OF OHIO

:SS

COUNTY OF FRANKLIN

On this \_\_\_\_\_ day of \_\_\_\_\_, 196\_\_\_\_, before me a Notary Public in and for said County and State personally appeared \_\_\_\_\_ and \_\_\_\_\_, Chairman and Secretary, respectively, of The Ohio State University Housing Commission, and each acknowledged the execution of the foregoing instrument, and that the same is his voluntary act and deed on behalf of said Housing Commission and the voluntary act and deed of said Housing Commission.

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

\_\_\_\_\_  
Notary Public

December 10, 1964 meeting, Board of Trustees

Agreement - The Ohio State University Housing Commission  
and The Ohio State University (continued)

EXHIBIT A

"PREMISES" DESCRIBED

The "Premises" referred to in this Agreement consists of a portion of Tract 1, containing 193 acres plus 62 poles, situated in Clinton Township, Franklin County, Ohio, and in Section 3, Township 1, and range 18, United States Military Lands, conveyed to the State of Ohio by William Dennison and Robert E. Neil, of Columbus, Ohio, as Trustees of Henry M. Neil, by deed dated November 12, 1870, and recorded in Volume 103, page 547, said portion bounded as follows:

Starting from a reference point being the point of intersection of the centerline of Neil Avenue and the centerline of Eleventh Avenue, Thence N.  $10^{\circ} 45'$  W. a distance of 1906.25 ft. to a second reference point on the centerline of the pavement of Seventeenth Avenue; Thence S.  $79^{\circ} 23'$  W. a distance of 1364 ft. to the true place of beginning of the boundary of said "Premises";

From said true place of beginning, Thence N.  $02^{\circ} 37'$  W. for a distance of 188.00 ft.; Thence N.  $82^{\circ} 37'$  W. for a distance of 270.00 ft.; Thence S.  $12^{\circ} 29'$  W. for a distance of 174.00 ft.; Thence N.  $77^{\circ} 31'$  W. for a distance of 69.00 ft.; Thence S.  $02^{\circ} 12'$  W. for a distance of 534.00 ft.; Thence S.  $10^{\circ} 48'$  E. for a distance of 310.00 ft.; Thence N.  $84^{\circ} 49'$  E. for a distance of 379.05 ft.; Thence N.  $02^{\circ} 37'$  W. for a distance of 737.00 ft. to the point of beginning; all bearings being referred to the true meridian; the parcel containing 8.47 acres, more or less, and being shown on the property survey plat drawn by C. F. Bird & Associates, dated November 24, 1964.

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XII. REPORTS (continued)

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

2. Sale of Property - 79 North High Street and 102 East Main Street

Mr. Jones, a member of the Finance and Investment Committee, presented the following recommendations and moved that they be approved:

Under the Last Will and Testament of Howard B. Monett, deceased, The Huntington National Bank of Columbus, Ohio, Trustee, has transferred to The Ohio State University by Trustee's Deed dated June 1, 1964, two parcels of real estate located at 79 North High Street and 102 East Main Street, Columbus, Ohio. This property is presently being held in the University's Investment Portfolio. It is recommended that the Vice President for Business and Finance be authorized to sell the property, with the proceeds of the sale to be used for medical research at the College of Medicine of The Ohio State University as prescribed under the Last Will and Testament of Howard B. Monett.

It is further recommended that the Vice President for Business and Finance be authorized to publicly advertise these properties and accept bids for a period of not less than 30 nor more than 90 days, and that the sale of each of the properties shall be made to the bidder submitting the highest and best bid on a net cash basis, as determined by the Vice President for Business and Finance, who hereby is authorized to reject any and all bids, and whose basis for determining lowest acceptable price shall be the fair market value as provided by an impartial, qualified real estate appraisal firm.

Be it further recommended that the President and Treasurer are hereby authorized and empowered to execute deeds transferring the land to the acceptable bidder(s) with the net proceeds of the sales to be deposited in the University's Investment Portfolio.

Following a second of Mr. Jones' motion by Mr. France, the above recommendations were approved by unanimous roll call vote.

3. Easement - The Columbia Gas of Ohio, Inc.

Mr. Jones, a member of the Finance and Investment Committee, presented the following recommendation and moved that it be approved.

The Columbia Gas of Ohio, Inc., has requested a 10-foot easement for construction of a four-inch gas line on lands held in the Investment Portfolio. The line will be parallel and adjacent to the south right-of-way line of Route 161 to serve the new Ohio National Guard Armory. The University will have the right to gas service from the gas line.

It is recommended that the Vice President for Business and Finance be authorized to execute a gas line right-of-way easement with the Columbia Gas of Ohio, Inc., on behalf of the Board of Trustees.

Following a second of Mr. Jones' motion by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

XII. REPORTS (continued)

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

4. Report on the University's Investment Portfolio

The report on the status of the University's Investment Portfolio dated November 30, 1964, 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. The report included: (1) approval of the recommendation that an amount not to exceed \$750,000.00 be invested in certain real property in the Don Scott Field area with the understanding that specific actions for purchase of certain said property will be submitted to the Board of Trustees for final approval, and (2) approval of the recommendation authorizing the investment of certain University funds in short-term notes of leading corporations with prime credit ratings as approved by the Finance and Investment Committee of the Board of Trustees.

B. Report on a Resolution by the Ohio Board of Regents Commending The Ohio State University for Plans to Construct Facilities for Continuing Education

The President reported that the Ohio Board of Regents at its regular meeting on November 13, 1964, adopted by unanimous vote a resolution commending the action taken by the Board of Trustees of The Ohio State University authorizing the construction of the "Center for Tomorrow," which will include facilities for Continuing Education, Telecommunications, and Education in National Security. The said resolution reads as follows:

WHEREAS the Board of Trustees of The Ohio State University on October 9, 1964, has approved the plans to construct a Continuing Education Center on the University campus, and

WHEREAS the new Center will provide much needed facilities for the continuing education program of The Ohio State University especially in various graduate and professional fields of higher education, now therefore

BE IT RESOLVED: that the Ohio Board of Regents hereby expresses its commendation to the Board of Trustees of The Ohio State University and to the officers and faculty of the University for this action, and hereby extends its best wishes for the successful development of this facility and for the important programs which this facility will advance.

Upon motion of Mr. Loop, seconded by Mr. Ketterer, the above report was received and ordered to be included in the minutes of this meeting.

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December 10, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report on Highlights of Campus Activities

In concluding the meeting, President Fawcett reviewed some of the significant activities of the University and reported on some special recognitions which have come to the University and its faculty and staff. A copy of the Report is filed with the official records of the Secretary of the Board.

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Thereupon the Board adjourned to meet Thursday, January 14, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

\_\_\_\_\_  
John T. Mount  
Secretary

\_\_\_\_\_  
Smith L. Rairdon  
Chairman

APPENDIX II

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 18, 1964

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# GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

## Doctor of Philosophy

- Mohamed Osman Abou-El-Seoud, B.S. (Cairo University); M.Sc.  
Cairo, Egypt  
*Dissertation: The Relation of Environment to Lipid and Protein Synthesis by a Species of Cladosporium*  
*Field of Specialization: Botany and Plant Pathology*
- Mohammed Tayib Akrawi, B.C.E., M.Sc. .... Akra, Iraq  
*Dissertation: Stress Analysis in Viscoelastic Bodies under Sinusoidal Loads*  
*Field of Specialization: Civil Engineering*
- Lowell Ray Anderson, B.A. (Southern Illinois University)  
Burnt Prairie, Ill.  
*Dissertation: The Reaction of Sulfur Dioxide with Diborane upon Initiation by Flash Photolysis*  
*Field of Specialization: Chemistry*
- James Barbour Ashbrook, A.B. (Denison University); B.D. (Colgate Rochester Divinity School); M.A. .... Rochester, N. Y.  
*Dissertation: Protestant Ministerial Attributes and Their Implications for Church Organization*  
*Field of Specialization: Psychology*
- Walter Vladimir Babics, B.A., M.A. (Kent State University) .... Athens  
*Dissertation: Assimilation of Yugoslavs in Franklin County, Ohio*  
*Field of Specialization: Sociology and Anthropology*
- Howard William Baeumler, B.S. in Ed. (New York State University College of Education, Buffalo); M.A. (University of Buffalo)  
Columbus  
*Dissertation: Some Applications of Matrices to the Design of Switching Networks*  
*Field of Specialization: Electrical Engineering*
- Joseph Kenna Bailey, B.S.Agr., M.S. (West Virginia University)  
Kenna, W. Va.  
*Dissertation: Non-Farm Agricultural Employment in West Virginia, with Implications for Vocational Education Programs*  
*Field of Specialization: Agricultural Education*
- Kenneth Leroy Barker, B.Sc. in Agr., M.Sc. .... Delaware  
*Dissertation: Control by Estradiol and Progesterone of the Activities of Certain Enzymes in the Lactating Mammary Gland and the Uterus of Rats*  
*Field of Specialization: Dairy Science*
- Randall Franklin Barron, B.S.M.E. (Louisiana Polytechnic Institute); M.Sc. .... Oak Grove, La.  
*Dissertation: Heat and Mass Transfer to a Cryosurface in Free Convection*  
*Field of Specialization: Mechanical Engineering*
- Michael Beer, B.A. (Queens College); M.S. (North Carolina State College of Agriculture and Engineering) .... Corning, N. Y.  
*Dissertation: Leadership, Employee Needs and Motivation*  
*Field of Specialization: Psychology*
- Carl Eugene Bennett, B.S. in Ed. (Miami University); M.Ed. (University of Cincinnati) .... Amelia  
*Dissertation: Communication Between Superintendents of Schools and Boards of Education*  
*Field of Specialization: Education*



- Billie Davis Blair, B.S.A., M.S. (University of Arkansas) . . Melbourne, Ark.  
*Dissertation: Studies of Northern Corn Rootworm Adults Resistant to Aldrin*  
*Field of Specialization: Zoology and Entomology*
- Robert William Brainard, A.B. (Miami University) ; M.A. . . . . Dayton  
*Dissertation: Image Quality Enhancement*  
*Field of Specialization: Psychology*
- Henry Milton Braner, B.S. (New York University) ; M.B.A.  
 (Columbia University) . . . . . Akron  
*Dissertation: An Analysis of the Domestic Passenger Tire Retreading Industry, with Emphasis on Selected Marketing Functions of Independent Retreaders*  
*Field of Specialization: Business Organization*
- James Keith Brooks, B.S., M.S. (John Carroll University) . . East Cleveland  
*Dissertation: A Transformation Theory for Banach Spaces*  
*Field of Specialization: Mathematics*
- Walter Ross Burrus, B.S. (Georgia Institute of Technology) . . Columbus, Ga.  
*Dissertation: Utilization of a Priori Information in the Statistical Interpretation of Measured Distributions*  
*Field of Specialization: Physics*
- Henry Clay Butcher IV, B.S. (Tufts College) ; M.Sc. . . . . Newton, Mass.  
*Dissertation: The Kinetics of Carbon-14 Translocation in Sugar Beet: An Effect of Illumination*  
*Field of Specialization: Botany and Plant Pathology*
- William Lester Butts, B.S. (Wilmington College) ; M.Sc. . . . Lafayette, Ind.  
*Dissertation: The Role of Excised Tissues of the German Cockroach Blattella germanica (Linnaeus) (Orthoptera: Blattidae) in the Epoxidation of Heptachlor*  
*Field of Specialization: Zoology and Entomology*
- Elv e Monteiro de Castro, Eng. (Instituto Technologico de Aeronautica)  
 Belo Horizonte, Brazil  
*Dissertation: Studies of Solid H<sub>2</sub> -D<sub>2</sub> Mixtures by Nuclear Magnetic Resonance*  
*Field of Specialization: Physics*
- Sun Woong Chun, B.Ch.E., M.Sc. . . . . Seoul, Korea  
*Dissertation: The Phase Behavior of Binary Systems in the Critical Region: Propane-Isomeric Hexane Systems*  
*Field of Specialization: Chemical Engineering*
- Lane Knight Conn, Jr., B.A. (Pennsylvania State University) ; M.A.  
 Levittown, Pa.  
*Dissertation: The Effects of the Approval Motive, Generalized Expectancy, and Threat to Self-esteem upon the Identification of Emotional Communications*  
*Field of Specialization: Psychology*
- Joseph Donald Crowley, B.A. (University of Notre Dame) ; M.A.  
 Newark, Del.  
*Dissertation: Nathaniel Hawthorne's Twice-Told Tales: A Textual Study Based on an Analysis of the Tales in the Three Major Collections*  
*Field of Specialization: English*
- Rodrigo Donoso-Hederra, Chem.Engr. (Federico Santa Maria Technical University) ; M.Sc. . . . . Santiago, Chile  
*Dissertation: Series-Parallel Extractive Reactions*  
*Field of Specialization: Chemical Engineering*

- Sister Mary Noel Dreska, A.B. (College of Saint Francis, Illinois)  
Joliet, Ill.  
*Dissertation: Vibration Rotation Bands of Boron Trifluoride*  
*Field of Specialization: Physics*
- Jon William Eberle, B.E.E., M.Sc. .... Chillicothe  
*Dissertation: An Adaptively Phased, Four-Element Array of Thirty-Foot Parabolic Reflectors for Passive (Echo) Communication Systems*  
*Field of Specialization: Electrical Engineering*
- Val Louis Eichenlaub, A.B. (Western Michigan College of Education);  
A.M. (University of Michigan) ..... Battle Creek, Mich.  
*Dissertation: A Synoptic Climatology of Winter Snowfall over the Upper and Lower Peninsulas of Michigan*  
*Field of Specialization: Geography*
- James Martin Estes, B.A., M.A. (Michigan State University)  
Detroit, Mich.  
*Dissertation: Johannes Brenz and the Problem of Church Order in the German Reformation*  
*Field of Specialization: History*
- Walter Ashford Farmer, Jr., B.A., M.A. (New York State University  
College of Education, Albany) ..... Albany, N. Y.  
*Dissertation: The Image of the Competent Secondary-School Science Teacher as Seen by Selected Groups*  
*Field of Specialization: Education*
- James Charles Fleming, B.S. (Ohio University) ..... Lancaster  
*Dissertation: Chemistry of the Diazooxides: 10-Diazoanthrone*  
*Field of Specialization: Chemistry*
- James Sheridan Foster, B.Met.E., M.Sc. .... Huntington, W. Va.  
*Dissertation: The Thermodynamics of the Rhenium-Oxygen and Molybdenum-Oxygen Systems and the Defect Structure of Alpha Tantalum Pentoxide*  
*Field of Specialization: Metallurgical Engineering*
- Dale Edward Futhey, B.Sc. in Bus.Adm., M.B.A. .... Tulsa, Okla.  
*Dissertation: The Selling Agent as a Marketing Institution*  
*Field of Specialization: Business Organization*
- Puthenpeedikayil Koshy Geevarghese, B.D. (Leonard Theological  
College); S.T.M. (Union Theological Seminary); A.M.  
(Miami University) ..... Mavelikara, Kerala, India  
*Dissertation: Growth and Decline of Small-Town United Presbyterian Churches in Ohio*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Sunanda Sarkar Ghosh, B.A., M.A. (Calcutta University) .. Calcutta, India  
*Dissertation: A Curriculum Proposal for Citizenship Education at the Secondary Level in the Emerging Technology of India*  
*Field of Specialization: Education*
- Robert John Gobin, B.S. in Ed. (Ohio Northern University); M.Ed.  
(Bowling Green State University) ..... Findlay  
*Dissertation: A Proposed Core Program for College Men in the Required Curriculum of Physical Education*  
*Field of Specialization: Physical Education*
- Charles Frank Griffin, B.S., M.S. (Texas Technological College)  
Lubbock, Tex.  
*Dissertation: An NMR Study of Relaxation Times in Metallic Sodium and Lithium as a Function of Temperature and Particle Size*  
*Field of Specialization: Physics*

- Jerry Jack Halterman, B.S., M.Ed. (University of California, Davis)  
Modesto, Calif.  
*Dissertation: Determination of the Educational Needs of Agricultural  
Engineering Technicians in Ohio*  
*Field of Specialization: Agricultural Education*
- David Eppler Hazlebeck, B.Ch.E. (University of Cincinnati); M.Sc.  
Portsmouth  
*Dissertation: Transport of Adsorbable Gas Through Microporous  
Media*  
*Field of Specialization: Chemical Engineering*
- Cecil William Hickam, Jr., B.S. in Chem. (Washington and Lee  
University) ..... Pulaski, Va.  
*Dissertation: Syntheses and Characterization of BH<sub>2</sub> NH<sub>2</sub> Species*  
*Field of Specialization: Chemistry*
- James Willard Hilty, B.Sc. in Agr., M.Sc. .... Rittman  
*Dissertation: Development of Electrophoretic Methods and Compari-  
sons of Proteins Extracted from Soybeans Resistant and  
Susceptible to Phytophthora*  
*Field of Specialization: Botany and Plant Pathology*
- Richard Martin Humes, B.S. (Pennsylvania State University); M.Sc.  
Ford City, Pa.  
*Dissertation: ( $p, \gamma$ ) Angular Correlations in Ti<sup>48</sup>*  
*Field of Specialization: Physics*
- Shafik Amin Issa Hussein, B.Com., M.Com. (Cairo University)  
Cairo, Egypt  
*Dissertation: Measuring and Evaluating the Performance of the In-  
ternal Accounting Function in Business Firms*  
*Field of Specialization: Accounting*
- David Dwight Jenkins, B.Sc. in Agr., M.S.c. .... Oak Hill  
*Dissertation: The Ohio Cooperative Extension Service as Perceived by  
Resource Development Committee Representatives*  
*Field of Specialization: Agricultural Education*
- Bernard Jump, Jr., B.B.A. (University of Cincinnati); M.A. .... Kettering  
*Dissertation: State Capital Spending and Borrowing in Ohio, 1947-  
1963*  
*Field of Specialization: Economics*
- Karl Daniel Kappus, B.Sc., M.Sc. .... Lakewood  
*Dissertation: The Photoperiodic Induction of Diapause in Eggs of  
Aedes triseriatus (Say)*  
*Field of Specialization: Zoology and Entomology*
- Girts Kaugars, B.A. (Kalamazoo College) .... Kalamazoo, Mich.  
*Dissertation: Reactions of Cyclopropyl Ketones with Phosphorus  
Pentachloride*  
*Field of Specialization: Chemistry*
- David Christian Kraft, B.C.E. (University of Dayton); M.S.C.E.  
(University of Notre Dame) ..... Marion  
*Dissertation: Stress and Deformation Analysis of a Two-layered  
Linear Viscoelastic System*  
*Field of Specialization: Civil Engineering*
- Horace Whaley Lanford, Jr., B.B.A. (University of Georgia); M.A.  
(George Washington University) ..... Fairborn  
*Dissertation: An Analysis of Coordinate Methods in Air Force Systems  
Management*  
*Field of Specialization: Business Organization*

- Delmar Laverne Larsen, B.A. (Iowa State Teachers College); M.A. in  
Edu. (Ball State Teachers College).....Columbus  
*Dissertation: Industrial Management and Industrial Arts: A Re-  
source Research with Implications for Curriculum De-  
velopment*  
*Field of Specialization: Education*
- Wha-Suk Lee, B.Sc. (Seoul University); M.S. (Western Reserve  
University).....Seoul, Korea  
*Dissertation: Synthetic Studies in the Pleiadene Series*  
*Field of Specialization: Chemistry*
- Samuel George Lefkowitz, B.S. in M.E. (Newark College of Engineering);  
M.Sc.....Red Bank, N. J.  
*Dissertation: One-dimensional, Coupled, Transient Thermoelastic Be-  
havior of a Semi-Infinite Medium Subjected to a Step-  
Input of Heat*  
*Field of Specialization: Mechanical Engineering*
- James C. Leslie, B.S. (Pennsylvania State University); M.Sc.  
Cumberland, Md.  
*Dissertation: A Study of the Gaseous Iodine-Solid Silver Nitrate Re-  
action by Use of Tracer Techniques*  
*Field of Specialization: Chemical Engineering*
- Donald Edward Lewis, Elect.Engr. (University of Cincinnati); M.Sc.  
Ironton  
*Dissertation: The Optical Convolver*  
*Field of Specialization: Electrical Engineering*
- Marvin Garr Linson, B.S. in Agr. (University of Nevada); M.E.  
(Colorado State University).....Aurora, Colo.  
*Dissertation: A Guide for Self-evaluation of State Supervisory Pro-  
grams in Vocational Education in Agriculture*  
*Field of Specialization: Agricultural Education*
- Sharad John Malelu, B.A. (Michigan State University); M.S.  
(Brigham Young University).....Bombay, India  
*Dissertation: The Anglo-Indians: A Problem in Marginality*  
*Field of Specialization: Sociology and Anthropology*
- John Clifford Mangan, B.Sc. in Edu., M.A.....Columbus  
*Dissertation: Personality Variables Among School Counselors, Grad-  
uate Students, and Secondary Education Students*  
*Field of Specialization: Education*
- Gerald Eugene McAchran, B.S. (Eastern Illinois University); M.Sc.  
Mattoon, Ill.  
*Dissertation: Synthesis and Characterization of Selected Boron Hetero-  
cycles*  
*Field of Specialization: Chemistry*
- John Gilmore Meadors, B. of E.P., M.S. (Auburn University) ..Lanett, Ala.  
*Dissertation: Studies in Partial Coherence and Nonlinear Optics*  
*Field of Specialization: Physics*
- Eva Medved, B.Sc. in Edu. (Kent State University); M.Sc.....Canton  
*Dissertation: The Development and Evaluation of a Televised Nutri-  
tion Series*  
*Field of Specialization: Home Economics*
- Constancio Xavier Miranda, B.E. (University of Bombay); M.S.  
(University of Notre Dame).....Baroda, India  
*Dissertation: The Occurrence of Lateral-torsional Buckling in Beam-  
Columns*  
*Field of Specialization: Civil Engineering*

- Robert Harley Myers, B.Sc. in Edu., M.A. .... Akron  
*Dissertation: Role Behavior Differential Between the School Counselor  
and the School Psychologist*  
*Field of Specialization: Education*
- Karl Elwood Nestor, B.S.Agr., M.S. (West Virginia University)  
Kasson, W. Va.  
*Dissertation: Genetics of Chick-Comb Response to Androgen and  
Gonadotrophin*  
*Field of Specialization: Poultry Science*
- Stephen Frank Pavkovic, B.S., M.S. (Wayne State University)  
Royal Oak, Mich.  
*Dissertation: A Spectrophotometric Investigation of Nickel(II) Com-  
plexes with N-Alkylethylenediamines*  
*Field of Specialization: Chemistry*
- Nicholas Leonard Petruzzella, B.S. (Antioch College) ..... Yellow Springs  
*Dissertation: Thermoelectric Power of Organic Photoconducting Dyes*  
*Field of Specialization: Physics*
- Blanche Maurie Green Phillips, B.S., M.A. (Texas Woman's University)  
Nacogdoches, Tex.  
*Dissertation: The Development of the Secondary Home Economics Pro-  
gram in Texas as it Reflects the Beliefs, Concerns, and  
Purposes of the State Directors, 1903-1964*  
*Field of Specialization: Home Economics (Education)*
- Paul Polishuk, S.B. (Massachusetts Institute of Technology); M.Sc.  
Dayton  
*Dissertation: Investigation of the Interactions of He<sup>3</sup> and d with Np<sup>237</sup>*  
*Field of Specialization: Physics*
- Eugene Robert Raddant, B.S. (Wisconsin State College,  
Stevens Point) ..... Hamilton  
*Dissertation: The County School District High School Principal as a  
Leader in Curriculum Development and Improvement*  
*Field of Specialization: Education*
- †Harry Edward Randles, B.F.A. (Syracuse University); M.Ed.  
(Miami University) ..... Cuyahoga Falls  
*Dissertation: The Effects of Organizational Climate on Beginning Ele-  
mentary Teachers*  
*Field of Specialization: Education*
- John Earl Rodebaugh, B.Sc. in Agr., M.Sc. .... Ashtabula  
*Dissertation: Effect of Cephalosporium on Several Biochemical Aspects  
of Fusarium Wilt in Resistant and Susceptible Tomato  
Plants*  
*Field of Specialization: Botany and Plant Pathology*
- William Sherburne Romoser, B.Sc. in Agr. .... Columbus  
*Dissertation: The Development of the Oesophageal Diverticula in Aedes  
triseriatus (Say)*  
*Field of Specialization: Entomology*
- Donald Ray Sigman, B.Sc. in Phys., M.Sc. .... Cambridge  
*Dissertation: Electron Densities Determined by Measurement of Thom-  
son Scattering of Laser Light from a Plasma*  
*Field of Specialization: Physics*
- James Allbee Smith, B.S. (University of Michigan) ..... Pontiac, Mich.  
*Dissertation: Rearrangement and Fragmentation Reactions of Cyclo-  
propylmethylidenes*  
*Field of Specialization: Chemistry*

† Degree granted in cooperation with Miami University

- Albert Zelig Soforenko, B.S. in Agr. (University of Rhode Island)  
 Milford Center  
*Dissertation: Admittees to Institutional and Community Class Programs for the Severely Mentally Retarded in Ohio*  
*Field of Specialization: Education*
- Robert Alfred Sporre, B.A. (State University of Iowa); M.F.A. (Texas Christian University).....Platteville, Wis.  
*Dissertation: An Investigation of the Cultural Environment Which Influenced André Antoine and Produced the Théâtre-Libre*  
*Field of Specialization: Speech*
- George Gardner Staehle, B.Sc. in Phys., M.Sc.....Columbus  
*Dissertation: The Gamma-Ray Decay of  $Tm^{165}$ ,  $Ta^{176}$ ,  $Lu^{176m}$ , and  $Ta^{175}$*   
*Field of Specialization: Physics*
- John Tull Starling, B.Sc. in Agr., M.Sc.....Dublin  
*Dissertation: Integrating Biological Principles with Instruction in Vocational Agriculture*  
*Field of Specialization: Agricultural Education*
- David Collier Stickler, B.Sc., M.Sc.....Piqua  
*Dissertation: Some Properties of the Electromagnetic Field in a Stratified Layer*  
*Field of Specialization: Electrical Engineering*
- Richard Thayer Thornberry, B.N.S., Ph.B. (Marquette University);  
 A.M. (University of Michigan).....Macomb, Ill.  
*Dissertation: Shakespeare and the Blackfriars Tradition*  
*Field of Specialization: English*
- Gerald Gordon Vander Stouw, A.B. (Calvin College).....Rochester, N. Y.  
*Dissertation: Thermal Decompositions of Aromatic Aldehyde Tosylhydrazones and Aryldiazomethanes*  
*Field of Specialization: Chemistry*
- Elizabeth Caroline Van Horn, B.S. in Ed. (Miami University); M.S.  
 in H. and P.E. (Wellesley College).....Newark  
*Dissertation: The Philosophy of Theodore M. Greene and Its Significance for Philosophy of Education*  
*Field of Specialization: Education*
- Richard Paul Veler, A.B. (Wittenberg University); A.M. (Harvard University).....Columbus  
*Dissertation: The Man with the Golden Arm: A Genetic Study*  
*Field of Specialization: English*
- Angelo Paul Verdi, A.B. (Cornell University); M.A. (Catholic University of America).....Washington, D. C.  
*Dissertation: Human Information Processing During a Compensatory Tracking Task*  
*Field of Specialization: Psychology*
- Nicholas James Vigilante, B.S. (Pennsylvania State University);  
 M.Ed. (Wayne State University).....Westerville  
*Dissertation: A Role Perception Study of Elementary Principals and Elementary Supervisors in the State of Ohio*  
*Field of Specialization: Education*
- Berthold Richard Vogt, B.S. (University of Michigan)  
 St. Clair Shores, Mich.  
*Dissertation: The Synthesis of Some A-Nor- and A-Bisnorsteroids*  
*Field of Specialization: Chemistry*

- Thomas William Webb, B.A. (Baldwin-Wallace College) . . . . . Lakewood  
*Dissertation: Classification of Teachers by Bureaucratic and Professional Normative Orientations to Educational Issues*  
*Field of Specialization: Sociology and Anthropology*
- Richard Charles Welsbacher, A.B. (Denison University); M.A.  
 (University of Denver) . . . . . Wichita, Kans.  
*Dissertation: Four Projections of Absurd Existence in the Modern Theatre*  
*Field of Specialization: Speech*
- Donald James Wilhelm, B.Ch.E. . . . . Glenview, Ill.  
*Dissertation: Condensation of Metal Vapors: Mercury and the Kinetic Theory of Condensation*  
*Field of Specialization: Chemical Engineering*
- Donald Howard Williams, B.S. (Muskingum College) . . . Ellwood City, Pa.  
*Dissertation: I. Nuclear Magnetic Resonance Spectroscopy Studies of Transition Metal Complexes*  
*II. A Novel Hexadentate Ligand Ethylenediaminedi (O-Hydroxyphenyl Acetic Acid)*  
*Field of Specialization: Chemistry*
- John Everett Woodruff, B.A. (Marshall College); M.Sc. . . . . South Point  
*Dissertation: The Influence of NaF on the Distribution of C<sup>14</sup> Among the Various Compounds Metabolized in Sugar Beet Leaves*  
*Field of Specialization: Botany and Plant Pathology*
- Clarence William Wright, B.S. (Wilberforce University); M.Sc.  
 Nashville, Tenn.  
*Dissertation: A Study of the Developmental, Gross, and Microscopic Anatomy of the Human Prenatal and Postnatal Vermiform Appendix*  
*Field of Specialization: Anatomy*
- James Marshall Zehner, B.S. (Capital University); M.Sc. . . . . Mansfield  
*Dissertation: A Study of Some 8-Quinoline Carboxylic Acid Derivatives as Analytical Reagents*  
*Field of Specialization: Chemistry*
- Robert Keith Zimmer, B.S. in Bus.Ad., M.Bus.Ad. (University of Buffalo)  
 Arcade, N. Y.  
*Dissertation: An Empirical Analysis of Stock Market Price Determinants*  
*Field of Specialization: Accounting*  
 (Ninety-one candidates)

**Certificate of Specialist in Educational Administration**

- Lowell Osborne Edwards, B.Sc. in Edu., M.A. . . . . Gallia  
 (One candidate)

**Master of Accounting**

- Donald Kenneth Berquist, B.S. in B.A. (Youngstown University)  
 Youngstown  
*Field of Specialization: Accounting*  
 (One candidate)

### Master of Arts

- Alvin Arthur Abbott, A.B. (Wittenberg University) ..... Columbus  
*Field of Specialization: Political Science*
- Pha Agsonsua, B.Ed. (Hons.) (The College of Education, Bangkok)  
Khonkaen, Thailand  
*Field of Specialization: Education*
- Wolfgang Peter Ahrens, B.A. (University of Toronto)  
Toronto, Ont., Canada  
*Field of Specialization: German*
- Nicholas Michael Alexander, A.B. (Ohio University) ..... Chillicothe  
*Field of Specialization: Education*
- Henry Mikel Barlow, B.A. (Mercer University) ..... Auburndale, Fla.  
*Field of Specialization: Sociology*
- Ewald Joseph Bash, A.B. (Capital University) ..... Minneapolis, Minn.  
*Field of Specialization: History*
- Thomas Gerald Bender, A.B. (College of Saint Charles Borromeo);  
 S.T.L. (Catholic University of America) ..... Columbus  
*Field of Specialization: Education*
- Richard Earl Bennett, B.A. (Bethany College) ..... Stow  
*Field of Specialization: Economics*
- John Charles Birkimer, B.A. .... Parma Heights  
*Field of Specialization: Psychology*
- Donald Edward Boehm, B.Sc. in Edu. .... Pataskala  
*Field of Specialization: Education*
- Albert Clyde Braden, B.S. (Seattle Pacific College)  
Wessington Springs, S. Dak.  
*Field of Specialization: Education*
- Dwight O'Neil Brown, B.Sc. in Edu. .... Lakeview  
*Field of Specialization: Education*
- William Lee Buelow, B.Mus. .... Columbus  
*Field of Specialization: Music*
- Frederick Joseph Bunte, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Brenda Dorn Carrera, B.Sc. in Edu. .... South Solon  
*Field of Specialization: Education*
- Benjamin Center, B.Sc. in Soc. Adm.; O.D. (Northern Illinois College  
 of Optometry) ..... Columbus  
*Field of Specialization: Speech*
- William Brent Clawson, B.S. (Utah State University) ..... Ogden, Utah  
*Field of Specialization: Speech*
- Robert Edward Daihl, B.S. in Ed. (Pennsylvania State Teachers College,  
 Shippensburg) ..... Lutherville, Md.  
*Field of Specialization: Education*
- Carol Pratt Dieringer, B.Sc. in Edu. .... Johnson City, N. Y.  
*Field of Specialization: Psychology*
- Duane Harmon Dillman, B.S. (Otterbein College) ..... Strongsville  
*Field of Specialization: Education*



- Karl Kennedy Dunlap, Jr., B.A. (Bethany College) ; B.Sc. in Edu.  
La Grange Park, Ill.  
*Field of Specialization: Physical Education*
- Larry Franklin Elliott, B.A. (Kent State University) .....Carrollton  
*Field of Specialization: Sociology*
- Garland Jules Emig, B.A.....Bucyrus  
*Field of Specialization: English*
- Yusuf Hasan Esbani, B.Sc. (University of Karachi) .....Karachi, Pakistan  
*Field of Specialization: Education*
- Sally Iralu Everett, B.A. (Maryville College) .....Atlanta, Ga.  
*Field of Specialization: Art*
- Joan Margaret Factor, A.B. (College of Saint Mary of the Springs)  
Columbus  
*Field of Specialization: Education*
- Karen Lee Fanta, B.A.....Columbus  
*Field of Specialization: Music*
- Albert Georges Ganansia, B.A. (Western Michigan University)  
Kalamazoo, Mich.  
*Field of Specialization: Romance Languages (Spanish)*
- Sharon Gunn Gerkin, B.S. in Ed. (Indiana University) .....Columbus  
*Field of Specialization: Education*
- Barbara Jean Anderson Glancy, A.B. (Hunter College) .....Columbus  
*Field of Specialization: Education*
- Barbara Loescher Green, A.B. (Mundelein College, Illinois) ...Chicago, Ill.  
*Field of Specialization: Economics*
- Richard Arthur Green, B.S. (University of Wisconsin) .....Madison, Wis.  
*Field of Specialization: Education*
- Ronald Greene, B.Sc. in Edu.....Cleveland  
*Field of Specialization: Psychology*
- Robert Arthur Griffin, B.A. (Geneva College) .....Rushsylvania  
*Field of Specialization: Education*
- Karen Lee Groezinger, B.A.....Columbus  
*Field of Specialization: Journalism*
- Yolanda Gutierrez-Cepeda, B.A. (Otterbein College)  
Barranquilla, Colombia  
*Field of Specialization: Romance Languages (French)*
- Steven John Gyuro, B.Sc. in Edu.....Rocky River  
*Field of Specialization: Education*
- Patricia Ann Haggerty, A.B. (Douglass College) .....Springfield, N. J.  
*Field of Specialization: Psychology*
- Sharon Rafferty Hall, B.S. (University of Oregon) ; M.A.....Astoria, Ore.  
*Field of Specialization: Psychology*
- Gordon Blaine Harding, B.S. (Western Michigan University)  
Shelbyville, Mich.  
*Field of Specialization: Psychology*
- David Willard Hess, B.A.....Columbus  
*Field of Specialization: Political Science*

- Chulee Jayapipat, B.S. in Chem. (Chulalongkorn University)  
Dhonburi, Thailand  
*Field of Specialization: Education*
- Patricia Ann Knopick, B.S. (College of Saint Teresa) . . . . . Winona, Minn.  
*Field of Specialization: Education*
- Marilyn Rose Lantz, B.S.Ed. (Ohio University) . . . . . Somerset  
*Field of Specialization: Education*
- Jewelr Parker Laurence, A.B. (University of Michigan) . . . . . Detroit, Mich.  
*Field of Specialization: Education*
- Mildred Elizabeth Lloyd, B.Sc. in Edu. . . . . Lancaster  
*Field of Specialization: Art*
- Joyce Elaine Johnson Matthews, B.Sc. in H.E. . . . . Delaware  
*Field of Specialization: Home Economics (Education)*
- Robert Junior McBride, B.Sc. in Agr. . . . . Dunkirk  
*Field of Specialization: Agricultural Education*
- Donald Eugene McCreight, B.S. (Pennsylvania State University)  
Somerville  
*Field of Specialization: Agricultural Education*
- Remedios del Mundo Mendoza, B.S. in Ed. (University of Santo Tomas)  
San Juan, Rizal, Philippines  
*Field of Specialization: Music*
- Francis Yu Chaw Meng, B.S. (Taiwan Normal University)  
Hsien Chu, Taiwan, China  
*Field of Specialization: Education*
- Carolyn Anne Mentzer, A.B. (West Virginia University)  
Parkersburg, W. Va.  
*Field of Specialization: Speech*
- Colleen Louise Miller, A.B. (Lake Erie College); M.M. (New England  
Conservatory of Music) . . . . . Ashtabula  
*Field of Specialization: Education*
- Donald Melvin Morehead, A.B. (Fort Hays Kansas State College)  
Downs, Kans.  
*Field of Specialization: Speech*
- Henry Arthur Norman, B.S. in Ed. (Wilberforce University) . . . . . Porter  
*Field of Specialization: Education*
- Martha Ann Oviatt, A.B. (Allegheny College) . . . . . Shaker Heights  
*Field of Specialization: Psychology*
- Kay Eileen Paisley, B.S. in Ed. (Muskingum College) . . . . . Coshocton  
*Field of Specialization: Education*
- James Michael Palardy, B.Sc. in Edu. . . . . Springfield  
*Field of Specialization: Education*
- Lassie Salmons Phillips, B.S. in Ed. (Morehead State College) . . . Columbus  
*Field of Specialization: Education*
- Ruzica Popovitch, A.B. (George Washington University) Washington, D. C.  
*Field of Specialization: Slavic Languages*
- Louisa Courtwright Potts, A.B. (Middlebury College) . . . . . Columbus  
*Field of Specialization: Psychology*
- Ziyad Saleem Ramadan, B.A. (American University of Beirut)  
Irbid, Jordan  
*Field of Specialization: Education*

- Elly Zoganas Raptou, B.A..... Columbus  
*Field of Specialization: Romance Languages (French)*
- Jane Evelyn Richardson, B.S. in Ed. (Wittenberg University) ..... Bellefontaine  
*Field of Specialization: Psychology*
- Rudolph Lorenzo Nah Roberts, A.B. (Ohio University) ... Monrovia, Liberia  
*Field of Specialization: Economics*
- Charles Andrew Rodgers, B.Sc. in Edu..... Columbus  
*Field of Specialization: Education*
- Lewis Ray Rose, B.A. (Otterbein College) ..... Canal Winchester  
*Field of Specialization: Economics*
- James Gordon Royle, A.B. (Albion College) ..... Kalamazoo, Mich.  
*Field of Specialization: Psychology*
- Irene Segger Sander, B.S. in Ed. (Capital University) ..... Columbus  
*Field of Specialization: Physical Education*
- James Taggart Sanders, A.B. (Harvard College) ..... Canton  
*Field of Specialization: Psychology*
- Gerald Neil Sandy, B.A..... Euclid  
*Field of Specialization: Classical Languages (Latin)*
- Jane Harriet Schwar, B.A. (Northwestern University) ..... Columbus  
*Field of Specialization: History*
- John Robert Shea, B.S. in B.A. (University of Arizona) ..... Tucson, Ariz.  
*Field of Specialization: Economics*
- Nancie Matteson Shillington, B.Sc. in Edu..... Columbus  
*Field of Specialization: Education*
- Luke Joel Swabb, Jr., B.A. (Muskingum College) ..... Pittsburgh, Pa.  
*Field of Specialization: Speech*
- Yukio Takefuta, B.A. in Ed. (Chiba University) ..... Katori-Gun, Chiba-Ken, Japan  
*Field of Specialization: Speech*
- Everett Tatman, Jr., B.S. in Edu. (Otterbein College) ..... Laurelville  
*Field of Specialization: Physical Education*
- Rose Marie Trbovich, B.A. (Kent State University) ..... Steubenville  
*Field of Specialization: History*
- Elton Roger Trent, B.A., B.Sc. in Edu..... Manchester  
*Field of Specialization: History*
- Charles Eugene Trott, B.Sc. in Edu..... Columbus  
*Field of Specialization: Geography*
- Michael Thomas Turvey..... London, England  
*Field of Specialization: Physical Education*
- Aurele Joseph Violette, B.A. (Bowdoin College) ..... Augusta, Me.  
*Field of Specialization: History*
- Nicholas Vontsolos, B.A..... Columbus  
*Field of Specialization: Slavic Languages*
- Andrew John Wahll, B.A..... Columbus  
*Field of Specialization: Geography*
- Roger Peyton Wallins, A.B. (City College, New York) ..... New York, N. Y.  
*Field of Specialization: English*

- Gary Jacob Warmink, A.B. (Calvin College) . . . . . Lynden, Wash.  
*Field of Specialization: Music*
- David Barrows Weber, B.A. (Kenyon College) . . . . . Douglaston, N. Y.  
*Field of Specialization: Journalism*
- Robert Jerry Weiler, B.S. in Bus.Ad. (University of Arizona) . . . . Columbus  
*Field of Specialization: Business Organization*
- Lawrence David Wells, B.A. (University of Washington) . . . . Seattle, Wash.  
*Field of Specialization: German*
- Nancy Carolyn Wood, B.A. (Marshall University) . . . . Moundsville, W. Va.  
*Field of Specialization: Psychology*
- Vitaly Wowk, B.A. (Mississippi State University) . . . . . New York, N. Y.  
*Field of Specialization: Slavic Languages*
- Geraldine Garlough Younkman, B.Sc. in Edu. . . . . Springfield  
*Field of Specialization: Music*

(Ninety-two candidates)

**Master of Business Administration**

- William Warren Armstrong, B.A. (Ohio Wesleyan University) . . Middletown  
*Field of Specialization: Business Organization*
- Frederick John Beier, B.Sc. in Bus.Adm. . . . . Chicago, Ill.  
*Field of Specialization: Business Organization*
- Cecil Arlo Blocker, Jr., B.E.M., B.Pet.E. . . . . Columbus  
*Field of Specialization: Business Organization*
- Daniel Wesley DeHayes, Jr., B.Sc. . . . . Columbus  
*Field of Specialization: Business Organization*
- Richard Hayden Howard, B.A. (Montana State University) . . Billings, Mont.  
*Field of Specialization: Business Organization*
- Doris Marie Kruse, B.S. (Valparaiso University) . . . . . Cleveland  
*Field of Specialization: Business Organization*
- William Richards Kyle, B.A. (Ohio Wesleyan University) . . . . . Delaware  
*Field of Specialization: Business Organization*
- William Thomas Neal, B.A. . . . . Columbus  
*Field of Specialization: Business Organization*
- LeMoyne Roger Plauche, B.S.C. (Ohio University) . . . . . Columbus  
*Field of Specialization: Business Organization*
- Franklin Dow Scoles, B.Sc. in Dairy Tech. . . . . Bluffton  
*Field of Specialization: Business Organization*
- Karna Adi Seshaiyah, B.A. (Hons.), M.A. (Andhra University)  
Andhra, Pradesh, India
*Field of Specialization: Business Organization*
- Edward Michael Stagney, B.Sc. in Dairy Tech. . . . . Barberton  
*Field of Specialization: Business Organization*
- Kenneth Lee Underwood, B.I.E. . . . . Rocky River  
*Field of Specialization: Business Organization*
- Cyrus Clarke Wilson, B.S. (United States Military Academy)  
Cleveland Heights
*Field of Specialization: Business Organization*
- Alfred Bernard Zustovich, B.M.E. (Rensselaer Polytechnic Institute)  
Brooklyn, N. Y.
*Field of Specialization: Business Organization*

(Fifteen candidates)

### Master of Education

- Jack Alan Deem, A.B.Edu. (Glenville State College)..... Elyria  
*Field of Specialization: Education*
- Hartsell Glenn Dodrill, A.B. (Fairmont State College)..... Mt. Gilead  
*Field of Specialization: Education*
- Virginia Hamilton Elmer, B.S. in Ed. (Capital University).... Cambridge  
*Field of Specialization: Education*
- Robert Irvin Elsea, B.Sc. in Edu..... Circleville  
*Field of Specialization: Education*
- John Frederick Gosser, B.A. (Muskingum College)..... New Concord  
*Field of Specialization: Education*
- Ronald Glen Yaussy, B.Sc. in Edu..... Bucyrus  
*Field of Specialization: Education*  
 (Six candidates)

### Master of Science

- Richard Lowell Adkins, B.E. (Marshall University)..... Dayton  
*Field of Specialization: Engineering Mechanics*
- Kadhun Naki Al-Sheikh, B.Sc. (University of Baghdad) ... Baghdad, Iraq  
*Field of Specialization: Pharmacy*
- Jose Peralta Ampil, D. of Opt., D.M.D. (Centro Escolar University)  
 Bacolod, Philippines  
*Field of Specialization: Dentistry*
- Nilss Magnus Aume, B.I.E..... Springfield  
*Field of Specialization: Industrial Engineering*
- Burton Gustave Austen, B.E.E. (City College, New York)..... Columbus  
*Field of Specialization: Physiology*
- James Rolland Bauder, B.Sc..... Delaware  
*Field of Specialization: Agronomy*
- David William Berrie, B.S.E.E. (Iowa State University) ... Mason City, Ia.  
*Field of Specialization: Electrical Engineering*
- Bondalapati BhaskaraRao, B.E. (University of Mysore)  
 Krishna, Andhra, India  
*Field of Specialization: Metallurgical Engineering*
- Henry William Block, B.S. (Carnegie Institute of Technology)  
 Newark, N. J.  
*Field of Specialization: Mathematics*
- John David Bossler, B.S. in C.E. (University of Pittsburgh)  
 Johnstown, Pa.  
*Field of Specialization: Geodetic Science*
- Thomas Allen Brackett, B.E.E..... Minford  
*Field of Specialization: Electrical Engineering*
- Roger Keith Burnard, B.Sc. in Agr..... Pickerington  
*Field of Specialization: Zoology*
- Robert Virlyn Byrd, B.E.E..... Columbus  
*Field of Specialization: Electrical Engineering*
- Doris Weber Carrier, B.Sc. in H.E..... Strasburg  
*Field of Specialization: Home Economics*

- Inez Rambo Constant, B.S. (University of North Carolina) . . . . . Dayton  
*Field of Specialization: Nursing*
- Alkis Constantinides, B.Ch.E. . . . . Larnaca, Cyprus  
*Field of Specialization: Chemical Engineering*
- Darrell Zane Cox, B.S.M.E. (Purdue University) . . . . . Muncie, Ind.  
*Field of Specialization: Industrial Engineering*
- Alan George Cumpston, M.B.B.S. (Sydney University)  
 Broken Hill, N.S.W., Australia  
*Field of Specialization: Preventive Medicine*
- William John Curnow, Jr., B.S. (Ohio University) . . . . . Columbus  
*Field of Specialization: Chemistry*
- Michael B. Cutlip, B.Ch.E. . . . . Milford  
*Field of Specialization: Chemical Engineering*
- Michael Francis Dague, B.Ch.E. . . . . Akron  
*Field of Specialization: Chemical Engineering*
- Roberta Anne Dombeck, B.S. (Baldwin-Wallace College) . . Ellwood City, Pa.  
*Field of Specialization: Chemistry*
- Raymond Leroy Downs, A.B. (Earlham College) . . . . . Dayton  
*Field of Specialization: Chemistry*
- Jessie Ann Nelson Engle, A.B. (Bennington College) . . . . . Columbus  
*Field of Specialization: Mathematics*
- Martha Ann Everhart, B.Sc. in Nurs. . . . . Columbus  
*Field of Specialization: Nursing*
- Jesse Bellosillo Evidente, B.S.C.E. (Mapua Institute of Technology)  
 La Paz, Iloilo City, Philippines  
*Field of Specialization: Civil Engineering*
- Mary Ann Ewert, B.S. (Denison University) . . . . . St. Paul, Minn.  
*Field of Specialization: Zoology*
- Robert Thomas Ferris, D.D.S. (Emory University) . . . . . Orlando, Fla.  
*Field of Specialization: Dentistry*
- Fredrick Alan Fischer, B.M.E. . . . . Mansfield  
*Field of Specialization: Mechanical Engineering*
- Dale Leroy Ford, B.Sc. in Phys. . . . . Norwalk  
*Field of Specialization: Physics*
- John Edwin Foster, B.E.E. . . . . Springfield  
*Field of Specialization: Electrical Engineering*
- Diane Tori Fox, B.S. in Nursing (University of Kansas) . . Ellsworth, Kans.  
*Field of Specialization: Nursing*
- Clara May Frederick, B.A. (Defiance College) . . . . . Urbana  
*Field of Specialization: Botany and Plant Pathology*
- Roger Benedict Friedl, B.Sc. . . . . Akron  
*Field of Specialization: Mathematics*
- Wilfred Edward Gagne, B.S., D.V.M. (Michigan State University)  
 Orchard Lake, Mich.  
*Field of Specialization: Veterinary Pathology*
- Lewis Edgar Gates, B.Ch.E. . . . . Gallipolis  
*Field of Specialization: Chemical Engineering*

- Frederick George Gebhardt, B.E.E.....Marysville  
*Field of Specialization: Electrical Engineering*
- James Linden George, B.Sc. in Phys.....Bowling Green  
*Field of Specialization: Electrical Engineering*
- Robert Logan Godwin, B.S.N. (University of Akron).....Akron  
*Field of Specialization: Nursing*
- Michael Uhrich Goodyear, B.Cer.E.....Toledo  
*Field of Specialization: Ceramic Engineering*
- \*Richard Leighton Gregg.....Nevada  
*Field of Specialization: Electrical Engineering*
- Frederick Terveen Grimm, B.Sc. in Agr.....Flat Rock  
*Field of Specialization: Agricultural Education*
- Harrison Mark Grove, Elec.Engr. (University of Cincinnati).....Hillsboro  
*Field of Specialization: Electrical Engineering*
- Manuel Ibarra Gutierrez, B.S.Ch.E. (University of the Philippines)  
 Quezon City, Philippines  
*Field of Specialization: Industrial Engineering*
- John Haas, S.B. in A.E. (Massachusetts Institute of Technology)  
 Princeton, N. J.  
*Field of Specialization: Engineering Mechanics*
- Demirhan Hakimoglu, B.S. in E.E. (Robert College, Turkey)  
 Istanbul, Turkey  
*Field of Specialization: Electrical Engineering*
- William Joel Hale, B.S. in E.E. (Purdue University).....Dayton  
*Field of Specialization: Electrical Engineering*
- Robert Wilson Hamilton, B.S. (Parsons College).....Davenport, Ia.  
*Field of Specialization: Entomology*
- Francis Lawrence Hanigan, B.S. (United States Military Academy)  
 New York, N. Y.  
*Field of Specialization: Geodetic Science*
- Charles Joseph Harmon, B.S. in E.E. (University of Cincinnati) ..Norwood  
*Field of Specialization: Electrical Engineering*
- James Patrick Harrington, B.S. (University of Chicago).....Salem  
*Field of Specialization: Astronomy*
- Heinrich Karl Heilbronner.....Ansbach, Bavaria, Germany  
*Field of Specialization: Geodetic Science*
- Danny Kay Holtshouse, B.E.E.....Galion  
*Field of Specialization: Electrical Engineering*
- Tobenette Holtz, B.S. in Aero.Eng'g. (Wayne State University)  
 Inglewood, Calif.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Ann Benning Horwath, B.S. in Ed. (Kent State University).....Cleveland  
*Field of Specialization: Zoology and Entomology*
- Charles Bernard Huelsman III, A.B. (Miami University).....Worthington  
*Field of Specialization: Mathematics*
- Patrick Louis Hunter, B.E.E.....Canton  
*Field of Specialization: Electrical Engineering*

\* Two degrees

- Nancy Kathryn Hutson, B.A. (Central College, Missouri) ..Charleston, Mo.  
*Field of Specialization: Agricultural Biochemistry*
- Kenneth William Johnson, B.S. (Miami University) .....East Cleveland  
*Field of Specialization: Physics*
- Persio Carvalho Junqueira, Eng. Agr. (Universidade de Sao Paulo)  
Sao Paulo, Brazil  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- James Frederick Karn, B.Sc. in Agr.....London  
*Field of Specialization: Animal Science*
- Carol Converse Karrer, B.Sc. in Nurs..... Plain City  
*Field of Specialization: Nursing*
- Clifford Orville Keihl, B.S. in E.E. (South Dakota School of Mines  
and Technology) .....Cedarville  
*Field of Specialization: Electrical Engineering*
- Chakib Khelil, B.E.M.....Oujda, Morocco  
*Field of Specialization: Metallurgical Engineering (Mining  
Engineering)*
- Chung Kyu Kim, B.S.E.E. (Ohio University).....Seoul, Korea  
*Field of Specialization: Electrical Engineering*
- Dennis Walter Kirsch, B.Ch.E.....West Portsmouth  
*Field of Specialization: Chemical Engineering (Petroleum  
Engineering)*
- William Kinsley Latshaw, B.Sc., D.V.M.....Shelbyville, Ind.  
*Field of Specialization: Veterinary Anatomy*
- Ronald Lee Laughlin, B.A. (Wabash College) .....Cerro Gordo, Ill.  
*Field of Specialization: Botany and Plant Pathology*
- Norman Edgar Lobdell, B.S. (University of California, Berkeley)  
Chico, Calif.  
*Field of Specialization: Industrial Engineering*
- John Charles Lyon, B.E.E.....Findlay  
*Field of Specialization: Electrical Engineering*
- James Willard Madden, B.S. (United States Military Academy)  
LaGrange, Ky.  
*Field of Specialization: Electrical Engineering*
- Richard Allen Markle, B.S. (Bowling Green State University) ..Springfield  
*Field of Specialization: Chemistry*
- James Pershing Martin, A.B. (Syracuse University) ..New Bedford, Mass.  
*Field of Specialization: Geodetic Science*
- Charles Bernard Matson, B.M.E.....Cincinnati  
*Field of Specialization: Engineering Mechanics*
- Joseph Thomas Mayhan, B.S.E.E. (Purdue University) ....Evansville, Ind.  
*Field of Specialization: Electrical Engineering*
- Robert Lewis McConnell, B.E.E.....Mt. Vernon  
*Field of Specialization: Electrical Engineering*
- Pearson Dudley McWane, B.S. (Virginia Military Institute) .....Milan  
*Field of Specialization: Electrical Engineering*
- Philip Cameron Miller, B.S.E.E. (University of Kentucky) .....Dayton  
*Field of Specialization: Electrical Engineering*



- Ann Elizabeth Moats, B.Sc. in Nurs.....Sherwood  
*Field of Specialization: Nursing*
- \*William Thomas Moore.....Westerville  
*Field of Specialization: Ceramic Engineering*
- James Patrick Moreland, B.E.E.....Dayton  
*Field of Specialization: Electrical Engineering*
- Sharon LaVonne Mourer, B.A. (Manchester College)....South Bend, Ind.  
*Field of Specialization: Zoology and Entomology*
- Patricia Bergman Nachman, B.Sc. in Nurs.....Columbus  
*Field of Specialization: Nursing*
- Alfred Oliver, B.S. (University of Maryland).....Dayton  
*Field of Specialization: Mathematics*
- Jeanette Elsie Palmquist, B.A. (Gustavus Adolphus College)  
 St. Peter, Minn.  
*Field of Specialization: Zoology and Entomology*
- Rosalie Josephine Papa, B.A. (Chestnut Hill College)....Philadelphia, Pa.  
*Field of Specialization: Chemistry*
- James Leslie Passauer, B.S. (University of Pittsburgh).....Columbus  
*Field of Specialization: Geodetic Science*
- Peter Damian Patterson, B.Sc. in Edu.....Wellston  
*Field of Specialization: Mathematics*
- Ailton Ribeiro Pinto, B.S. (Physics) (University of Brazil)  
 Rio de Janeiro, Brazil  
*Field of Specialization: Electrical Engineering*
- Subramania Ramachandran, B.Sc., B.Sc. (Hons.), M.Sc. (Annamalai  
 University).....Madras, India  
*Field of Specialization: Chemistry*
- James Riddell III, B.A. (Ohio Wesleyan University).....North Canton  
*Field of Specialization: Physics*
- Victor Lee Riemenschneider, B.Sc. in Agr.....Atwater  
*Field of Specialization: Botany and Plant Pathology*
- Claude Delos Robinson, B.S.E. (Met.E.), B.S.E. (Ch.E.) (University  
 of Michigan).....Columbus  
*Field of Specialization: Metallurgical Engineering*
- Jamal Mohammad Salem, B.Sc. in Ag. (University of Baghdad)  
 Hebron, Jordan  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- James Barclay Sapp, B.Ch.E.....Columbus  
*Field of Specialization: Chemical Engineering*
- Lumduan Savetamal, B.Sc. in Pharmacy (University of Medical Sciences)  
 Bangkok, Thailand  
*Field of Specialization: Pharmacy*
- Paul Luther Schiff, Jr., B.Sc. in Phar.....Columbus  
*Field of Specialization: Pharmacy*
- Inder Jeet Sethi, B.Sc. (Meerut College); B.Sc. in Mech.Engr. (Howard  
 University).....Meerut Cantt, India  
*Field of Specialization: Mechanical Engineering*
- Lowell William Shank, B.A. (Goshen College).....Scottsdale, Pa.  
*Field of Specialization: Chemistry*

\* Two degrees

- James Allen Shell, B.Cer.E.....Farmersville  
*Field of Specialization: Ceramic Engineering*
- Paul Maxwell Shepard, Jr., B.C.E.....Columbus  
*Field of Specialization: Civil Engineering*
- Amjad Khalid Shubber, B.Sc. (Baghdad University).....Baghdad, Iraq  
*Field of Specialization: Chemistry*
- Glenn Evan Siemer, B.M.E.....Cincinnati  
*Field of Specialization: Mechanical Engineering*
- Jeffery Garton Smith, B.E. (University of Western Australia)  
 Nedlands, Western Australia  
*Field of Specialization: Civil Engineering*
- Ann Sodja, A.B. (Ursuline College).....Cleveland  
*Field of Specialization: Agricultural Biochemistry*
- Michael Herbert Spring, B.S. (Massachusetts Institute of Technology)  
 New York, N. Y.  
*Field of Specialization: Physics*
- Charles Sinclair Springer, Jr., B.S. (Saint Louis University)  
 St. Louis, Mo.  
*Field of Specialization: Chemistry*
- Andrew Lee Stevens, B.Sc. in Agr.....Ostrander  
*Field of Specialization: Agricultural Education*
- David Fred Thompson, B.Cer.E.....Columbus  
*Field of Specialization: Ceramic Engineering*
- Raymond Edgar Thompson, B.S. (Rochester Institute of Technology)  
 Columbus  
*Field of Specialization: Electrical Engineering*
- Hugo Alfonso Torres, Agricultural Economist (Universidad del Valle)  
 Cali, Colombia, South America  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- George Varghese, B.Sc. (Engr.) (University of Kerala)  
 Tiruvalla, Kerala, India  
*Field of Specialization: Civil Engineering*
- James Wiley Warren, Jr., B.S. (Agricultural and Technical College  
 of North Carolina).....Greensboro, N. C.  
*Field of Specialization: Agricultural Education*
- John Richard Weaver, B.C.E.....Wooster  
*Field of Specialization: Civil Engineering*
- Simha Weissman, B.Sc.....Tel-Aviv, Israel  
*Field of Specialization: Geodetic Science*
- James Martin Whitney, B.A. (Illinois College); B. of T.E., M.S.  
 (Georgia Institute of Technology).....Dayton  
*Field of Specialization: Engineering Mechanics*
- Edwin John Wilson, B.Ch.E.....Marietta  
*Field of Specialization: Chemical Engineering*
- Lawrence David Wise, B.A. (Manchester College).....North Canton  
*Field of Specialization: Chemistry*
- Phyllis Reynolds Wooden, B.S. (Madison College, Virginia) ..Richmond, Va.  
*Field of Specialization: Preventive Medicine*

(One hundred and nineteen candidates)

**Master of Science  
in Public Administration**

Franklin George Ollendorff, B.A. (Ohio Wesleyan University) South Euclid  
*Field of Specialization: Political Science*  
(One candidate)

## CANDIDATES FOR TWO DEGREES

- Richard Leighton Gregg.....Nevada  
Master of Science  
Bachelor of Electrical Engineering (summa cum laude)
- Cheryl Ann Hendricks.....Columbus  
Bachelor of Arts  
Bachelor of Science in Education
- Mark Dana Keller.....Bucyrus  
Bachelor of Arts . .  
Bachelor of Science in Education
- William Thomas Moore.....Westerville  
Master of Science  
Bachelor of Ceramic Engineering

(Four candidates)

# COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

## Bachelor of Science in Agriculture

William Linn Backus.....	Euclid
Richard Allen Beidelschies.....	Bucyrus
John Philip Bishop.....	Milford Center
Stephen Hiatt Bone.....	Jamestown
Judith Smith Brisker.....	Mansfield
Eugene Paul Cline.....	Waldo
Kenneth Dale Cochran.....	Cuyahoga Falls
Robert Louis Cuthbert.....	Groveport
Lewis Earl Davis.....	Jackson
Charles Gordon Dilbone.....	Rockford
John Roger Dobbins.....	Cedarville
Thomas Henry Eggers.....	Napoleon
Malcolm William Emmons.....	Columbus
James Delbert Fisher.....	Clarksville
Jerome Joseph Fisher.....	Wapakoneta
Jack Lewlyln Heavenridge.....	Columbus
James William Himmelright.....	Barberton
Kenneth Edward Hirsch.....	St. Marys
Gary Lee Hummell.....	Dayton
Richard Bell Imhulse.....	Hamilton
Lloyd Arnot Jones.....	Weston
Richard Louis Link.....	Sunbury
Gerald Edward Mahl.....	Norwalk
Jon Dee Mautz.....	McConnelsville
Larry Lee McCutcheon.....	Zanesville
Gary Richard Miller.....	Wakeman
Sadrack Eric Njomou.....	Yaoundi, Cameroun, Africa
JoAnn Ellen Pikal.....	Lima
Thomas Earl Price.....	Delaware
Charles Paul Rafo.....	Cincinnati
Larry Dale Rigel.....	Leipsic
Richard Daniel Robinson.....	Circleville
Wesley Kenneth Roush.....	Hillsboro
Carl Francis Ruble.....	Lancaster
Clifford Nicholas Schwab.....	Hamilton
John Joe Shoop.....	Findlay
George Robert Sikora.....	Hinckley
Robert Fremont Smith.....	Worthington
Gary Allan Stewart.....	Youngstown
Robert Louis Strayer.....	Sidney
Octavio Taylor-Ingram.....	Managua, Nicaragua, Central America
Erick Lee Theiss.....	Salem
Richard Reid Thompson.....	Delphos
Larry Douglas Tingley.....	Rockford

(Forty-four candidates)

## Bachelor of Science in Food Technology

John Thomas Bellay.....	Warren
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(One candidate)

## SCHOOL OF HOME ECONOMICS

### Bachelor of Science in Home Economics

Marsha Poe Ames.....	Van Buren
Judith Ann Beoddy.....	Eaton
Barbara Joann Blackshere.....	Steubenville
Margaret Ann Booze.....	Fredericktown
Ellen Struble Burge.....	Bryan
Joanne Martha Burton.....	Cleveland
Susan May Creek.....	Montpelier
Virginia Smith Douglas.....	Westerville
Marta Carmella Farbizo.....	New Philadelphia
Marcia Joan Haley.....	Marion
Mareidith Ann Hite.....	Columbus
Margaret Ann Householder.....	Delaware
Judith Jean Jurgens.....	Mansfield
Susan Mills Kovacs.....	Ironton
Norma Jean Maselli.....	Columbus
Jean McClester.....	Mechanicstown
Nancy Carol Miller.....	Columbus
Norma Jeanne Montague.....	Columbus
Sue Ellen Musgrave.....	Ashtabula
Victoria Mariotto Radican.....	Lorain
Bonnie Boggs Reese.....	Batavia
Eileen Marie Roberts.....	Tiffin
Kathryn Janet Sale.....	Utica
Ellen Metzger Shaw.....	Junction City
Marcia Sue Smith.....	Columbus
Ruth Ellen Sommer.....	Youngstown
Helga Irene Storz.....	Columbus
Sharon Hall Tanner.....	Marysville
Sara Jane Wantz.....	Circleville
Anna Waters Wead.....	Washington C. H.
Helen Beam Wickline.....	Xenia
Sandra Marbaugh Williams.....	Newark
Karen Stout Zimmerman.....	Oregon

(Thirty-three candidates)

### Bachelor of Science in Restaurant Management

David Fuller Dunson.....	Mansfield
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(One candidate)

# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

Carl John Bako.....	Barberton
Sallie Marie Barber, B.Sc. in Edu.....	Johnstown
Robert Cecil Barbour.....	Cleveland
Stephen Wendell Bennett.....	Columbus
Alexander Bohdan Berest.....	Columbus
Donald Jay Berman.....	Columbus
Phillip Lee Bollinger.....	St. Paris
John David Bourdo.....	Toledo
Ted Bryant Clevenger.....	Canton
Calmer Edwin Compton.....	Canton
Jon Michael Cope.....	Columbus
Agnes Youskievicz Cowan.....	Cleveland
William George Crozier.....	Norfolk, Va.
David Perry Denune.....	Columbus
Stephen John DeVoe.....	Columbus
Alan Henry Facter.....	Cleveland Heights
Rosemary Lee Falter (cum laude).....	Niagara Falls, N.Y.
John Joseph Fenstermaker, Jr.....	Glenview, Ill.
Joseph Van Dement Friend.....	Columbus
Starr Morrow Fuhrman.....	Toronto
Stephen Anthony Gallen.....	New York, N. Y.
Nancy Ann Gerl.....	Euclid
Jo Holt Goehl.....	Columbus
Dennis Jay Goldman.....	Pittsburgh, Pa.
Homer Thomas Grant, Jr.....	Canton
Terry Morrow Green.....	Marion
Leanne Gurney.....	Columbiana
Judith Danford Gussler (cum laude).....	Columbus
Gary Kenneth Hamer.....	Newark
David Edwin Heck.....	North Madison
*Cheryl Ann Hendricks.....	Columbus
Ronald Wayne Hostettler.....	Apple Creek
Phillip Mowry Howe.....	Amherst
Kenneth Harvey Hybloom.....	Cleveland Heights
Georgene Kirkpatrick Jacobs.....	Kent, Wash.
Andrew Marshall Jamison III.....	Columbus
Thomas Patrick Joseph.....	Columbus
Robert Morris Judd.....	Dayton
*Mark Dana Keller.....	Bucyrus
Samuel Lester Lane.....	Columbus
Robert Dean Larson.....	Hannibal, Mo.
Margot Grimm Lethbridge.....	Wilton, Conn.
James Harold Macklin.....	Newark
Walter Joseph Maibach.....	Metuchen, N. J.
Frederick Martin Mann.....	Columbus
Donald Edward McNamee.....	Medford, Mass.
John Kipp Metzger.....	Columbus
Carl Ellsworth Miller.....	Dayton
Howard Sinclair Minor.....	Steubenville
Robert Patrick Munshower.....	North Royalton
Adrian Ann Murphy (cum laude).....	Bowling Green

\* Two degrees

Marihelyn Theresa Nelson (with Distinction in English)	Euclid
Michael James Noble	Lakewood
Myrna Radke	Cleveland
Roland James Robbins	Columbus
Ronald Michael Schmidt	Berea
Katherine Riddock Sheahan	Yellow Springs
William Allan Shenk	Columbus
Barry David Silverman	Dayton
William Sanders Slentz	Columbus
Alan Eugene Smith	Cincinnati
Barbara Stewart Smith	Reynoldsburg
William Radcliffe Smith	Kettering
Jan Soehngen	Dayton
Marian Lee Stansbury	Ashville
Samuel Barnard Stewart II	Columbus
John Thomas Strauss	Atlanta, Ga.
Gary Tiktin, B.Sc. in Edu.	Columbus
Mell Gilbert Underwood	New Lexington
Richard Townsend Warren	Mt. Vernon
Patricia Ann Whiting	Cleveland
Arthur Wayne Whittington, Jr.	Columbus
Lawrence Charles Wolf	Columbus
William Charles Youngstrom	Maplewood, N. J.

(Seventy-four candidates)

#### Bachelor of Science

Robert Ernest Abram	Cleveland
Robert Henry Bensinger	Columbus
Kenneth Morton Bidlake	Columbus
Carlos Latrelle Bush	Shreveport, La.
Joel Malcolm Cain	San Bernardino, Calif.
Carl Robert Carnein	Chillicothe
Donna Jeanne Chesser (cum laude)	McArthur
Kelley Lee Crites	Stoutsville
Richard Craig Dougherty	Columbus
Richard Boyce Dowd	Canton
Paul Daniel Fleming III	Columbus
Richard Wayne Fraley	Mingo Junction
Jack Terry Gallaher	Dayton
Clyde Ralph Garrett, Jr.	Westerville
Daniel Lee Hartong	North Lawrence
Stuart Jay Hemple	Shaker Heights
Clayton Nathaniel Hicks	Columbus
Glenn Paul Jones	Canton
Ralph Charles Karlovec	Shaker Heights
Laima Macys Karnitis	Columbus
Martha Kemper	Rocky River
Ted Albert Loxley	Arcanum
James Howard Maryanski	Cuyahoga Falls
Judith Kay McCartney	Marion
Thomas Richard Phillips	Los Angeles, Calif.
Robert Bradshaw Quebman	Cincinnati
Marvin Richman, B.Gen.Edu. (University of Omaha)	North New Hyde Park, N. Y.
John Michael Schroer	St. Marys
Lois Jean Schumaker	Canton



Alvin Eugene Stewart.....Parsons, Kans.  
 Alexander Anthony Taday, Jr.....Cleveland  
 Garth E. Thomas.....Fostoria  
 James Lee Throckmorton.....Chillicothe  
 Jon Edward Veon.....Canton  
 Judith Elaine Walters.....Columbus  
 Robert Edward Weimer II.....Akron  
 Archie B. West, Jr.....Columbus

(Thirty-seven candidates)

**Bachelor of Science  
 in Medical Technology**

Karen Mae Dreier.....Port Clinton  
 Dianna June Glover.....Loudonville  
 Martha Lois Kleinman.....Trenton, N. J.  
 Leora Pauline Merritt.....Toledo

(Four candidates)

**SCHOOL OF JOURNALISM**

**Bachelor of Arts**

Ralph Leonard Matthews, Jr.....Columbus  
 Keith Allan McKnight.....Cambridge  
 Robert Lohr McMillan.....Cincinnati  
 Judith Belle Richmond.....Xenia

(Four candidates)

**SCHOOL OF OPTOMETRY**

**Bachelor of Science  
 in Optometry**

Roger Lee Graybill.....Lancaster  
 Ronald Allen Lavo.....Tiffin

(Two candidates)

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

## Bachelor of Science in Business Administration

Richard Allen Abruzzi.....	Warren
William Sterns Andreas.....	Dover
Ward Clayton Argust.....	Columbus
Dwight Charles Ball.....	Lewis Center
Mary Lee Baskin.....	Baskin, La.
Robert Lawrence Bass.....	Seven Hills
Fred William Berk.....	University Heights
Robert William Bertelsbeck.....	Cleveland
James Edward Biddle.....	Kettering
Robert Blasko.....	Parma
Jerry Ray Boone.....	Canton
George Louis Callif II.....	Columbus
Daniel Roland Callot.....	Parma
Landam Aaron Clifford.....	Bellaire
Charles Richard Coate.....	Worthington
John Samuel Coleman.....	Columbus
Ronald Ray Cross.....	Cincinnati
David Strausbaugh Dahmen.....	Youngstown
James Ottman Doersam.....	Chillicothe
Robert Riggs Elwell.....	Toledo
Donald Edwin Ely.....	Columbus
David William Evans.....	Dayton
John Thomas Fisher.....	Columbus
Barry Griffith Fithen.....	Carrollton
Ronald Lee Foreman.....	Dayton
Pasquale Fragasse, Jr.....	Dover
John Caywood French.....	Wilmington
Edward Auburn Friel.....	Chillicothe
Gary Robert Frohlin.....	Rocky River
Dennis Lee German.....	Ottawa
Lawrence S. Goldberg.....	Chillicothe
Thomas Joseph Grafton.....	South Euclid
Robert Warren Grissom.....	Columbus
Matthew Anthony Haban.....	Columbus
Earl Henry Hassel.....	Cleveland
Stephen Randolph Hatcher.....	Columbus
James Eugene Hidy.....	Dayton
James Franklin Holtshouse, Jr.....	Bucyrus
Martin Henry Hydell.....	Chillicothe
Wallace Ray Hyman.....	Oak City, N. C.
Richard Allen Isaly, Jr.....	Columbus
Paul Morgan Jones.....	Hilliard
William Paul Kinsey.....	Columbus
Robert Gordon Kirkbride.....	Findlay
Kenneth Martin Kraus.....	Medina
Arnold Merle Krause.....	Shaker Heights
John Leonard Kyff, Jr.....	Seattle, Wash.
John Jay Lampus.....	Rocky River
Walter Edward Landor.....	Canton
Carl Hopkins Lee.....	Athens
Marvin Lee Leedom.....	Akron

William Louis Leonard.....	Columbus
Carol Perlmutter Luper.....	Buffalo, N. Y.
James Douglas Lyons.....	Parma Heights
Thomas Eugene Manuel.....	New Boston
Anthony Marinelli.....	Columbus
Thomas Darrah Massie.....	Portsmouth
Ronald Joseph Matik.....	Cleveland
Arthur Bernard Matthews, B.S. (Langston University).....	Columbus
John Robert McCormick.....	Lima
Gary Arthur Meier.....	Columbus
Carl Al Meyers.....	Hamilton
Larry Harold Miley.....	Galion
William Arthur Miller.....	Columbus
Robert Tavenner Millikin.....	Cincinnati
Raymond Lee Mitchell.....	Dayton
Harold Stanley Morgan.....	Columbus
William Quay Mull II.....	St. Clairsville
Robert Allen Neal.....	Columbus
Gene Erick Nelson.....	Bellefontaine
Diane Dombey Niermeyer.....	Columbus
John Harold Olin.....	Ashland
Glenn Arvilla Osborn.....	Johnstown
Rex Charles Percelle.....	Zanesville
Philip Michael Pillar.....	Fairport Harbor
Donald Eugene Poole.....	Columbus
James John Rice.....	Canton
John Steiner Roby.....	Mansfield
Richard Joseph Rodenfels.....	Columbus
Carolyn May Rudy.....	Columbus
Daryll Michael Sakada.....	Kettering
Philip Murray Scherer.....	Columbus
Ira Henry Schlezinger.....	Silver Spring, Md.
Gary Stanley Schweitzer.....	Youngstown
James Robert Shively.....	Dayton
David Delbert Sidaway.....	Valley City
William Lee Slough.....	Findlay
Harley LeRoy Snyder.....	Wooster
Robert Scott Stephens.....	Shelby
Robert William Stern.....	Shaker Heights
Jerry Franklin Stout.....	Columbus
Larry Alan Struckmeyer.....	Orrville
David William Thomas.....	Cleveland Heights
Willard Stephen Thomas.....	Cadiz
Douglas Johnson Thorne.....	Columbus
Brent Elliott Tyrrell.....	North Miami Beach, Fla.
William Wayman Wade.....	New Philadelphia
Alan Jon Wainio.....	Perry
Ross William Walker.....	Plain City
James John Weber.....	Columbus
Lawrence John Weber.....	Rocky River
David George Wedell.....	Shreve
William Wallace Wells.....	Fairborn
Philip Joseph Wentzel.....	Columbus
William Jess Wetmore.....	Ashtabula
Paul Eugene Wolfe.....	Canton
Michael Edward Ziarko.....	Steubenville

(One hundred and seven candidates)

**Bachelor of Science  
in Social Welfare**

Sheila Ann Black.....	Defiance
Karlene Kay Gans.....	Galion
Iona DeHaw Johnson.....	Columbus
Judy Lee Kelchner.....	Columbus
Ned Merrill McLaughlin, Jr.....	Dayton
Pamela Oldham Moyer.....	Newark
Patricia Morganski Petry.....	Whitehall
Margaret Spires Schlueb.....	Columbus
Betty Lou Schwartz.....	Valley City
Arlene Phyllis Slotsky.....	Pittsburgh, Pa.
Larry P. Turner.....	Milan
Joyce Lynn Weinberger.....	Cleveland

(Twelve candidates)

# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Lou Ann Anderson	Kenton
Dianne Davis Annis	Columbus
Judith Miller Ashworth	Eaton
Rebecca Howarth Bailey	Columbus
Helen Cookerly Baker	Worthington
Judith Fogle Barnhart (cum laude)	Canal Winchester
Mary Ann Beckman	Ashtabula
Carole Reinhart Benkel	Canton
Deborah Berry	Columbus
Helen Elizabeth Biermann	Piqua
Kenneth Joseph Binzer	North Ridgeville
Kay Parrott Bishop	Marysville
Lyda Key Bogart	Columbus
Walter Benson Bohl, B.S. (Capital University)	Columbus
Bonnie Sue Borges	Bay Village
Carol Joan Bossart	Columbus
Richard Brazik	Bay Village
Marilyn Gail Brofman	Cleveland Heights
Bonita Louise Bronish	Lakewood
Susan Cornell Burr	Columbus
David Kenwood Campbell	Urbana
Gale Ellen Campbell	Columbus
Annetta Lou Carter (cum laude)	Bellefontaine
Audrey Joanne Cedargren	Columbus
Elizabeth Waldkoetter Cennamo	Columbus
Barbara Jean Clark	Columbus
Thomas Charles Clemens	Hopedale
Diana Flinn Cobaugh	New Carlisle
Linda Turley Cochran	Carrollton
Susan Brubaker Coder	Marysville
Henry Collins	Berea
Carol Annette Cope	Cadiz
Kenneth Devers Corbus	Cuyahoga Falls
Robert Morris Cox	Lithopolis
James Olin Criswell (cum laude)	Worthington
Edgar William Cuppy	Columbus
James Patrick Curran, Jr.	Dayton
Grover Craig Curry	Columbus
Mary Gunkelman Dalglish	Medina
Michael Edward Davis	Columbus
Keldon Lee Day	Gahanna
Donald Eugene DeVoe	Sabina
Robert Franklin DeVoe	Greenfield, Ind.
Annette Marie D'Isa	Mt. Gilead
Larry Richard Drees	Columbus
Louise Ellen Drum (cum laude)	Columbus
Janice Isabel Drumm	Columbus
Terry Cowan Edwards	Barberton
Judith Paula Eppstein	Youngstown
Carol Allen Ferguson	Shadyside

Judy Ann Ferguson..... Cincinnati  
 Helen Van Arsdale Fisher..... Columbia Station  
 Sanford Bernard Fishman..... Elyria  
 David Lee Francis..... Columbus  
 Alice Jayne Galloway..... Stewart  
 Phillip James Gardner..... Worthington  
 Richard Joseph Geyer..... Columbus  
 Opal Lump Gire..... Chillicothe  
 Mollie Love Goreff..... Columbus  
 Mary Ann Gorick..... Solon  
 Pauline Lucille Griffin..... Norwalk  
 Jessie Corlyene Gunn..... McKees Rocks, Pa.  
 Suzanne Welch Hamiel..... Columbus  
 Rebecca Anne Hamrick..... Mansfield  
 Ann Wagenbrenner Hancock..... Columbus  
 Marcia Marion Harp..... Barnesville  
 Karen Gail Harrison..... Sandusky  
 Louise Elaine Hasseman..... Dalton  
 Kenneth Edwin Hay..... Grove City  
 Mary Ethel Heffron..... Columbus  
 Carolyn Hootman Heintz..... Walbridge  
 \*Cheryl Ann Hendricks..... Columbus  
 Linda Lou Herrnstein..... West Jefferson  
 Robert Miller Hiatt..... Columbus  
 Margaret Talitha Hill (summa cum laude)..... Caldwell  
 Virginia Mae Hill..... Columbus  
 Jean Anne Hofstetter..... Orrville  
 JoAnn Hoover..... Westerville  
 Ralph Ray Hoover, Jr..... Warren  
 Twila Hammons Howarth..... Columbus  
 Georgia Jean Ihnat..... Lakeside  
 Jean Claire Johnson..... Oberlin  
 Patricia Marble Jones..... Cuyahoga Falls  
 Stephanie Lorber Karger, A.B. (Brandeis University)..... Waltham, Mass.  
 Joanne Lee Kass..... Toledo  
 \*Mark Dana Keller..... Bucyrus  
 Phillip Eldon Kenney..... Kettering  
 Margaret Kinford Knepper..... Newton Falls  
 Pollyanna Jacobs Knox..... Euclid  
 David Oiney Koblentz..... Columbus  
 Edward Louis Kossoff..... South Euclid  
 Anastasia Skufis Kourlas..... Columbus  
 Rosemary Randall Kurtz (summa cum laude)..... Parma  
 Joyce Leis Lee..... Springfield  
 Dianne Beverly Levin..... Dayton  
 Patricia Kay Lewis..... Galion  
 Joan Stanbridge Lomax..... Edmonton, Alta., Canada  
 Nancy Blasier Lottman (cum laude)..... Columbus  
 Peggy Binns Maass..... Dayton  
 Rita Ellen Martin..... Columbus  
 Russell Fielden Marx..... Columbus  
 Carol Joyce May..... Cleveland  
 Janice Faye McBride..... Chillicothe  
 Mary Alice McClelland..... Waverly  
 Robert Duane McInturf..... Athens  
 Patrick Wilson McLeod II..... Fairfield

\* Two degrees

Joyce Louise Melsop.....	Columbus
Jeannine Ann Moneymaker.....	Columbus
Suzanne Rhodes Moore.....	Columbus
Egbert Sweyne Musick.....	Columbus
Lynne Carol Naples.....	Amherst
Byron Albert Naum, B.Sc. in Bus.Adm.....	Columbus
Judy Moseley Nemeth.....	Columbus
Sybil Ann Norman, B.A. (Lake Erie College).....	Zanesville
Thomas Michael Nozica.....	Powhatan Point
Charles Russell Osborne.....	Waldo
George Bardell Pajer IV.....	Lorain
Maria Elena Perez.....	Columbus
Kenneth Arthur Peters.....	Cincinnati
Brenda Norman Phillips.....	Louisville, Ky.
Robert Norman Phillips, A.B. (Oberlin College).....	Granville
Mary Ann Rinehart Pond.....	Perrysburg
Gary Dean Porterfield.....	Worthington
Kenneth Steven Price.....	Lexington
Linda Dorn Ramseyer.....	Columbus
Mary Mueller Ratliff (cum laude).....	Columbus
Rita Eileen Redkey.....	Columbus
Adrienne Bonnie Resnick.....	Cleveland
Judith Sullivan Revenaugh.....	Mt. Vernon
Robert Watson Riegler.....	Columbus
Ardath Selanders Roberson.....	Ashley
Richard Joseph Roper.....	Pemberville
Ann Elaine Roush.....	Hillsboro
Linda Jean Russell.....	Columbus
James Michael Saad.....	Tiffin
Lorraine Theresa Scheu.....	Lancaster
Joan Elizabeth Schwyer.....	Canton
JoAnne Settles, B.A. (cum laude).....	Columbus
Carolyn Kay Shaw.....	Columbus
Ralph Garrett Smith, B.A. (Lincoln Bible Institute).....	Columbus
Susan Julia Spencer.....	Canton
Mandell Nevin Sperling.....	Canton
Thomas Ronald Springer.....	Lima
Glenna Joyce Spurlock.....	New Boston
Marilyn Sue Steinmetz.....	Canton
Karen Lea Stout.....	Worthington
Margaret Ann Streeter.....	Columbus
Patricia Ann Szoke.....	South Euclid
Barbara Lee Tambakis.....	Columbus
Carol Young Tepe.....	Cincinnati
George Henry Thompson II.....	Columbus
Dorothy Spencer Tish.....	New Waterford
Patricia Ann Traynor.....	Beach City
Susan Mary Van Arsdale.....	Columbia Station
Jane Elizabeth Van Horn.....	Dayton
Caroline Vanneter.....	Columbus
Roy Vercruysse.....	East Meadow, N. Y.
Ardith Ann Wagner.....	Cincinnati
Carole Marcy Waldman.....	Pittsburgh, Pa.
Janice Ann Waters.....	Marysville
Susan Ernsberger Weber.....	Cincinnati
Priscilla Weed.....	Cincinnati

Barbara Jane Weisend.....	Columbus
Robert Jay Weiser.....	Cleveland Heights
Charles Lucius White.....	Chillicothe
Elizabeth Cox White.....	Columbus
Paula DiPaolo White.....	Columbus
Forrest Weston Williamson, A.B. (Denison University)...	Arlington, Mass.
Curtis French Wilson, Jr.....	Columbus
Martha Belleson Wright.....	Sinking Spring
Rairdon Young.....	Columbus
Larry Ray Zedaker.....	Antwerp
Kay Deetz Zehnder.....	Sugarcreek
Lizbeth Louise Zirkel.....	Huntington Station, N. Y.
James Edward Zucker.....	Shaker Heights

(One hundred and seventy-five candidates)

#### Bachelor of Fine Arts

Joanne Edith Bertz.....	Cadiz
Joe Lewain Cavalier.....	Columbus
Arthur Franklin Cecil, Jr.....	Lebanon
William Anthony Dascenzo.....	Columbus
Susan Henrietta Davis.....	Columbus
Randall Edward Dunkle.....	Steubenville
Edward Joseph Feltz.....	Dayton
James Elmo Fox.....	Belpre
Ilme Konsen.....	Cleveland Heights
Phillip Lawrence Matson.....	Dayton
William Field McWhorter, Jr.....	Columbus
Tressa Lee Ruslander.....	Dayton
Robert Frederick Schwartz.....	Columbus
Dennis Michael Swank.....	Columbus
Richard Allan Weisheimer.....	Columbus
Doris Jean Zabawa.....	Manville, N. J.

(Sixteen candidates)

#### Bachelor of Science in Occupational Therapy

Bettie Jean Dias.....	Cincinnati
Barrie Ganch Galvin.....	Toledo
Judith Gertrude Hamm.....	Castleton, N. Y.
Judith Lynn Roehrs.....	Defiance

(Four candidates)



# COLLEGE OF ENGINEERING

Acting Dean: MARION L. SMITH

## Bachelor of Aeronautical and Astronautical Engineering

Curtis Sponsler Burns.....Delaware

(One candidate)

## Bachelor of Agricultural Engineering

Robert Carleton Belt.....Mt. Sterling

William Eugene Mitchell.....Mt. Gilead

(Two candidates)

## Bachelor of Ceramic Engineering

Frederick Robert Glander.....West Alexandria

\*William Thomas Moore.....Westerville

(Two candidates)

## Bachelor of Civil Engineering

George William Atkinson.....Columbus

Robert Oran Brenner.....Mansfield

James Howard Cash.....Strongsville

Larry Edward Foraker.....Caldwell

John Benjamin Games.....West Union

Robert Kenneth Graham.....Newark

Ronald Alan Huff.....Carrollton

Harold Herbert Slater, Jr.....Wooster

Dennis Weaver Tuttle.....Crestline

(Nine candidates)

## Bachelor of Electrical Engineering

Howard Larry Chubb.....Ney

Stephen Clayton Compher.....Chillicothe

Charles Richard Donohoe.....Zanesville

John Edward Freeland, Jr.....Jackson

Robert Charles Gilberg.....New Bremen

\*Richard Leighton Gregg (summa cum laude).....Nevada

Philip Thomas Hufford.....Frankfort, Ind.

Dwight Ellsworth King.....Bascom

Donald Martin Mains.....Galion

David Barringer Rensch.....Dayton

Robert Davenport Streeter.....Columbus

(Eleven candidates)

## Bachelor of Industrial Engineering

William Scott Carson.....Swanton

John Donnenfeld.....Brooklyn, N. Y.

Donald Joseph Gantzer.....Columbus

Michael Shane Heschel.....Fremont

Robert Reese Safford, Jr.....Columbus

Walter Dominic Stapor.....Bay Village

(Six candidates)

\* Two degrees

### **Bachelor of Mechanical Engineering**

David Cecil Anderson.....	Toledo
Marvin Howard Bantell, Jr.....	Newark
Benjamin Matthias Bartilson.....	Beallsville
David Edward Bartrum.....	Berea
Jon Douglas Baughman.....	Bedford
Robert Harold Fuller.....	Columbus
John Lewis Gensler.....	Toledo
Ronald Edwin Kissell.....	Newark
Philip Kreis Loyer.....	Marion
Jon David Parisen.....	Berea
Jack Vernal Russell.....	Lyndhurst

(Eleven candidates)

### **Bachelor of Science in Physics**

Bruce William Dobras.....	Lorain
Arthur Ray Elsea, Jr.....	Columbus
Russell Lee McCally.....	Warren
James Loring Smith.....	Columbus

(Four candidates)

### **Bachelor of Welding Engineering**

Carl Bruce Borchers.....	Xenia
Charles Alvin Butler (summa cum laude).....	Westerville

(Two candidates)

# COLLEGE OF LAW

Dean: FRANK R. STRONG

## Juris Doctor

Nancy Etta Ralston, B.A. (College of Wooster); M.A.T. (Duke University)  
Niles

(One candidate)

## Bachelor of Laws

Kenneth David Beck, B.Sc. in Bus.Adm.....Columbus  
Lawrence Henry Braun, B.S.C. (Ohio University).....Cleveland  
Paul James Dunn, B.A. (Catholic University of America).....Tiffin  
Joseph Edward Foreman, B.A. (Ohio Wesleyan University)....Wadsworth  
Richard Alan Hall, B.Sc. in Bus.Adm.....Chillicothe  
Martin Mathias Heberling, B.Sc. in Bus.Adm.....Dayton  
John Joseph Heron, B.Sc. in Bus.Adm.....Steubenville  
Oliver Charles Hosterman, B.Sc.....Columbus  
Franklin Joseph McCown, B.S. in Bus. (Miami University).....Ironton  
David Lee Sterling, B.A., M.A., Ph.D. (New York University)....Columbus  
Thomas Leo Twyford, B.Sc. in Bus.Adm.....Steubenville  
Byron Lamar Vickery, B.A.....Columbus

(Twelve candidates)

# COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

## Bachelor of Science in Medical Dietetics

Martha Isabelle Ross.....Willoughby

(One candidate)

## SCHOOL OF NURSING

### Bachelor of Science in Nursing

Linda Louise Baker.....Clayton

Mary Ann Carr Bostdorff (summa cum laude).....Bowling Green

Judith Carol Breese.....Lima

Karen Jeanne Clifford.....Youngstown

Sue Vickers Crawfis.....Springfield

Nancy McConkey Kenney.....Malta

Diane Scheidegg.....Gatun, Canal Zone

Ann Copeland Smith (summa cum laude).....Mt. Carmel, Conn.

Johanna Krosec Van Teslaar.....Barberton

Joan Emily Wilson.....Plainfield, N. J.

Judy Whitlock Wilson.....Barrington, Ill.

(Eleven candidates)

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, January 14, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, January 14, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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The Chairman, Mr. Rairdon, announced that President Fawcett was admitted to University Hospital on Wednesday, January 13, for treatment of a severe upper respiratory infection. He advised that reports from the Hospital indicate that the President is responding favorably to treatment and is expected to be completely recovered in a short time. In President Fawcett's absence, Vice President Weaver will present those recommendations related to the instructional program of the University and Vice President Carson will present those recommendations related to the business operation of the University.

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Vice President Weaver presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Definition of Named Chairs and Professorships and Establishment of the "Everett D. Reese Professorship of Banking and Economics" and the "James R. Riley Professorship of Transportation and Business Logistics"

One of the major projects of the Presidents Club of The Ohio State University is the securing of funds to enable the University to enhance its goal for establishing named chairs and professorships. A "named chair" is a position to which a distinguished scholar and/or researcher from within or without the faculty of the University will receive a continuing appointment. The salary for the incumbent of a "named chair" will be fully underwritten by income in perpetuity from endowment funds. A "named professor" is a position to which a distinguished scholar and/or researcher from within or without the faculty of the University will be appointed for a designated period and will be supported for said period in part by endowment funds or gifts. In order to establish a named professorship for any year, an amount no less than \$5,000.00 in endowment income or gifts in support of the salary of the "named professor" for that year must be guaranteed. It should be noted that a "named professor" may also be fully supported by gifts on a year-to-year basis.

By previous action, the Board of Trustees has established: The Charles Austin Doan Chair of Medicine, The Robert M. Zollinger Chair of Surgery, the Julius F. Stone Professorship, the Ralph D. Mershon Professorship, and the Battelle Professorship in Metallurgy.

It is with great pleasure that it is now announced that the University has received two generous gifts which will provide sufficient funds for the establishment of two named professorships in the College of Commerce and Administration, and it is therefore recommended that the "Everett D. Reese Professorship of Banking and Economics" and the "James R. Riley Professorship of Transportation and Business Logistics" be established effective as of this date.

I. GENERAL RECOMMENDATIONS (continued)

A. Definition of Named Chairs and Professorships and Establishment of the "Everett D. Reese Professorship of Banking and Economics" and the "James R. Riley Professorship of Transportation and Business Logistics" (continued)

Each of the above-named professorships will enable the University to appoint nationally recognized distinguished scholars in the fields as indicated. The establishment of these professorships will materially assist the University in building faculty of distinction in critical areas of contemporary scholarship and policy analysis. Specifically, the person selected for the Everett D. Reese Professorship is expected to be a scholar in the areas of monetary economics, banking, and finance; and he will hold academic appointments in the Departments of Business Organization and Economics. The James R. Riley Professorship provides for the appointment of a scholar in the areas of transportation, physical supply, and physical distribution; and the incumbent will be appointed in the Department of Business Organization. The creation of the James R. Riley Professorship will also provide added support for the recently established doctoral specialty in business logistics.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Board of Trustees by unanimous roll call vote approved the establishment of the "Everett D. Reese Professorship of Banking and Economics" and the "James R. Riley Professorship of Transportation and Business Logistics."

B. Proposal to Establish New Degree Programs--Doctor of Philosophy in Linguistics, Master of Fine Arts, and Master of Music

The Faculty Council on December 8, 1964, upon the recommendation of the Council on Instruction approved for transmittal to the Board of Trustees and the Board of Regents the following recommendations:

1. That the Graduate School be authorized to grant the degree-- Doctor of Philosophy in Linguistics.

Linguistics is an important discipline that contributes significantly to the instructional and research programs of related disciplines, such as anthropology, mathematics, philosophy, and psychology, which are especially concerned with the various aspects of languages. At the present time, The Ohio State University has the staff, students, library holdings, and research resources to offer a Ph. D. in Linguistics, and it has been designated by the other Big Ten universities and the University of Chicago (CIC universities) as the university well qualified to specialize in the development of linguistics. The proposal to offer a Ph. D. in Linguistics is an effort to comply with this designation and to maintain a position of distinction in linguistics among the major universities of this Nation.



January 14, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Proposal to Establish New Degree Programs--Doctor of Philosophy in Linguistics, Master of Fine Arts, and Master of Music (continued)

2. That the Graduate School be authorized to grant the degree--Master of Fine Arts.

The proposed Master of Fine Arts degree is planned for those graduate students desiring to study in studio fields of the School of Art, and it is specifically designed to provide: (a) professional competency in one major field of specialization--ceramics, graphics, painting, or sculpture; (b) competency in a related studio discipline within the School; (c) competency in one academic field within or outside the School. The introduction of the M.F.A. degree will serve to broaden and enhance the potential for professional training in these fields within the State of Ohio. The new program can be accomplished without the addition of physical facilities or staff.

3. That the Graduate School be authorized to grant the degree--Master of Music.

The Master of Music degree is planned for those graduate students who are professional musicians and college teachers who desire to develop a high degree of competency in performance, composition, and church music. The proposed degree parallels similar degree programs at other major universities and will provide necessary leadership in the graduate programs in musical performance in the State of Ohio. No expansion in facilities or staff is required for this new degree program.

It is therefore recommended that the above proposals for new degrees be approved by the Board of Trustees, and that pursuant to Section 3333.04 Revised Code of Ohio that they be forwarded to the Ohio Board of Regents; and further, that subject to the approval of the Board of Regents that this action is to become effective Summer Quarter 1965.

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

C. Transfer of Department of Occupational Therapy from the College of Education to the College of Medicine

The Council on Instruction and the Faculty Council have approved the requests of the Colleges of Education and Medicine to transfer the Department of Occupational Therapy and its program from the College of Education to the College of Medicine. This transfer is designed to bring into the College of Medicine the degree programs and departments directly related to the health sciences.

January 14, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Transfer of Department of Occupational Therapy from the College of Education to the College of Medicine (continued)

It is therefore recommended that effective July 1, 1965, the Department of Occupational Therapy and its degree program be transferred to the College of Medicine for administrative purposes.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote approved the transfer of the Department of Occupational Therapy from the College of Education to the College of Medicine.

D. Change in Procedure for Payment of Fees for Third- and Fourth-Year Medical Students

To improve the instructional program for the students enrolled in the College of Medicine, the faculty of the College of Medicine with the approval of the Council on Instruction, has recommended a year-round program of courses for third- and fourth-year medical students, beginning with the third-year students Summer Quarter 1965.

It is therefore recommended that the student fees for third- and fourth-year medical students on this new program (\$735 for resident students and \$1,230 for non-resident students) be assessed on an annual basis rather than a quarterly basis, payable in two installments, June 15 and December 15.

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

E. Authorization to Become a Member of the Non-Profit Governing Board of the Argonne National Laboratory

For a number of years The Ohio State University has been an active participant in two midwestern organizations concerned with the university scientific service functions of Argonne National Laboratory and high-energy physics programs; these two groups are AMU (Associated Midwest Universities) and MURA (Midwestern Universities Research Association).

At the present time, the major midwestern universities are entering into an agreement to form a non-profit corporation to formulate and review the laboratory policies and programs of Argonne Laboratory and to open to the scientists of the midwest sophisticated laboratory resources beyond the reach of any single institution. This new corporation will hopefully replace the service function of the other two groups and achieve a scientific posture in the midwest region that will not only increase our existing strength but will also aid in the recruitment of scientists and the retaining of distinguished people now engaged in work in this area. The Ohio State University, as a leading university in the midwest, has been invited to be a sponsoring member of this new governing body. A condition, as of most such associations, is an annual assessment for the operation of the organization.

I. GENERAL RECOMMENDATIONS (continued)

E. Authorization to Become a Member of the Non-Profit  
Governing Board of the Argonne National Laboratory (continued)

It is recommended that the President be authorized to notify the organizing board of the non-profit corporation of Argonne Laboratory that The Ohio State University accepts the invitation to become a member of this sponsoring group and, for its share of the assessment for operation, will allocate a sum of \$10,000.00, which may be increased up to but not to exceed \$25,000.00, from the University Treasurer Research Subaccount (f) fund for this membership assessment, if and when requested and needed.

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

F. Modifications of Campus Master Plan

The Board of Trustees on February 16, 1962, adopted a master plan for the future development of the campus by approving the "Report of the President on the 'Campus Planning Study--Phase II,'" This plan was later modified at the May 18, 1962 and July 17, 1964 meetings of the Board of Trustees.

At the time of adopting the master plan, the Board of Trustees anticipated the need for modification from time to time and established certain principles and concepts to govern such modifications.

This revised map incorporates the results of a restudy of the North Neil Avenue area by the Office of Campus Planning and shows correct locations and configurations of residence halls to be constructed southwest of the Stadium. All of the changes are consistent with principles and concepts approved on February 16, 1962.

It is recommended that the Board of Trustees now approve the master plan changes as depicted on the attached map, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the attached map be reaffirmed, and that a copy of the attached map be filed by the Secretary with the "Campus Master Planning Study--Phase II" report submitted on December 12, 1961.

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

G. Demolition of Buildings

The Board of Trustees on November 10, 1961, granted authority to demolish buildings on newly acquired land to clear sites for the new residence halls and related facilities north of Woodruff Avenue. Similar action was taken on July 17, 1964, with respect to clearance of the site for the expansion of the College of Medicine facilities. In each instance, the Board specified that the demolition of each structure was to be scheduled at the discretion of the Vice President for Business and Finance, subject to approval by Cabinet.

January 14, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Demolition of Buildings (continued)

The master plan for campus development provides for limited land acquisition in other areas for specified purposes, and in one instance (the Campus Loop Road) the General Assembly has appropriated money which can be used for right-of-way acquisition. The structures on all lands to be acquired under the master plan are of such nature that they must be demolished to clear the land for its intended University use. In some instances, however, some brief interim use of structures may be of advantage to the University. Thus, the exact timing of any given demolition depends upon administrative judgment.

It is now recommended that authority be granted to demolish any and all structures on lands acquired by the University in the implementation of its master plan, with the demolition in each case to be scheduled by the Vice President for Business and Finance, subject to Cabinet approval.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the December 10, 1964 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Ian Gregory, Professor and Chairman, Department of Psychiatry, effective April 1, 1965, at a salary of \$24,168.00 per annum.

Naurine R. Higgins, Professor and Assistant Director for Home Economics in the Cooperative Extension Service and Professor in the School of Home Economics, effective June 1, 1965, at a salary of \$15,168.00 per annum.

Larry Catuzzi, Assistant Football Coach, Department of Athletics, effective February 1, 1965, at a salary of \$10,968.00 per annum.

January 14, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

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 is recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

T. Roy Bogle, Instructor (County Extension Agent, 4-H)  
Coshocton County, January 1, 1965 through March 15, 1965,  
to participate in a program of professional improvement at  
The Ohio State University.

C. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Agricultural Engineering,  
January 1, 1965 through December 31, 1965, to serve as a  
consultant at the Punjab Agricultural University in India under  
the Ford Foundation grant.

John G. Daunt, Professor, Physics, January 1, 1965 through  
September 30, 1965, to accept a Visiting Professorship at  
Columbia University.

Ralph W. Sherman, Professor (part time - 46%), Agricultural  
Economics and Rural Sociology, February 1, 1965 through  
May 31, 1965, to conduct a study in Costa Rica for the Weitz-  
Hettelsater Co., Kansas City, Missouri.

Ilse Lehiste, Associate Professor, Slavic Languages and  
Literatures, April 1, 1965 through June 30, 1965, to accept a  
Visiting Professorship at the University of Cologne and to attend  
the International Congress of Finno-Ugricists in Finland.

Daniel I. Padberg, Assistant Professor (part time - 54%),  
Agricultural Economics and Rural Sociology, February 1, 1965  
through June 30, 1965, to conduct a study for the National  
Commission on Food Marketing, Washington, D. C.

Louis W. Stern, Assistant Professor, Business Organization,  
January 1, 1965 through September 30, 1965, to accept a position  
with the National Commission on Food Marketing as a staff economist.

Fred K. Buscher, Instructor (Area Extension Agent, Horticulture),  
Cooperative Extension Service, effective February 1, 1965 through  
March 15, 1965, to participate in a program of professional improve-  
ment at The Ohio State University.

Margaret A. Goode, Instructor, School of Nursing, January 1, 1965  
through March 31, 1965, due to ill health.

II. PERSONNEL CHANGES (continued)

D. Emeritus Titles

Wendell D. Postle, College of Dentistry, with the title Dean Emeritus, effective January 1, 1965.

Ralph B. Neiswander, Zoology and Entomology, with the title Professor Emeritus, effective January 1, 1965.

George B. Ganyard, Cooperative Extension Service, with the title Instructor (County Extension Agent, Agriculture) Emeritus, effective February 1, 1965.

Upon motion of Mr. Loop, seconded by Mr. Bricker, the Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved unanimously by roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Mosquito Studies (to be known as National Institutes of Health Project No. 702 - Ext. #8 - Department of Zoology and Entomology).  
Gross Value - \$22,212.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Phospholipide Metabolism in Relation to Cell Division (to be known as National Institutes of Health Project No. 911 - Grant Rev. 12/17/64 - Institute of Nutrition and Food Technology).  
Gross Value - \$790.00.

January 14, 1965 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)

- c. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Significance of Spore-Forming Microorganisms in Milk (to be known as Bureau of State Services Project No. 1046 - Ext. #5 - Department of Dairy Technology).  
Gross Value - \$14,315.00.
- d. Department of Navy, Office of Naval Research, Washington, D. C., for Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #10 - Defense Management Center).  
Gross Value - \$48,829.00.
- e. National Aeronautics and Space Administration, Washington, D. C., for an Investigation of Receiver Techniques and Detectors for Use at Millimeter and Submillimeter Wave Lengths (to be known as National Aeronautics and Space Administration Project No. 1093 - Sup. #4 - Department of Electrical Engineering).  
Gross Value - \$75,000.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218 - Ext. #4 - Institute of Nutrition and Food Technology).  
Gross Value - \$19,884.00.
- g. Department of Navy, Office of Naval Research, Washington, D. C., for Initiation of Basic Research on the Processes of Crystal Growth and Dissolution (to be known as Office of Naval Research Project No. 1386 - Amend. #6 - Department of Metallurgical Engineering).  
Gross Value - \$25,000.00.
- h. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as U. S. Atomic Energy Commission Project No. 1398 - Mod. #3 - Department of Chemistry).  
Gross Value - \$41,533.00.
- i. Department of Navy, Office of Naval Research, Washington, D. C., for Research on Mandarin Phonology (to be known as Office of Naval Research Project No. 1465 - Amend. #7 - College of Arts and Sciences - Linguistics Division).  
Gross Value - \$13,896.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Mechanism of Thyroid Hormone Action (to be known as National Institutes of Health Project No. 1516 - Sup. #1 - Department of Agricultural Biochemistry).  
Gross Value - \$3,399.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Genetic Analysis of Foulbrood Resistance (to be known as National Institutes of Health Project No. 1572 - Ext. #2 - Department of Zoology and Entomology).  
Gross Value - \$18,783.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Postmortem Survival of Fetal Liver (to be known as National Institutes of Health Project No. 1578 - Ext. #2 - Children's Hospital).  
Gross Value - \$26,811.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Respiratory Regulation of Heart Rate (to be known as National Institutes of Health Project No. 1591 - Ext. #2 - Department of Physiology).  
Gross Value - \$10,749.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Pharmacologic Effects Upon Single Nerve Cell Systems (to be known as National Institutes of Health Project No. 1626 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$17,958.00.
- o. National Science Foundation, Washington, D. C., for Research in Radio Astronomy (to be known as National Science Foundation Project No. 1907 - New - Department of Electrical Engineering).  
Gross Value - \$102,000.00.
- p. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Man-Machine Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 1933 - New - Department of Psychology).  
Gross Value - \$250,000.00.



January 14, 1965 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)

- q. U. S. Army Medical R&D Command, Office of the Surgeon General, Washington, D. C., for Studies of Maxillofacial Growth and Repair: Study by Electron-microscopy and Diffraction of Bone Mineralization (to be known as U. S. Army Medical R&D Command Project No. 1937 - New - College of Dentistry). Gross Value - \$17,364.00.
- r. Aerospace Medical Division, AFSC, Brooks Air Force Base, Texas, for an Investigation of Mechanisms of Hyperventilation CO<sub>2</sub> Transients During Recovery from Hyperventilation (to be known as Aerospace Medical Division Project No. 1938 - New - Department of Medicine). Gross Value - \$24,998.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research and Development of Aerospace Environmental Physiological Stresses (to be known as Systems Engineering Group, Research and Technology Division Project No. 1940 - New - Department of Preventive Medicine). Gross Value - \$7,500.00.
- t. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for 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 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$108,000.00.
- u. National Science Foundation, Washington, D. C., for an Investigation of Problems in Ergodic Theory (to be known as National Science Foundation Project No. 1942 - New - Department of Mathematics). Gross Value - \$18,600.00.
- v. Air Force Office of Scientific Research, United States Air Force, Washington, D. C., for an Investigation of 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. 1945 - New - Department of Chemistry). Gross Value - \$54,048.00.

January 14, 1965 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)

- w. Air Force Office of Scientific Research, United States Air Force, Washington, D. C., for Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946 - New - Department of Sociology and Anthropology).  
Gross Value - \$35,281.00.

TOTAL - Government Contracts - Federal \$956,950.00

2. Industrial and Other Contracts

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, for 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 - Ck. #179633 - Department of Surgery).  
Gross Value - \$1,080.00.
- b. Sundstrand Aviation-Denver, Division of Sundstrand Corporation, 2480 West 70th Avenue, Denver, Colorado, for Photogrammetric Measurements on a Solar Collector (to be known as Division of Sundstrand Corporation Project No. 1867 - Rev. #2 - Department of Geodetic Science).  
Gross Value - \$2,526.00.
- c. Kennecott Copper Corporation, Ledgemont Laboratory, Lexington, Massachusetts, for an Investigation of Oxidation of Niobium-Zirconium-Rhenium Alloys (to be known as Kennecott Copper Corporation Project No. 1939 - New - Department of Metallurgical Engineering).  
Gross Value - \$5,000.00.
- d. Organization for Economic Cooperation and Development, 2, rue Andre-Pascal, Paris, France, for Preparatory Work on the Problems of Utilization and Deployment of Highly Qualified Personnel (to be known as Organization for Economic Cooperation and Development Project No. 1944 - New - Department of Economics).  
Gross Value - \$3,000.00.

TOTAL - Industrial and Other Contracts \$11,606.00

The foregoing twenty-seven contracts for research in cooperation with Government, Industry and Other represent a gross income of \$968,556.00.

Upon motion of Mr. Davis, 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 unanimously.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from December 1, 1964 through December 31, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contract

EES 220      Development of Sonic and Ultrasonic Power Devices  
Ext. #3      for Application in Highway Engineering, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.  
Gross Value - \$148,800.00.

2. Industrial Research Contract

EES 230      Suitability and Potential Uses of Locally Produced Fly  
Ext. #1      Ash as an Admixture in Portland Cement Concrete, The Ohio Electric Utility Institute, Columbus, Ohio.  
Gross Value - \$20,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$168,800.00.

C. Agency for International Development--Contracts for Agricultural Program in India

Pursuant to the authority of the Board of Trustees, The Ohio State University has been under contract with the U. S. Department of State (Agency for International Development) since September 12, 1955, to assist with the development of a program of agricultural education and research in India. During this nine-year period, members of the faculty and administration of this University have provided the technical advice and counsel which has led to the establishment of the University of Udaipur and the Punjab Agricultural University. The Ohio State University has been requested to assist in the continuing development of the above two universities through the execution of separate contracts applicable for each of the two universities which provide for the full reimbursement to the University for all direct and indirect costs incurred by the University for this project.

It is therefore recommended that the President be authorized to sign two new contracts with the Agency for International Development to render the services indicated above (No. AID/nesa-147--Punjab and No. AID/nesa-148--Udaipur).

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote authorized the President to sign the contracts between The Ohio State University and the Agency for International Development for technical assistance to the University of Udaipur and the Punjab Agricultural University.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since December 10, 1964, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$28,955.00 granted by the National Science Foundation to the University for support of a "Secondary Science Training Program" under the direction of Dr. Arnold E. Ross, Department of Mathematics. This grant terminates October 31, 1965. (GE-7665)
2. \$20,980.00 granted by the National Science Foundation to the University for support of "Advanced Science Seminar in Experimental Techniques in High-Speed Aero and Gasdynamics" under the direction of Professor E. S. Fishburne, Department of Aeronautical and Astronautical Engineering. This grant terminates September 30, 1965. (GE-7778)
3. \$18,380.00 granted by the National Science Foundation to the University for support of a "Secondary Science Training Program" under the direction of Professor Paul T. Yarrington, College of Engineering. This grant terminates October 31, 1965. (GE-7371)

TOTAL - Through the Office of Business and Finance \$68,315.00

B. Received Through the Development Fund

1. \$25,444.13 in securities from Nelle Stratton Davis (Mrs. Lewis J.), Galion, Ohio, for the Lewis J. Davis and Nelle Stratton Davis Fund. These securities were added to the University Treasurer Endowment.

Lewis J. Davis and Nelle Stratton Davis Fund

The Lewis J. Davis and Nelle Stratton Davis Fund was established December 7, 1964, by a gift from Nelle Stratton Davis in memory of her late husband, Lewis J. Davis.

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

The income is to be used for any appropriate purpose as recommended by the Chairman of the Department of Business Organization with the concurrence of the Dean of the College of Commerce and Administration.

In the event that the College of Commerce and Administration and the Department of Business Organization as they now exist 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 purposes as nearly akin as possible to the original purpose herein stated, as recommended by the appropriate administrative officials of the University then directly responsible for education in the area originally contemplated in establishing this Fund.

January 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

2. \$22,834.00 from the General Motors Company, Detroit, Michigan, for the General Motors Scholarship Fund.
3. \$22,650.00 in securities from Everett D. Reese, Columbus, Ohio, for support of the Everett D. Reese Professorship in Banking and Economics. These securities were added to the University Treasurer Endowment.
4. \$20,000.00 by a bequest under the Will of Charles E. Shanely, deceased, for the Charles E. Shanely Scholarship Fund.

Charles E. Shanely Scholarship Fund

The Charles E. Shanely Scholarship Fund was established December 3, 1964, by a bequest in the Last Will and Testament of Charles E. Shanely, B.A. '29.

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

The income is to be used for scholarships for needy students, the stipends to be paid directly to said students.

In case the need for such scholarships ceases to exist or so diminishes as to create unused income, then said Board of Trustees may use said income for any appropriate University purpose in its discretion.

5. \$10,576.04 from Crocker-Citizens National Bank, San Francisco, California, representing a partial payment of a bequest under the Will of Mona Fay Gee, B.Ph. '97, for the Eugene C. Gee and Mona Fay Gee Memorial Fund.

Eugene C. Gee and Mona Fay Gee Memorial Fund

The Eugene C. Gee and Mona Fay Gee Memorial Fund was established December 1, 1964, by a bequest from Mona Fay Gee, B.Ph. '97, in memory of her deceased husband, Eugene C. Gee, M.E. in E.E. '97, herself and her father and mother, Dr. David C. Fay and Mrs. Mary A. Fay.

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

The income is to be used for the purposes specified in paragraphs (a) and (b), as follows:

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. Eugene C. Gee and Mona Fay Gee Memorial Fund (continued)

(a) Two-thirds (2/3) of the income from said memorial fund shall be used for the establishment, support, and maintenance of one or more scholarships in the Department of Electrical Engineering of The Ohio State University, Columbus, Ohio, as the Board of Trustees of The Ohio State University may designate from time to time. Each scholarship so established shall be known as the "Eugene C. Gee and Mona Fay Gee Scholarship" (in memory of my now deceased husband, Eugene C. Gee, and myself), and shall be filled from time to time by a student in the Department of Electrical Engineering of The Ohio State University who shall be selected by the Board of Trustees of The Ohio State University and who shall hold said scholarship upon such conditions as the Board of Trustees of The Ohio State University may prescribe.

(b) One-third (1/3) of the income from said memorial fund shall be used for the establishment, support, and maintenance of one or more scholarships in the College of Medicine at The Ohio State University, Columbus, Ohio, as the Board of Trustees of The Ohio State University may designate from time to time. Each scholarship so established shall be known as the "Dr. David C. Fay and Mrs. Mary A. Fay Scholarship" (in memory of my father and mother, Dr. David C. Fay and Mrs. Mary A. Fay), and shall be filled from time to time by a student in said College of Medicine of The Ohio State University who shall be selected by the Board of Trustees of The Ohio State University and who shall hold said scholarship upon such conditions as the Board of Trustees of The Ohio State University may prescribe.

Should the need for scholarships as provided herein cease to exist or so diminish as to create unused income, then the Board of Trustees of The Ohio State University may use said income in its discretion, for any purpose whatsoever; preference, however, to be given to items in the field of electrical engineering or medicine.

6. \$10,021.50 in securities from John G. McCoy, President, The City National Bank & Trust Company, Columbus, Ohio, to be added to the fund for the construction of a new residence for the President.
7. \$9,000.00 from John C. Fergus and Robert H. Fergus for the Corwin A. Fergus Memorial Fund.
8. \$7,000.00 from James R. Riley, Columbus, Ohio, for support of the James R. Riley Professorship of Transportation and Business Logistics.
9. \$5,000.00 from The Allyn Foundation (Stanley C. Allyn) to be added to the fund for the construction of a new residence for the President.

January 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$4,800.00 from Herbert L. Fenburr for the Herbert L. Fenburr Laboratory in Chemical Engineering.
11. \$4,000.00 from the Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey, for graduate fellowships for 1964-65.
12. \$3,600.00 from The Charles Taylor's Sons Company, Cincinnati, Ohio, for a fellowship in ceramic engineering.
13. \$3,600.00 from American Zinc Institute, Inc. for American Zinc Institute Fellowship Fund.
14. \$3,500.00 from Donald C. Power for the Donald C. Power Fund for the College of Law.
15. \$3,493.55 from the Midwest Foundation for Research and Education for the Midwest Foundation for Research in Education in the College of Medicine.
16. \$3,375.00 from Leo W. Lorbach and Irma Gehres Lorbach for the Joseph L., Leo W., and Irma Gehres Lorbach Fund.
17. \$3,000.00 from the Arline and Thomas Patton Foundation for The Thomas F. Patton Fund for the College of Law.
18. \$3,000.00 from General Motors Corporation for grant-in-aid for the Department of Metallurgical Engineering.
19. \$2,744.00 from Mrs. Edna McKell for the Ophthalmology Teaching Fund.
20. \$1,912.50 in securities from Robert M. Critchfield, Pontiac, Michigan, to be added to the fund for the construction of a new residence for the President.
21. \$1,396.79 from the Tipp City Rotary Club, Tipp City, Ohio, to establish the Mary Neal Student Loan Fund.
22. \$1,006.50 from Alan B. Loop to be credited to the College of Law Student Financial Aids Fund.
23. \$1,000.00 from Max M. Fisher for the Presidents Club Account.
24. \$1,000.00 from Jesse F. Jelenko, Jr. for the Jesse Jelenko, Jr. Dental Student Loan Fund.
25. \$1,000.00 from Howard E. LeFevre for the Presidents Club Account.

January 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

26. \$1,000.00 from Alex Schoenbaum for the Presidents Club Account.
27. \$1,000.00 from the Phi Beta Kappa chapter of The Ohio State University for the Phi Beta Kappa Scholarship Fund.
28. \$1,000.00 from Mervin B. France to be added to the fund for construction of a new residence for the President.
29. \$1,000.00 from Dr. Ralph S. Licklider for the Ralph S. Licklider Family Fund.
30. \$1,000.00 from Harry S. Littman to be added to the John S. Knight Fund for the College of Law.

TOTAL - Through the Development Fund \$179,954.01

C. Gifts-in-Kind

1. A controller for resistance welding equipment from Robotron Corporation, Detroit, Michigan, for the Department of Welding Engineering.
2. A Lockheed Lodestar aircraft Number 901 JL, complete with navigational equipment and in good operating condition, from Jones and Laughlin Steel Corporation, Pittsburgh, Pennsylvania, to the Board of Trustees for purposes as determined by the Department of Aviation of the University.

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

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Purchase of Chemical Abstracts Building

At the request of the Vice President for Business and Finance and with the concurrence of the Vice President for Research, it is recommended that \$244,000.00 be appropriated from the University Treasurer Research Subaccount (f) for the first payment to the American Chemical Society for the Chemical Abstracts Building.

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



V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriation for the Completion of the Research Facility Under the Stadium

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that a sum not to exceed \$120,000.00 be appropriated from the University Treasurer Research Subaccount (b) to construct the second floor on the research facility under the stadium.

Upon motion of Mr. Bricker, seconded by Mr. Loop, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

C. Appropriation for Purchase of Research Equipment

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that a sum of \$12,000.00 be appropriated from the University Treasurer Research Subaccount (f) to supplement a grant of \$17,193.00 from the Atomic Energy Commission to purchase a Time-of-Flight Spectrometer for Dr. Richard Firestone, Professor of Chemistry.

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

D. Appropriation for Planning Expansion of Library

At the request of the Vice President for Instruction and with the concurrence of the Vice President for Business and Finance, it is recommended that the sum of \$7,200.00 be appropriated from the University Treasurer General Fund for the purpose of developing plans and specifications for the expansion of the University Library. The University urgently needs more library space for the increased numbers of students enrolled, and it is therefore imperative that the Vice President for Business and Finance be authorized to proceed immediately with architectural and engineering plans for adding another floor in the main reading room in the Main Library. The estimated cost of the project is \$90,000.00 and the architectural cost is estimated at 8 per cent of this figure. Funding of the total project will depend on state appropriations.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

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Vice President Carson presented the following recommendations:

VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Orders to Contracts as outlined below be approved by the Board of Trustees:

VI. EXTRA ORDERS TO CONTRACTS (continued)

A. Food Facility (Phase II)

General Contract

It is recommended that the following changes be made:

- 1. Provide partitions, door, hardware, glazed openings and other features complete to form Office Room #130-A as indicated on original drawings, except for use of 2 x 4 stud partitions with drywall in lieu of cement asbestos board office type partitions. Add \$1,042.00,
- 2. Furnish and install two 4" round concrete filled steel guard posts at existing water cooler adjacent to Toilet Room #145. Add \$89.60, Add \$1,131.60

Funds will be provided from Account 86291, General Dormitory Fund, University Treasurer Account.

B. Student Housing Building #12 (Drackett Tower)

General Contract

It is recommended that a temporary gas meter and regulator station, including a chain link fence with gate and three strands of barbed wire on top, concrete pads for equipment and piping, and crushed stone paving be provided. Add \$ 665.00

Funds will be provided from Dormitory Construction Fund.

C. Remodeling of Highway Testing Laboratory

General Contract

It is recommended that the paving, which was damaged by the Service Department while they were repairing water lines and strengthening existing tunnel to support the paving, be replaced. Add \$ 667.13

Funds will be provided from Item 315-022, S. B. 370.

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

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January 14, 1965 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is 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. Modernization of Elevators - Mack Hall

This project will improve the safety, security, and speed of the elevator operation in Mack Hall.

Funds will be provided from Dormitory Contract Repair and Replacement Fund.

B. University Airport Heating Plant

This project is for the installation of a boiler to improve the capacity of the University Airport Heating Plant.

Funds will be provided from the Maintenance Account, H. B. 711.

C. Repairs to Plaza and Sidewalk Along the South Side of the Administration Building

This project includes the replacement of the plaza, walks, and curbs.

Funds will be provided from the Maintenance Account, H. B. 711.

D. Materials Engineering and Science Building

This project is a six-story addition to the Metallurgy and Mineralogy Laboratory and includes the remodeling of the Chemical Abstracts Building for the use of the Departments of Metallurgical Engineering, Mineralogy, and Ceramic Engineering.

Funds for this project will be provided from Item 002, S. B. 370.

E. Dayton Branch, Science Building, Phase II

This project is a four-story building with an auditorium wing and includes classrooms, laboratories, and offices for the Science and Research Departments.

Funds for the project will be provided from Item 017, S. B. 370.

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

January 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Student Housing Buildings Nos. 8 and 9 (Nosker House and Archer House)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 11-22-64) Baker & Coombs of Ohio, Inc. (Columbus)		
Base Bid	\$ 728,600.00	\$ 776,600.00
Alt. G-1 Site Improvement	68,800.00	50,000.00
Total Contract	<u>\$ 797,400.00</u>	<u>\$ 826,600.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u> (5 bids received 11-22-64) Roland A. Esswein & Sons Co. (Columbus)		
Base Bid	<u>\$ 252,753.00</u>	<u>\$ 280,000.00</u>
<u>Plumbing Contract</u> (5 bids received 11-22-64) Limbach Co. (Columbus)		
Base Bid	\$ 163,850.00	\$ 173,000.00
Alt. P-1 Site Improvement Drainage	3,800.00	12,000.00
Alt. P-2 Water Line Extensions	7,300.00	8,500.00
Total Contract	<u>\$ 174,950.00</u>	<u>\$ 193,500.00</u>
<u>Electrical Contract</u> (5 bids received 11-22-64) Gustav Hirsch Organization, Inc. (Columbus)		
Base Bid	\$ 154,700.00	\$ 160,000.00
Alt. E-1 Yard Lighting and Electric Manhole	7,400.00	8,000.00
Total Contract	<u>\$ 162,100.00</u>	<u>\$ 168,000.00</u>
<u>Total Contracts</u>	<u>\$1,387,203.00</u>	<u>\$1,468,100.00</u>

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

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Repairs to Lord Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 12-17-64)		
Payt Construction Co., Inc. (Columbus)	\$11,735.00	\$17,000.00
<u>Electrical Contract</u>		
(8 bids received 12-17-64)		
Pence Electric Company (Columbus)	<u>2,250.00</u>	<u>3,500.00</u>
<u>Total Contracts</u>	<u>\$13,985.00</u>	<u>\$20,500.00</u>

Funds for this project will be provided from B/A 12350 Contract Repairs, H. B. 711.

C. University Hospital - Corridor Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Tile Contract</u>		
(5 bids received 1-12-65)		
Chester A. Smith, Inc. (Columbus)	<u>\$ 5,822.00</u>	<u>\$ 8,000.00</u>

Funds for this project will be provided from the University Hospital Rotary.

Upon motion of Mr. Allyn, 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. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplished the following purpose:

- 126 Releases \$8,230.00 to provide for the preparation of plans and specifications for the construction of Curl Drive in Item 006, S. B. 370.
- 129 Approves the expenditure of \$21,000.00 from Item 811 (601) Hospital Rotary, H. B. 711, for the contracts and related expenses in connection with the project "Relocation of Mental Health Clinic to Upham Hall."
- 130 Approves the transfer of \$250,000.00 from Item 315-013 Addition to Starling-Loving Hall to Item 315-016 College of Medicine - Plans, and releases \$473,000.00 from Item 315-016 so that planning and construction may proceed on the project to provide additional capacity in the University's heating plant for the Medical Center.
- 131 Releases \$685,260.00 from Item 315-004, S. B. 370, to provide for the contracts and related expenses for Dentistry Laboratories Addition.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineers - Student Housing Building No. 11  
(Jones Tower)

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

The fee for this service will be 2.125 per cent of the cost of the mechanical and electrical work or an estimated \$23,885.00 with funds being provided from the Dormitory Construction Fund.

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

B. Employment of Engineers - Research Space - East Side of Stadium, Phase III

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

The fee for this service will be 5 1/2 per cent of the cost of the mechanical and electrical work or an estimated \$2,475.00 and will be funded from B/A 91020 Stadium Research Space.

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

C. Withdrawal from Dividend Reserve on Group Life Insurance

It is recommended that Vice President Carson be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$80,000.00 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. Davis, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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

D. Heating Plant - College of Medicine Facilities

The new expanded Medical Center requires facilities for heating over and above those now available. Studies made by the Director of Physical Plant indicate a much lower capital investment if a new boiler is located in the Central Heating Plant, and existing steam distribution lines are utilized to bring the steam to the present Hospital. Operating costs also appear to be lower.

The complete project includes a new gas-fired boiler, gas lines, demolition of unusable boilers in the Central Heating Plant, necessary plumbing, structural, mechanical, and electrical work, and an extension of steam and return lines from the present Hospital to a distribution point on the new Medical Center Campus south of Tenth Avenue.

It is recommended that an amount not to exceed \$473,000.00 be appropriated from Amended S. B. 370, Line 016, and that \$250,000.00 be transferred from Line 013 to Line 016 in Amended S. B. 370 to help defray this expense, in accordance with normal State procedures.

It is further recommended that the President and/or the Vice President for Business and Finance be, and hereby are authorized to do all things necessary to implement this project, including the appointment of engineering consultants, technicians, and/or architects, and the award of all necessary contracts, in accord with established University policies.

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

E. Purchase of Buildings and Property, 316-316 1/2-318-318 1/2 West Ninth Avenue

It is recommended that the action of the Vice President for Business and Finance in connection with the purchase of the following property from G. Eloise Neil at a price of \$37,000.00 be ratified:

Property known as 316-316 1/2-318-318 1/2 West Ninth Avenue, being 36' off the west side of Lot #20 and 9' off the east side of Lot #19, William N. King's Neil Avenue Subdivision, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 015 College of Medicine - Land, S. B. 370.

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

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

F. Purchase of Buildings and Property, 2466 Kenny Road

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Chalmer S. Early at a price of \$5,200.00:

Property known as 2466 Kenny Road, being Lot #32,  
2nd Wood-Brown Co. Addition, Clinton Township,  
Franklin County, Ohio.

This purchase is in conformity with the Campus Master Plan and the funds are available in Account No. 19999 for the purchase of this property.

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

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XI. RESOLUTION IN MEMORIAM

Secretary Mount reported to the Board the death of Alexander Herman Schutz, Professor Emeritus of Romance Languages. 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 has been furnished the family of the deceased.

A. Alexander Herman Schutz

The Board of Trustees expresses its sorrow at the death on January 7, 1965, of Alexander Herman Schutz, Professor Emeritus of Romance Languages.

Professor Schutz was born in Chicago, March 27, 1894. He completed his college work at the University of Chicago where he received his Ph.D. in Romance Languages in 1922. During World War I he had served as tri-lingual telephone operator in the U. S. Signal Corps, and after the war he studied at Montpellier. After teaching at the University of Mississippi, Iowa State Teachers College, and the University of Missouri, he came to The Ohio State University as Assistant Professor in 1927. He was promoted to the rank of Associate Professor in 1933 and to Professor in 1938. In this rank he served ably until his retirement due to illness in 1963.

In 1951-1952 Professor Schutz held a Fulbright Scholarship for research in France, and at numerous other times he studied and traveled abroad. He lectured by invitation at Cambridge University, England, and at a Provençal Congress in southern France. Professor Schutz served with distinction on the Editorial Committee for the Publications of the Modern Language Association of America. He enjoyed an international reputation for his books and articles in the fields of Old French, Old Provençal, and the French Renaissance. With his usual thoroughness and devotion, he performed the difficult task of editing the Sixteenth Century Volume of the Critical Bibliography of French Literature, published by the Syracuse University Press in 1956. In the summer of 1964, The Ohio State University Press published in



XI. RESOLUTION IN MEMORIAM

A. Alexander Herman Schutz (continued)

his honor a book entitled French and Provencal Lexicography. This volume, edited by Urban T. Holmes and Kenneth Scholberg, had among its contributors some of the most distinguished scholars in Europe and the United States. Dr. Schutz was able to see and enjoy this tribute before his final illness became acute.

Throughout his life Professor Schutz was intensely devoted to his scholarship and teaching. He was a living proof of the harmony which can and should exist between them. He taught with a rare success and vividness in elementary, advanced undergraduate, or graduate classes. Ever alert for new methods of presenting the difficult aspects of his field, he never allowed his work to become static; yet his basic seriousness of purpose was lightened by a delightful and spontaneous sense of humor which lingered constantly close to the surface of his thought. Dr. Schutz was always just, considerate, and humane, winning from his classes, his colleagues, and his many friends, the respect and deep affection he so richly deserved.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Providing for Revision of Proposed Agreement Between The Ohio State University Housing Commission and The Ohio State University Pertaining to Construction and Operation of Two High-Rise Dormitories for Approximately 3,840 Students

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following Resolution and moved its adoption:

WHEREAS, this Board of Trustees adopted on December 10, 1964 a resolution entitled "Resolution authorizing an Agreement between The Ohio State University Housing Commission and The Ohio State University pertaining to the construction and operation by the Housing Commission of two dormitories on the campus of the University, and matters incidental thereto" (identified as Exhibit 1, pages 223-229, of December 10, 1964 minutes); and

WHEREAS, the firm of Squire, Sanders and Dempsey, Bond Counsel for the University, has recommended that the Agreement thereby authorized should be revised in part:

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

XII. REPORTS (continued)

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

1. Resolution Providing for Revision of Proposed Agreement Between The Ohio State University Housing Commission and The Ohio State University Pertaining to Construction and Operation of Two High-Rise Dormitories for Approximately 3,840 Students (continued)

Section 1. That the authorization granted in the aforesaid resolution is hereby made applicable to the said Agreement with the substitution of the following paragraph 5 for said paragraph as previously so authorized:

5. So long as any of the Bonds remain outstanding and unpaid, without provision for such payment duly provided for, the University shall adopt and maintain parietal rules providing for assignment of students to residency in and use of the Project, with the objective of providing full occupancy and use of the Project, subject to the covenants of the University, pertaining to occupancy and use of facilities owned or under the control of the University, made in the Trust Agreement, dated as of April 15, 1957, between the University and The Ohio National Bank of Columbus, securing dormitory revenue bonds of the University, and any like covenant that may be made in connection with the refunding of such bonds.

Section 2. That the officers heretofore authorized by the aforesaid resolution to execute said Agreement are hereby further authorized to make such further changes in said Agreement, prior to the sale of the Housing Commission Bonds therein identified, as are appropriate to carry out the objectives therein stated and not substantially adverse to the University.

Mr. France seconded the motion and the Board of Trustees by unanimous roll call vote approved the revision, and the Secretary was instructed to take the necessary action to see that the official copy of the said Agreement is revised accordingly.

2. Purchase of Property, University Airport

Mr. Jones, a member of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

On December 10, 1964, the Board of Trustees approved a report from the Finance and Investment Committee. This report included a recommendation that an amount not to exceed \$750,000.00 be invested in certain real property in the University Airport area with the understanding that specific actions for purchase of certain said property be submitted to the Board of Trustees for final approval.

In accordance with this action, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of approximately 12 acres of land from the Oran B. Love Construction Company at a price of \$2,000.00 per acre. This property is located adjacent to the north side of University Airport and is contiguous to other University lands in the area designated in the Master Plan for related agencies.

January 14, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

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

2. Purchase of Property, University Airport (continued)

Funds will be provided for this purchase from the Investment Portfolio and the property will be held in the name of the Board of Trustees of The Ohio State University.

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

3. Report on the University's Investment Portfolio

The report on the status of the University's Investment Portfolio dated December 31, 1964, 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 Engineering Experiment Station

Mr. Mount reported that the Annual Report for the Engineering Experiment Station has been received. A copy of this Report will be mailed to each member of the Board of Trustees and a copy of the Report will be filed with the official records of the Board of Trustees.

C. Report on Highlights of Campus Activities

In concluding the meeting, Vice President Weaver reviewed some of the significant activities of the University and reported on some special recognitions which have come to the University and its faculty and staff. A copy of the Report is filed with the official records of the Secretary of the Board.

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Thereupon the Board adjourned to meet Thursday, February 11, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 11, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, February 11, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Carlton S. Dargusch, John G. Ketterer, and Mervin B. France.

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Minutes of the last meeting were approved.

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President Fawcett expressed appreciation to the members of the staff for carrying on so nobly at the January meeting of the Board of Trustees during his absence because of illness. He called attention to the fact that Mr. Bricker is confined to University Hospital at the present time. Upon motion of Mr. Dargusch and seconded by Mr. France, the Board with unanimous accord requested that a message be sent to Mr. Bricker conveying best wishes for a complete and quick recovery.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rule 49.03, Paragraph a - Rules for the University Faculty

On January 12, 1965, the Faculty Council approved a proposal that the faculty rule pertaining to requirements for an undergraduate degree be modified to include the provision for a student to earn a degree who has met all of the requirements for said degree while enrolled as a part-time student.

To accomplish this purpose, it is recommended that the Executive Committee of the College recommending the degree may waive the requirement that a student be in "full-time residence" in this University for a minimum of three quarters. Therefore, Rule 49.03, paragraph a of Rules for the University Faculty as amended would 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 in this University. To be "in full-time residence" in any quarter a student must be enrolled in courses carrying twelve or more quarter hours credit. The Executive Committee of the College recommending the degree may, upon the request of the student, waive this requirement.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by a unanimous roll call vote, and the Secretary was instructed and authorized to make such changes in the Rules for the University Faculty as are required as a result of the foregoing change.

B. Policy on Residence Hall Occupancy

The Board of Trustees at its meeting on April 8, 1957, authorized the establishment of an open-ended bond indenture agreement for the financing of residence halls and dining facilities for students. Pursuant to this policy, The Ohio State University has made considerable progress in providing safe, modern residence halls for an ever-expanding student body. While in 1951

February 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Policy on Residence Hall Occupancy (continued)

less than 2,500 men and women were housed in University-owned residence halls, this number was a little less than 8,000 in the Autumn Quarter of 1964. It is estimated that during the next two to three years the number will reach in excess of 14,000 students.

The bond indenture agreement requires the establishment of such parietal rules as are necessary to keep University student housing filled. Since University student residence hall capacity will be increased significantly during the next two years, it would appear prudent and wise to reaffirm the Board of Trustees' original position concerning students who will be required to live in University-owned housing. It is therefore recommended:

That unmarried freshmen and sophomores under twenty-one years of age who do not live with parents or other close relatives are required to reside in University-owned residence halls and take their meals in University-owned dining halls. Exceptions for justifiable cause may be granted by the Executive Dean for Student Relations, or his designees, wherein such exceptions do not result in lowered occupancy of University-owned residence halls.

The policy as set forth in the above recommendation will be enforced for freshmen only during the 1966-67 academic year and become fully effective for the 1967-68 academic year provided the completion schedules for the construction of University student residence halls are met. It will not affect any student currently enrolled at The Ohio State University and will be announced to all prospective freshmen and sophomores.

In adopting the above recommendation, the Board of Trustees reaffirms its intent to preserve the present exceptions for students who live in scholarship houses, fraternities, sororities, and Westminster Hall.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the January 14, 1965 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, Appointment, and Leaves of Absence Without Salary:

A. Promotion

David G. Cornwell from Professor and Acting Chairman to Professor and Chairman, Department of Physiological Chemistry, effective April 1, 1965, at a salary of \$19,368.00 per annum.



February 11, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointment

D. Lyle Goleman, Professor and Extension Specialist, Chemical Residues, Cooperative Extension Service, effective February 16, 1965, at a salary of \$17,568.00 per annum. Dr. Goleman will hold an appointment as Professor in the Department of Zoology and Entomology at No Salary.

C. Leaves of Absence Without Salary

Herbert H. Hadley, Associate Professor (District Supervisor), Cooperative Extension Service, March 16, 1965 through June 15, 1965, to participate in a program of professional improvement at Michigan State University.

Edgar T. Shaudys, Associate Professor (part time - 53%), Agricultural Economics and Rural Sociology, April 1, 1965 through May 31, 1965, to serve as a Visiting Professor at the University of Minnesota.

Norman Herzberg, Assistant Professor, Mathematics, January 1, 1965 through March 31, 1965, due to ill health.

John R. Aylsworth, Instructor (County Extension Agent, 4-H) Erie County, Cooperative Extension Service, February 16, 1965 through March 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Milton D. McLean, Director, Religious Affairs Center, April 20, 1965 through June 19, 1965, to serve as a Visiting Professor at Southern Illinois University.

Upon motion of Mr. Loop, seconded by Mr. France, the Promotion, Appointment, 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" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, Bureau of State Service, Washington, D. C., for an Investigation of Physiology of Aquatic Bacteria (to be known as Bureau of State Service Project No. 705 - Ext. #9 - Department of Microbiology).  
Gross Value - \$9,009.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893 - Ext. #6 - Department of Anatomy).  
Gross Value - \$29,755.00.
- c. Department of Health, Education and Welfare, Public Health Service, Bureau of State Service, Washington, D. C., for an Investigation of Mechanisms of Photochemically Initiated Oxidations (to be known as Bureau of State Service Project No. 1220 - Ext. #4 - Department of Chemistry).  
Gross Value - \$75,700.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Ventricular Ejection Studied by Simplified Techniques (to be known as National Institutes of Health Project No. 1337 - Ext. #4 - Department of Medicine).  
Gross Value - \$12,672.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effects of Viruses on Germfree Dogs and Cats (to be known as National Institutes of Health Project No. 1356 - Ltr. dtd. 12/16/64 - Department of Veterinary Pathology).  
Gross Value - \$8,000.00.
- f. National Aeronautics and Space Administration, Washington, D. C., for 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 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$100,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research Studies on the Fluid Dynamics of High Enthalphy Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 1427 - Mod. #7 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$41,836.00.
- h. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Salivary Studies on Mosquitoes (to be known as U. S. Army Biological Laboratories Project No. 1510 - Mod. #6 - Department of Zoology and Entomology).  
Gross Value - \$2,500.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Ion Sheath Propagation Studies (to be known as Systems Engineering Group, Research and Technology Division Project No. 1565 - Sup. #4 - Department of Electrical Engineering).  
Gross Value - \$99,498.00.
- j. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Techniques for Integration of Active Elements into Antennas and Antenna Structure (to be known as Systems Engineering Group, Research and Technology Division Project No. 1566 - Sup. #4 - Department of Electrical Engineering).  
Gross Value - \$89,958.00.
- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Plasma Noise Temperature Measurements (to be known as Systems Engineering Group, Research and Technology Division Project No. 1573 - Sup. #2 - Departments of Electrical Engineering and Aeronautical and Astronautical Engineering).  
Gross Value - \$93,456.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Ext. #2 - Institute for Research in Vision).  
Gross Value - \$22,242.00.

February 11, 1965 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)

- m. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for an Investigation of Mixed Aerosol Infections in Monkeys (to be known as U. S. Army Biological Laboratories Project No. 1576 - Mod. #10 - Department of Medicine).  
Gross Value - \$25,000.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Germfree and Gnotobiotic Ruminant Nutrition Studies (to be known as National Institutes of Health Project No. 1586 - Ext. #2 - Institute of Nutrition and Food Technology).  
Gross Value - \$19,922.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Physiologic Factors Affecting Glutamic Dehydrogenase (to be known as National Institutes of Health Project No. 1631 - Ext. #2 - Department of Physiology).  
Gross Value - \$14,708.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633 - Ext. #2 - Department of Zoology and Entomology).  
Gross Value - \$22,920.00.
- q. National Science Foundation, Washington, D. C. , for Nuclear Structure Research with a 5.5 MeV Electrostatic Accelerator (to be known as National Science Foundation Project No. 1743 - Amend. #2 - Department of Physics).  
Gross Value - \$50,000.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Carbonic Anhydrase in Endometrial Tissue (to be known as National Institutes of Health Project No. 1747 - Ext. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$11,505.00.
- s. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , for an Evaluation and Synthesis of Research Studies Relating to Music Education (to be known as Office of Education Project No. 1757 - Amend. #1 - School of Music).  
Gross Value - \$5,450.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- t. Classified Program (to be known as Classified Program Project No. 1774 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$79,965.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779 - Ext. #1 - Department of Psychology).  
Gross Value - \$25,868.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Development of Prescriptive Values During Adolescence (to be known as National Institutes of Health Project No. 1785 - Ext. #1 - Department of Psychology).  
Gross Value - \$17,709.00.
- w. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of the Cycling of CL<sup>36</sup> Labeled DDT in a Marsh Ecosystem (to be known as U. S. Atomic Energy Commission Project No. 1794 - Mod. #1 - Department of Zoology and Entomology).  
Gross Value - \$10,561.00.
- x. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Pathogenesis of Spontaneous Avian Atherosclerosis (to be known as National Institutes of Health Project No. 1800 - Ext. #1 - Department of Physiology).  
Gross Value - \$14,556.00.
- y. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Transmission of Intense Laser Radiation (to be known as Systems Engineering Group, Research and Technology Division Project No. 1935 - New - Department of Electrical Engineering).  
Gross Value - \$149,980.00.
- z. National Science Foundation, Washington, D. C., for an Investigation of Oxidative Cleavage of Cyclopropanes (to be known as National Science Foundation Project No. 1948 - New - Department of Chemistry).  
Gross Value - \$29,900.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Fish Susceptibility to Pesticides and Detergents (to be known as National Institutes of Health Project No. 1949 - New - Department of Microbiology).  
Gross Value - \$2,887.00.
- bb. National Science Foundation, Washington, D. C., for an Investigation of Avian Social Behavior and Reproductive Physiology (to be known as National Science Foundation Project No. 1950 - New - Department of Zoology and Entomology).  
Gross Value - \$34,700.00.
- cc. National Science Foundation, Washington, D. C., for an Investigation of Photochemical Transformations of Heterocyclic Small Ring Carbonyl Compounds (to be known as National Science Foundation Project No. 1951 - New - Department of Chemistry).  
Gross Value - \$25,300.00.
- dd. Rome Air Development Center, Griffiss Air Force Base, New York, for an Investigation of Influence of Stress Variables on Display Design (to be known as Rome Air Development Center Project No. 1952 - New - Department of Psychology).  
Gross Value - \$33,674.00.
- ee. National Science Foundation, Washington, D. C., for an Investigation of Inhibition of Autotrophic Bacteria by Non-Toxic Nutrients (to be known as National Science Foundation Project No. 1955 - New - Department of Microbiology).  
Gross Value - \$14,700.00.
- ff. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956 - New - Department of Psychiatry).  
Gross Value - \$18,282.00.
- gg. National Science Foundation, Washington, D. C., for Supplemental Support of the Institute of Polar Studies, 1965 (to be known as National Science Foundation Project No. 1957 - New - Institute of Polar Studies).  
Gross Value - \$8,080.00.

February 11, 1965 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)

- hh. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958 - New - Department of Metallurgical Engineering).  
Gross Value - \$27,100.00.
- ii. R&D Procurement Office, U. S. Army Engineer R&D Laboratories, Fort Belvoir, Virginia, for A Study of the Role of Focal Length in Image Generation (to be known as U. S. Army Engineer R&D Laboratories Project No. 1959 - New - Department of Geodetic Science).  
Gross Value - \$18,856.00.
- jj. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, 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 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$12,790.00.
- kk. National Science Foundation, Washington, D. C., for Twentieth Symposium on Molecular Structure and Spectroscopy (to be known as National Science Foundation Project No. 1961 - New - Department of Physics).  
Gross Value - \$3,620.00.
- ll. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Study of the Feasibility of an ICMRT in Nigeria (to be known as National Institutes of Health Project No. 1962 - New - Department of Zoology and Entomology).  
Gross Value - \$12,000.00.
- mm. Rome Air Development Center, Griffiss Air Force Base, New York, for an Investigation of High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 1963 - New - Department of Electrical Engineering).  
Gross Value - \$449,873.00.
- nn. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Subcellular Particles of Reticulocytes (to be known as National Institutes of Health Project No. 1964 - New - Department of Physiology).  
Gross Value - \$20,560.00.

TOTAL - Government Contracts - Federal \$1,745,092.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts

- a. North American Aviation, Inc. , Columbus Division, 4300 East Fifth Avenue, Columbus, Ohio, for Shock-Shock Interaction Tests (to be known as North American Aviation, Inc. , Project No. 1892 - C. N. #3 and C. N. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$12,000.00.
- b. The United Nations Educational, Scientific & Cultural Organization (UNESCO), Place de Fontenoy, Paris - 7<sup>e</sup>, France, for Preparation of a Manuscript on the Theory and Method of Measuring Patterns of Education According to Pupil-Hours of Instruction Received (to be known as The United Nations Educational, Scientific & Cultural Organization Project No. 1931 - Ltr. of 12/17/64 - Department of Economics).  
Gross Value - \$1,500.00.
- c. Franklin County Regional Planning Commission, Comprehensive Regional Plan, 514 South High Street, Columbus, Ohio, for Economic Base Study of the Columbus Area, 1965, With Projections to 1970, 1975, 1980 and 1985 (to be known as Franklin County Regional Planning Commission Project No. 1947 - New - Bureau of Business Research).  
Gross Value - \$67,203.00.
- d. The Deafness Research Foundation, 366 Madison Avenue, New York, New York, for an Investigation of Human Temporal Bone Pathology (to be known as The Deafness Research Foundation Project No. 1953 - New - Department of Otolaryngology).  
Gross Value - \$6,875.00.
- e. The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St. , N. W. , Washington, D. C. , for an Investigation of Sulfonyl, Sulfinyl and Sulfur Dioxide Complexes (to be known as The Petroleum Research Fund Project No. 1954 - New - Department of Chemistry).  
Gross Value - \$17,000.00.

TOTAL - Industrial and Other Contracts \$104,578.00

The foregoing forty-five contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,849,670.00.

Upon motion of Mr. France, seconded by Mr. Loop, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved unanimously.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from January 1, 1965 through January 31, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

- |                    |  |
|--------------------|--|
| EES 189<br>Ext. #4 | A Study of Roadside Maintenance and Its Effects on Highway Design and Construction, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.<br>Gross Value - \$24,000.00. |
| EES 208<br>Ext. #5 | Development of Instrumentation to Measure Pavement Thickness, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.<br>Gross Value - \$69,240.00.                       |
| EES 258            | Size and Strength Relationships of Bituminous Field Cores, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.<br>Gross Value - \$35,316.00.                          |
| EES 259            | Durability Characteristics of Asphaltic Materials, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.<br>Gross Value - \$63,960.00.                                  |
| EES 260            | Study of Long-Term Deformation of Compacted Cohesive Soil Embankments, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.<br>Gross Value - \$45,000.00.              |

TOTAL - Government Research Contracts \$237,516.00

2. Industrial Research Contract

- |                    |   |
|--------------------|---|
| EES 255<br>Ext. #1 | Biodegradation of Spic and Span, Procter & Gamble Company, Cincinnati, Ohio.<br>Gross Value - \$350.00. |
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The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$237,866.00.

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February 11, 1965 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since January 14, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

##### A. Administered Through the Office of Business and Finance

1. \$183,803.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period January 1, 1965 through December 31, 1965. (Grant 1 S01 FR-5409-04-5)
2. \$93,204.00 granted by the National Science Foundation to the University for support of Eighteen Graduate Traineeships distributed as follows: one in Aeronautical Engineering, one in Agricultural Engineering, one in Ceramic Engineering, two in Civil Engineering, four in Electrical Engineering, one in Metallurgical Engineering, five in Chemistry, and three which may be assigned in the engineering, mathematical, or physical sciences (including biochemistry and biophysics). This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1966. (GE-7956)
3. \$42,102.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, College of Veterinary Medicine, for the period January 1, 1965 through December 31, 1965. (Grant 1 S01 FR-0543-03-5)
4. \$25,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Undergraduate Clinical Training," under the direction of Dr. James V. Warren, Department of Medicine, for the period March 1, 1965 through February 28, 1966. (Grant 5 T2 HE 5035-12)

TOTAL - Through the Office of Business and Finance \$344,109.00

##### B. Received Through the Development Fund

1. \$260,251.58--\$252,251.58 in securities and \$8,000.00 in cash from the Estate of Mona Fay Gee to be added to the Eugene C. Gee and Mona Fay Gee Memorial Fund, which was established on December 1, 1964, and reported to the Board on January 14, 1965. Total in fund \$270,827.62.
2. \$49,419.04 from the Estate of Mary Hubbell Osburn to be added to the Mary H. Osburn Memorial Fund, which was established July 17, 1964, and reported to the Board September 11, 1964. Total in fund \$59,981.14.

February 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$36,857.34 from Procter & Gamble Company, Cincinnati, Ohio--\$22,950.00 for the Procter & Gamble Company Dental Research Fellowship Fund and \$13,907.34 for Procter & Gamble Company Dental Laboratory Research Fund.
4. \$30,000.00 from Frank A. Burgess, Columbus, Ohio, to be added to the fund for the construction of a new residence for the President.
5. \$30,000.00 from E. I. du Pont de Nemours & Co. for grants-in-aid during 1965 for use of the Departments of Chemistry, Physics, Metallurgical Engineering, and Chemical Engineering.
6. \$12,500.00 from the Bremer Foundation for the Bremer Foundation in the College of Medicine.
7. \$11,687.38 in securities from Robert E. Goodsell, Kenton, Ohio, for deposit in the University Endowment Fund with income to be used at the discretion of the Board of Trustees.
8. \$10,000.00 by a bequest under the Will of Mrs. Emma Ellis (Mrs. Fred M.) to be deposited in the Emma Ellis Trust Fund for installation of an alarm and monitoring system for heart patients.
9. \$6,962.15 in securities from Frank K. Griesinger for the Frank K. Griesinger Scholarship Fund.
10. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, to be added to the John J. Fahey Fund.
11. \$5,000.00 from Ohio Dairy Products Association, Columbus, Ohio, for the Department of Dairy Technology.
12. \$5,000.00 from Eli Lilly & Company for the Division of Infectious Disease in the College of Medicine.
13. \$5,000.00 from George E. Armington, Cleveland, Ohio, as an unrestricted gift to the University.
14. \$4,000.00 from George W. Byers, Sr. as an undesignated gift to the University.
15. \$4,000.00 from The Upjohn Company, Kalamazoo, Michigan, for equipment in the College of Pharmacy.
16. \$3,768.46 in securities from Jacob E. Davis--\$2,000.00 to be deposited in the Jacob E. Davis Fund for the College of Law and \$1,768.46 for the Jacob E. Davis Scholarship Fund for School of Social Work.

February 11, 1965 meeting, Board of Trustees

IV, GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$3,677.98 from the National Fund for Graduate Nursing Education for the Graduate Nursing Education Fund.
18. \$3,000.00 from Everett D. Reese as an undesignated gift to the University.
19. \$2,500.00 from Laura Foy Heekin for the establishment of the Robert E. Heekin Memorial Fund.

Robert E. Heekin Memorial Fund

The Robert E. Heekin Memorial Fund was established January 11, 1965, by a gift through the Development Fund from Laura Foy Heekin in memory of her late husband, Robert E. Heekin, Arts W'06.

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

The income is to be used to provide scholarships for male students at The Ohio State University. Preference is to be given to scholastically qualified students who are also participating in interscholastic athletics.

In the event the need for such scholarships ceases to exist or so diminishes as to create unused income, then the income may be used by the Board of Trustees of The Ohio State University in its discretion for any purpose whatsoever.

20. \$2,000.00 from Clifford C. Baltzly for the Clifford C. Baltzly Scholarship Fund.
21. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratory Fund in the College of Medicine.
22. \$1,415.00 from Ervin G. Bailey to be added to the Ervin G. Bailey Fund for Engineering.
23. \$1,412.72 from the Midwest Foundation for Research and Education for the Midwest Foundation for Research Education.
24. \$1,397.50 from Isadore Topper for the Isadore and Ida Topper Fund--with income for use by the College of Law.
25. \$1,297.50 in securities from Oscar E. Carlin and Florence Poston Carlin for the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund.
26. \$1,000.00 from Miss Irene Hirsch for the Dr. Walter C. Reckless Project.

February 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

27. \$1,000.00 from J. Paul McNamara as an undesignated gift to the University.
28. \$1,000.00 from Thomas Bradford Meek, Sr. for the James Thurber Memorial Fund.
29. \$1,000.00 from Walter English as an undesignated gift to the University.
30. \$1,000.00 from Dr. Joseph L. Bitonte for the Operation Eye Research Fund.
31. \$1,000.00 from Richard T. Baker for the Student Athlete Grant-in-Aid Fund.

TOTAL - Received Through the Development Fund \$503,646.65

C. Gift-in-Kind

1. A deed for a tract of 40.97 acres of land, more or less, located in the Northwest Quarter of Section 7, Madison Township, Richland County, Ohio, from Carl H. Stander and his son, Richard R. Stander, of Mansfield, Ohio, to the Board of Trustees of The Ohio State University for the Mansfield Branch Campus site.

Upon motion of Mr. Ketterer, seconded by Mr. Loop, the acceptance of the above grants and gifts was approved by unanimous 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 December 1964

In December, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,132	\$ 151,964.98
Individuals, other than alumni	114	59,390.39
Nonprofit organizations	17	28,828.74
Business concerns	14	59,223.85
	<u>2,277</u>	<u>\$ 299,407.96</u>

Of these gifts, 1,739 totaling \$15,433.54 were undesignated and 538 totaling \$283,974.42 were designated.

February 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. Annual Report 1964

The totals for the calendar year 1964, January 1 to December 31, inclusive, are as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	30,424	\$ 744,907.67
Individuals, other than alumni	1,047	286,302.30
Nonprofit organizations	420	702,400.25
Business concerns	224	546,059.37
	<u>32,115</u>	<u>\$2,279,669.59</u>

Of these gifts, 25,916 totaling \$190,545.07 were undesignated and 6,199 totaling \$2,089,124.52 were designated.

This represents an increase over 1963 of \$328,214.86 in money and 825 in number of contributors.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Construction of the Control Rooms for the Saucer Laboratory of the Department of Electrical Engineering

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that an amount not to exceed \$140,000.00 be appropriated from the University Treasurer Research Subaccount (c) to construct the Control Rooms for the Saucer Laboratory of the Department of Electrical Engineering.

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

B. Appropriation for Purchase of Research Equipment - Institute of Nutrition and Food Technology

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that an amount not to exceed \$10,000.00 be appropriated from the University Treasurer Research Subaccount (a) for the purchase of a Technico Amino Acid Analyzer for the research of Dr. Ralph M. Johnson on amino acid composition of plasma albumin of patients who have connective tissue disease and related disorders.

Upon motion of Mr. Loop, seconded by Mr. France, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

February 11, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

C. Annual Recognition Dinner - May 12, 1965

Upon the request of the Executive Director for University Relations, and with the concurrence of the Committee on Recognitions, it is recommended that the annual Recognition Dinner for faculty and staff, sponsored by the Board of Trustees, be held on Wednesday, May 12, 1965, at 6:15 p. m. in the Ohio Union, and that a sum not to exceed \$3,000.00 be appropriated from Endowment Fund 4002 for expenses.

Upon motion of Mr. Ketterer, seconded by Mr. France, the appropriation of \$3,000.00 for the annual Recognition Dinner was approved by unanimous roll call vote.

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VI. EXTRA ORDER TO CONTRACT

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Order to Contract as outlined below be approved by the Board of Trustees:

A. North Commons (Dining Facility Northwest)

Kitchen Equipment Contract

It is recommended that the following changes be made:

1. Provide three condiment counters two feet longer than shown on the drawings and of revised design to accommodate food pumps in lieu of open trays for such items as mustard, catsup, and salad dressings. Add \$575.00.
2. Provide new style dishwasher in lieu of model specified. Add \$763.00.
3. Provide offset in two dishtables adjacent to dishwasher to fit around the one-inch extra width of the new model. Add \$200.00.

Total addition    \$1,538.00

Funds for this extra order are available in the Dormitory Construction Fund.

Upon motion of Mr. Loop, seconded by Mr. Ketterer, 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 and with the concurrence of the Council on Business Affairs, it is 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. Floor Repairs

This project includes the repair of floors in Arps Hall, Botany and Zoology, Derby Hall, Hamilton Hall, and Stillman Hall.

Funds will be provided from the Maintenance Account, H. B. 711.

B. Repairs in Electrical Systems

This project is for improved lighting in the halls of Hamilton Hall and the classrooms, offices, and corridors of the Physical Education Building.

Funds will be provided from the Maintenance Account, H. B. 711.

C. Botany and Zoology Building Site Restoration

This project includes the replacement of sidewalks, installation of new retaining wall, regrading the entire area, and replanting.

Funds will be provided from the Maintenance Account, H. B. 711.

D. Pharmacy and Bacteriology Building Improvement

This project includes air conditioning for classrooms since ventilation was cut off by the new Mathematics Building.

Funds will be provided from the Maintenance Account, H. B. 711.

E. Improvements to the Natatorium Filtering System

The filtering system presently operates for all three pools. This project will provide a new filter system which will be split so that it will be possible to have individual temperatures and water levels as required for each pool.

Funds will be provided from the Maintenance Account, H. B. 711.

F. Garage

This project is for a standardized commercial modular steel structure to house Veterinary Medicine temporarily and the Motor Pool Garage permanently as soon as the new Veterinary Hospital is completed.



February 11, 1965 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

F. Garage (continued)

Funds will be provided from Budget Account 91040 Garage.

Upon motion of Mr. France, seconded by Mr. Loop, 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, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Taylor Tower (Student Housing Building No. 10)

Bids for this project were received by the Director of Public Works on January 20, 1965.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$1,424,000.00	\$1,640,000.00
Alt. G-1 Site Improvement	34,600.00	18,000.00
Alt. G-2 Gas Meter House	3,800.00	4,400.00
Alt. G-4 Penthouse Laundry and Study	53,500.00	31,200.00
Total	<u>\$1,515,900.00</u>	<u>\$1,693,600.00</u>

Heating, Ventilating, and Air  
Conditioning Contract

(5 bids received)

Piping Contractors Co. (Columbus)

Base Bid	\$ 446,179.00	\$ 468,500.00
Alt. HV-2 Penthouse Laundry and Study	15,983.00	9,500.00
Total	<u>\$ 462,162.00</u>	<u>\$ 478,000.00</u>

Plumbing Contract  
(6 bids received)

Tibbetts Plumbing & Heating Co.  
(Dayton)

Base Bid	\$ 329,280.00	\$ 340,000.00
Alt. P-1 Water Line Extensions	7,400.00	10,000.00
Alt. P-2 Gas Line Extensions	10,800.00	14,000.00
Alt. P-4 Stairwell Standpipe	6,500.00	7,000.00
Alt. P-5 Penthouse Laundry and Study	7,950.00	4,000.00
Total	<u>\$ 361,930.00</u>	<u>\$ 375,000.00</u>

February 11, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Taylor Tower (Student Housing Building No. 10) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received)		
Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 308,995.00	\$ 315,500.00
Alt. E-1 Yard Lighting	5,079.00	7,200.00
Alt. E-2 Add Telephone Ducts	3,130.00	6,000.00
Alt. E-4 Penthouse Laundry and Study	7,210.00	7,500.00
Total	<u>\$ 324,414.00</u>	<u>\$ 336,200.00</u>
 Total Contracts	 <u>\$2,664,406.00</u>	 <u>\$2,882,800.00</u>

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

B. Improvements in Horticulture and Forestry Building

Bids were received by the Director of Public Works on January 26, 1965, for this project.

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
W. F. Daulton Company, Inc. (Columbus)	\$ 12,820.00	\$ 15,000.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

Upon motion of Mr. France, 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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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Columbia Gas of Ohio, Inc. - Easement for Gas Line, Kenny Road

The Columbia Gas of Ohio, Inc., has requested permission to construct a four-inch (4") gas pipe line on State of Ohio lands, which lands have been designated for use by The Ohio State University. The line is to be constructed along a course five feet (5') west of and parallel to the west right-of-way line of Kenny Road beginning at the south property line of a 75.38 ± acre parcel of land acquired by the State of Ohio in 1914 and recorded in Franklin County deed records, Volume 564, page 8. The line will provide service for the Laboratory Animal Facilities project.

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

A. Columbia Gas of Ohio, Inc. - Easement for Gas Line, Kenny Road (continued)

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interest of the University. It is further recommended that the President 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 said gas line and to negotiate the appropriate compensation to the University.

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

B. Purchase of Buildings and Property, 167 West Lane Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Milford Wiley and Freda Wiley at a price of \$13,000.00:

Property known as 167 West Lane Avenue, being Lot #235 and 5' of Lot #236, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 001, Land Purchases, S. B. 370.

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

C. Purchase of Buildings and Property, 163 West Lane Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from J. B. Clements and Clara Clements at a price of \$13,100.00:

Property known as 163 West Lane Avenue, being the east 25' of Lot #236, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 001 Land Purchases, S. B. 370.

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

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

D. Acquisition of Property--Lot No. 19, John A. Evan's College View Addition, and Lot No. 1 and Part of Lot No. 2, University Heights Addition, Columbus, Ohio

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 located between Ninth and Eleventh Avenues, bounded on the east by High Street and on the west by Neil Avenue; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of dormitory, educational, research, and service facilities, will be required to acquire most, if not all, of the land lying between Ninth and Eleventh Avenues east of Neil Avenue and west of High Street; 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 to proceed with the purchase of the following described real estate as soon as funds are available from S. B. 370 or other authorized sources of funds designated for this purpose and, in the event negotiations should fail, that pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees, be requested to take steps to acquire by condemnation, for the State of Ohio, and said University, the following described real estate located in Columbus, Franklin County, Ohio;

Lot No. 19, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and commonly known as 1603-1605 Hunter Avenue. The owner of record is Pioneer Fund, Inc.

Lot No. 1, and part of Lot No. 2, University Heights Addition, City of Columbus, Franklin County, Ohio, and commonly known as 1662 Neil Avenue and 265 West Eleventh Avenue. The owner of record is Donald J. Hoskins, et al.

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

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

E. Purchase of Buildings and Property, 71 West Eleventh Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Joseph Lanman at a price of \$31,000.00:

Property known as 71 West Eleventh Avenue, being  
Lot #35, College Place Addition, City of Columbus,  
County of Franklin, State of Ohio.

Funds are available in Item 315-009 Campus Loop Road, S. B. 370.

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

F. Purchase of Buildings and Property, 244 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Ned E. Eller and Emily Eller at a price of \$16,000.00:

Property known as 244 West Ninth Avenue, being  
Lot #30, Elizabeth J. McMillen's University Addition,  
City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 315-009 Campus Loop Road, S. B. 370.

Upon motion of Mr. Dargusch, 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 Ralph Albert Knouff, Professor Emeritus of Anatomy, and J. Wayne Ley, Professor, Department of Business Organization, and former Associate Dean of the College of Commerce and Administration. 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 have been furnished the families of the deceased.

A. Ralph Albert Knouff

The Board of Trustees expresses its sorrow at the death on January 5, 1965, of Ralph Albert Knouff, Professor Emeritus of Anatomy.

Dr. Knouff was born in Centerburg, Ohio, in 1890. After receiving his B.A. degree in 1915 and his M.A. degree in 1916 from The Ohio State University, he completed his college work at the University of Chicago, where he received his Ph.D. in Anatomy in 1927. His teaching career with The

February 11, 1965 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph Albert Knouff (continued)

Ohio State University began in 1915 when he was appointed an Assistant in Physiology and the next year he was an Assistant in Anatomy. In 1917 Dr. Knouff joined the staff of the Department of Anatomy and served as an Instructor from 1917 to 1921; Assistant Professor from 1921 to 1928; Associate Professor from 1928 to 1931; and Professor from 1931 to 1961. He was made Professor Emeritus in 1961. For 14 years, from 1943 to 1957, Dr. Knouff served as Chairman of the Department of Anatomy. The quintessence of his teaching career came in his retirement year 1961, when he received the Alumni Award for Distinguished Teaching.

Dr. Knouff's teaching and research interests were predominantly in the field of microscopic anatomy. He was an authority on comparative histology and anatomy and was an excellent embryologist. He had a deep knowledge in histo-chemistry, cytology, and general histology and was the author and co-author of many scientific articles in these areas. His greatest pride and constant concern and interest throughout his life was microscopic anatomy with all the sciences related to it. He helped to lay a good foundation of histology upon which the present program has been built and is currently being expanded.

Dr. Knouff was an avid reader of scientific literature. His spirit of inquiry was rewarded by an amazing fund of broad knowledge, especially in histology and embryology. Discussions with him on a variety of subjects were always challenging and stimulating. His broad background of preparation and his fine personality made him a wise counselor and guide for students. Professor Knouff's friends and fellow faculty members respected this cultured, high-principled gentleman, renowned and honored teacher, and revered research colleague for his sincerity of purpose, thoroughness, integrity, and inspiration.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

B. J. Wayne Ley

The Board of Trustees expresses its sorrow at the death on January 15, 1965, of J. Wayne Ley, Professor, Department of Business Organization, and former Associate Dean of the College of Commerce and Administration.

Professor Ley was born in Newcomerstown, Ohio, on January 3, 1900. He received his B.Sc. degree from The Ohio State University in 1923 and his LL.B. degree from the Harvard Law School in 1927.

Before joining the University faculty as an Instructor in 1928, Professor Ley held high school teaching positions at East Akron and Logan. He also practiced law in Columbus from 1928 to 1933. In 1934 he became Division Counsel for the National Recovery Administration in Washington, D. C.

X. RESOLUTIONS IN MEMORIAM (continued)

B. J. Wayne Ley (continued)

Professor Ley returned to Ohio State in 1936 to assume a faculty position as Assistant Professor in the Department of Business Organization. During 1936-1937 he also served as the Senior Attorney for the Resettlement Administration in the Department of Agriculture. He was promoted to the rank of Associate Professor and Secretary of the College in 1938 and served in these positions for five years. During 1943 he was appointed Assistant Dean of the College and in 1946 was promoted to Professor and Associate Dean. Professor Ley returned to full-time teaching during 1959 after sixteen years as Assistant and Associate Dean.

He was a member of the Ohio State Bar Association, American Bar Association, Masonic Order, North Broadway Methodist Church, and Theta Chi, social fraternity. He was admitted to practice before the United States Supreme Court.

While in administration, Professor Ley made a substantial contribution to the continued progress of the College and University. In his business law and insurance courses he earned a reputation as a conscientious classroom teacher, demonstrating a devotion to his students and subject matter. Professor Ley's dedication to the College and University was recognized and respected by those in the academic community.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Appointment of Investment Counsel

In September, 1964, the Finance and Investment Committee met with all members of the Board as a committee of the whole, and a decision was made to review and study the matter of the retention of investment counsel to serve in connection with the management of the University Investment Portfolio.

As Chairman of the Finance and Investment Committee, and based upon action taken by that Committee, Mr. Loop presented the following recommendation:

XI. REPORTS (continued)

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

1. Appointment of Investment Counsel - Recommendation by Mr. Loop (continued)

It is hereby recommended that the firm of Scudder, Stevens and Clark, 320 Park Avenue, New York City, be engaged effective March 1, 1965, to provide investment counsel to the Board of Trustees and the University officials in the management of the University Investment Portfolio. It is understood that Scudder, Stevens and Clark are to provide counsel, statistical data on the University's portfolio and its performance, and recommendations for the prudent management thereof. It is understood, however, that the control and ultimate decision making for the investment portfolio shall remain with the Finance and Investment Committee and the Board of Trustees. The term of appointment is indefinite and understood to be on a month-to-month basis so that either party may cancel the arrangement upon thirty days' notice. The cost of the service will be computed quarterly, based on the portfolio market value at the beginning of each quarter. Charges will be calculated using a \$15,000.00 annual fee up to \$15,000,000.00 of portfolio value plus 0.05% of additional value, excluding static investments, and short-term investments. The Vice President for Business and Finance is authorized to proceed to establish the agreement with Scudder, Stevens and Clark on the basis of the foregoing delineation of services and responsibilities.

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

2. Report on the University's Investment Portfolio

The report on the status of the University's Investment Portfolio dated January 31, 1965, 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

In concluding the meeting, President Fawcett reviewed some of the significant activities of the University and reported on some special recognitions which have come to the University and its faculty and staff. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:



February 11, 1965 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report on Highlights of Campus Activities (continued)

1. A committee of five faculty members has begun the development of educational plans for a two-year general college at The Ohio State University. Creation of the general college is expected to change essentially the nature of this institution. The committee, now meeting three times each week, is headed by Professor Richard Zimmerman of the Mechanical Engineering Department. Other members of the committee are: Professor Elmer F. Baumer, Department of Agricultural Economics and Rural Sociology; Professor Robert C. Fisher, Department of Mathematics; Professor Edwin W. Robbins, Vice Chairman of the Department of English; and Professor Delos D. Wickens, Department of Psychology. The group serves under Vice President for Instruction, Dr. John C. Weaver. The proposed \$290 million Ohio bond issue recently announced by Governor Rhodes earmarks \$12.5 million for a start on the two-year college program.
2. About 40 central Ohio industrialists met here January 22 with one of the Nation's top space experts. Dr. George E. Mueller of Washington, D. C., who directs the manned space flight program, including the proposed lunar landing for the National Aeronautics and Space Administration, was visiting the campus. Dr. Mueller was on the engineering faculty here for 10 years.
3. Ohio State has begun a study aimed at determining the feasibility of establishing an International Center for Medical Research and Training at an African university. The study is being financed by a \$12,000.00 grant from the U. S. Public Health Service, which also would underwrite cost of the Center should one be organized.
4. Approximately 460 high-ranking undergraduate scholars will be honored at the University's eighth annual President's Scholarship Recognition Dinner on February 23, and Mr. Frederick R. Eckley, Executive Vice President of American Telephone and Telegraph Company, will present the address.

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Thereupon the Board adjourned to meet Thursday, March 11, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

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John T. Mount  
Secretary

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Smith L. Rairdon  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 11, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, March 11, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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March 11, 1965 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal to Grant the Master of Architecture Degree

The Faculty Council on February 9, 1965, upon the recommendation of the Council on Instruction 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--Master of Architecture.

The proposed Master of Architecture degree is built upon five years of intensive undergraduate study in architecture. The curriculum for the proposed master's degree provides a program of advanced professional education in a range of architectural specialities, including such areas as architectural design, architectural photogrammetry, control of architectural environment, building construction, and architectural education. The proposed new graduate degree will provide opportunity for the development of creative abilities and their application to the solution of complex architectural problems. Twenty-seven other universities grant the Master of Architecture degree: the University of Illinois, University of Michigan, University of Minnesota, University of California at Berkeley, Harvard University, and Massachusetts Institute of Technology are among the schools granting this degree.

The School of Architecture and Landscape Architecture at The Ohio State University is one of five institutions in the Nation which offers the three design-oriented programs--architecture, landscape architecture, and city planning. No other university in the State of Ohio grants the Master of Architecture degree. The new program can be accomplished within the present faculty and physical resources of the School of Architecture and Landscape Architecture.

It is therefore recommended that the above proposal to grant the degree, Master of Architecture, be approved by the Board of Trustees and pursuant to Section 3333.04 Revised Code of Ohio the proposal for the new degree be forwarded to the Ohio Board of Regents; and further, that subject to the approval of the Board of Regents that this action become effective Summer Quarter, 1965.

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

March 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Degrees Conferred - Winter Quarter Commencement Convocation

It is recommended that degrees be conferred at the Winter Quarter Commencement Convocation on March 19, 1965, to those students who have completed requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix III, page 373.)

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

C. Naming of Building - The Aeronautical and Astronautical Research Laboratory

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with Dean Harold A. Bolz, College of Engineering, and the chairman and faculty of the Department of Aeronautical and Astronautical Engineering, it is recommended that the new building at 3300 Case Road, referred to in the planning stages as the "Aeronautics and Missile Propulsion Laboratory," be officially named "The Aeronautical and Astronautical Research Laboratory."

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees. It is hereby recommended for your approval.

Upon motion of Mr. Loop, seconded by Mr. Ketterer, the Board of Trustees by a unanimous roll call vote approved the naming of the building located at 3300 Case Road as "The Aeronautical and Astronautical Research Laboratory."

D. Revision of Policies Governing the Admission of Students

The Ohio Board of Regents has recommended to the General Assembly of Ohio the appropriation of funds to assist in the support of 40, 100 full-time equivalent students on the Columbus main campus of The Ohio State University for the 1965-1966 academic year and the appropriation of funds to assist in the support of 4, 750 full-time equivalent students enrolled in branch programs of the University for the same period. (The Autumn Quarter full-time equivalent enrollment [FTE] is defined by the Board of Regents as 15 credit hours for undergraduate students, 12 credit hours for graduate students, and the number of persons enrolled in the professional colleges. The FTE is divided by three for the Summer Quarter, and it is averaged for the branch students over the three quarters of the academic year.)

It is estimated by the Ohio Board of Regents that the enrollment in Ohio colleges and universities will increase by 24, 000 in 1965-1966. Another statistic pertinent to our problem has been released by the Ohio Department of Education. The Department has estimated that the number of high school graduates in Ohio in June, 1965, will be 133, 349 as compared with 109, 524 in June, 1964.

March 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Revision of Policies Governing the Admission of Students (continued)

For the past several years slightly more than 6 per cent of the high school graduates in Ohio have enrolled as new freshmen on the Columbus campus of The Ohio State University for the Autumn Quarter following their graduation. It is, therefore, expected that approximately 8,200 new freshmen will seek enrollment on the Columbus campus for the Autumn of 1965 as compared with 6,691 in the Autumn of 1964. As of March 1, 1965, 5,608 new freshmen have been admitted to the Columbus campus and have paid the \$25.00 Orientation and Registration Fee.

According to the best estimates we have, there will be returning to the Columbus campus for the coming Autumn Quarter students in sufficient numbers (2,724 professional students, 5,709 graduate students, and 21,567 undergraduate students) to total 29,656 full-time equivalent students. It is further expected that enrollment on the Columbus campus for the Summer Quarter, 1965, will be 4,000 graduate students, 1,235 professional students, and 7,840 undergraduate students resulting in a full-time equivalent number of 3,500. The 29,656 FTE returning students added to the 3,500 FTE expected for the Summer Quarter leaves only 6,944 FTE new freshmen to be enrolled Autumn, 1965. Translated into head count, the above enrollment data means that 6,342 persons can be admitted as freshmen for the Autumn Quarter, 1965, as compared with 6,691 who entered Autumn Quarter, 1964. It is expected, however, that 8,200 persons will seek admission to the Columbus campus for Autumn Quarter, 1965. Consequently, policies must be adopted to enable the staff of the Admission's Office to select the limited number of students who may yet be admitted for the 1965-1966 academic year.

It is, therefore, recommended that in order to comply with the proposals of the Ohio Board of Regents regarding enrollment and financial support, the following policies governing the admission of students to The Ohio State University be adopted:

1. That the previously approved Board policies related to the admission of students into the Graduate School, the professional colleges, and to the admission of students as transfers with advanced standing shall be continued,
2. That the number of full-time regular freshmen to be admitted to the Columbus main campus in the Autumn Quarter, 1965, shall be limited to keep within the range of full-time equivalent enrollment set by the Ohio Board of Regents and that such limitation in admission shall be based upon those criteria commonly used by most universities for the selection of the best-qualified students, and,

March 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Revision of Policies Governing the Admission of Students (continued)

3. That in order to serve the greatest number of students within the funds available and to assure the fullest appropriate use of the University's physical facilities, it is further recommended that effective Autumn Quarter, 1965, and subject to the approval of the Ohio Board of Regents, a Columbus Branch of The Ohio State University be established using existing facilities to enroll students in courses scheduled for the late afternoon and evening hours. Those so enrolled shall be designated as branch students eligible for State tax support, as recommended by the Ohio Board of Regents.

With the adoption of the above recommendations it is intended that those persons who do not qualify for admission as regular full-time students on the Columbus main campus Autumn Quarter, 1965, shall be given the option of:

1. Enrolling for the academic year in the newly established Columbus Branch,
2. Enrolling for the academic year in one of the other branches of The Ohio State University,
3. Deferring enrollment in any one of the branch programs until the Winter or Spring Quarters, 1966, or
4. Enrolling in the Summer Quarter, 1965, as a regular student on the Columbus main campus as long as such enrollment is within the range of the full-time equivalent enrollment as set by the Ohio Board of Regents.

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

E. Report from The Ohio State University Housing Commission

On December 10, 1964, the Board of Trustees authorized an agreement between The Ohio State University and The Ohio State University Housing Commission pertaining to the construction and operation of two high-rise dormitories for approximately 3,840 students. On January 14, 1965, the Board of Trustees took further action to clarify the agreement.

On January 17, 1964, The Ohio State University Housing Commission, upon advice of Bond Counsel, Squire, Sanders and Dempsey, passed enabling resolutions and took all necessary action to implement the project.

Project architects, Schooley, Cornelius, and Schooley, were appointed on January 17, 1964, and their designs were reviewed by the University Architect, the Dormitory Management officials, the University Food Service officials, and the University Physical Plant Department officials. After suitable improvements based upon the suggestions made, plans and

March 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Report from The Ohio State University Housing Commission (continued)

specifications were approved by the Housing Commission on December 10, 1964, and backed by the December 10, 1964, resolution of the Board, the Commission advertised all trades on December 24, 1964. Bids were received on January 26, 1965, and were rejected by the Housing Commission on February 2, 1965, because the mechanical and electrical trades were above estimates, and other bids were in some respects imperfect. Re-advertising commenced on February 4, 1965, and bids were received on March 2, 1965. All were below estimates, and the Housing Commission voted to award contracts as follows on March 4, 1965.

	<u>Low Bid</u>
<u>General Contract</u>	
George F. Driscoll Company	
Base Bid	\$ 7,126,000.00
Alt. G-1 Grading, Lawns, Landscape	184,000.00
Alt. G-2 Parking Areas	60,000.00
Alt. G-3 Bridges and Walks	40,000.00
Alt. G-5 Carpet in Elevators and Corridors	46,000.00
Alt. G-6 Carpet in Foyer, Halls, and Proctor Studies	51,000.00
Alt. G-8 Resilient Floor in Room 2475	1,400.00
Total Contract	<u>\$ 7,508,400.00</u>
<u>Plumbing Contract</u>	
Huffman-Wolfe Co.	
Base Bid	<u>\$ 1,520,700.00</u>
<u>Heating and Ventilating Contract</u>	
Limbach Company	
Base Bid	<u>\$ 3,025,000.00</u>
<u>Electrical Contract</u>	
Gustav-Hirsch Organization, Inc.	
Base Bid	\$ 1,954,700.00
E-1 Ideal Generators	- 2,500.00
E-4 Alt. Bus Duct and Tap Off Switches	- 6,000.00
Total Contract	<u>\$ 1,946,200.00</u>
<u>Kitchen Equipment Contract</u>	
S. Blickman, Inc.	
Base Bid	<u>\$ 536,873.00</u>
<b>TOTAL ALL CONTRACTS</b>	<u><b>\$14,537,173.00</b></u>

The above action is subject to the satisfactory sale of The Ohio State University Housing Commission Bonds of 1965.

At the same meeting, the Commission established rates for room and board at \$280.00 per quarter, or \$840.00 per academic year.

March 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Report from The Ohio State University Housing Commission (continued)

The 30-year bonds, previously authorized, were advertised on March 4, and, assuming satisfactory bids, will be sold March 18 by the Commission. It is anticipated that the River Dormitories, with a total capacity of 3,840 students, will be ready for occupancy at the beginning of the Autumn Quarter, 1966.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Board of Trustees by a unanimous roll call vote received the report of the Housing Commission and commended the Commission for the actions taken in meeting the needs of the University for student housing. The Board by this action reaffirms its support of the Housing Commission's Olentangy River Dormitory Project financed by The Ohio State University Housing Commission Revenue Bonds of 1965.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the February 11, 1965 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, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Ivan C. Rutledge from Professor to Dean and Professor of the College of Law, effective July 1, 1965, at a salary of \$24,768.00 per annum.

Marlin O. Thurston from Professor to Professor and Chairman, Department of Electrical Engineering, effective July 1, 1965, at a salary of \$22,368.00 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 are recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Walter G. Harter, Instructor (Extension Economist, Farm Management), April 1, 1965 through June 15, 1965, to participate in a program of professional improvement at The Ohio State University.

William B. Phillips, Instructor (County Extension Agent, Agriculture) Mahoning County, April 1, 1965 through June 15, 1965, to participate in a program of professional improvement at The Ohio State University.



March 11, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

Paul L. Wright, Instructor (County Extension Agent, 4-H) Clinton County, December 16, 1964 through January 31, 1965, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Rosemary A. McConkey, Assistant Professor, College of Medicine, February 1, 1965 through March 31, 1965, to conduct a nutrition survey with the Interdepartmental Committee on Nutrition for National Defense.

Ila Ree Coe, Instructor (County Extension Agent, Home Economics) Lawrence County, Cooperative Extension Service, April 1, 1965 through June 15, 1965, to participate in a program of professional improvement at the University of Cincinnati.

Margaret A. Goode, Instructor, School of Nursing, April 1, 1965 through June 30, 1965, due to ill health.

Paul L. Wright, Instructor (County Extension Agent, 4-H) Clinton County, Cooperative Extension Service, February 1, 1965 through June 15, 1965, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Eric Ogden, Physiology, with the title Professor Emeritus, effective February 1, 1965.

Ray W. Kissane, Medicine, with the title Clinical Professor Emeritus, effective July 1, 1965.

Clifford C. Sherburne, Medicine, with the title Clinical Professor Emeritus, effective July 1, 1965.

Upon motion of Mr. Loop, seconded by Mr. Bricker, the Promotions, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346 - Ext. #3 - Department of Surgery).  
Gross Value - \$27,002.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Comparative Study of the Autonomic Nervous System (to be known as National Institutes of Health Project No. 1370 - Ext. #1 - Department of Anatomy).  
Gross Value - \$11,269.00.
- c. U. S. Navy Purchasing Office, 929 South Broadway, Box 5090 Metropolitan Station, Los Angeles, California, for a Study Program Related to Shipboard Antenna System Environment (to be known as U. S. Navy Purchasing Office Project No. 1522 - Mod. #4 - Department of Electrical Engineering).  
Gross Value - \$45,000.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Experimental Polioencephalomyelitis (to be known as National Institutes of Health Project No. 1582 - Sup. #1 - Department of Veterinary Pathology).  
Gross Value - \$5,655.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Study of Generalized Reinforcement (to be known as National Institutes of Health Project No. 1583 - Ext. #2 - Department of Psychology).  
Gross Value - \$9,596.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Neuro-respiratory Reflexes (to be known as National Institutes of Health Project No. 1627 - Ext. #3 - Department of Psychiatry).  
Gross Value - \$19,290.00.

March 11, 1965 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)

- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Nature of Conditioned Renal Responses (to be known as National Institutes of Health Project No. 1628 - Sup. #2 - Department of Psychiatry).  
Gross Value - \$21,982.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of CO<sub>2</sub> Transients Associated With Hyperventilation (to be known as National Institutes of Health Project No. 1647 - Ext. #2 - Department of Physiology).  
Gross Value - \$14,771.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1657 - Mod. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$80,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Ext. #1 - College of Dentistry).  
Gross Value - \$36,669.00.
- k. Department of Navy, Bureau of Naval Weapons, Washington, D. C., for an Investigation of Electronic Polarization Control (to be known as Bureau of Naval Weapons Project No. 1804 - Mod. #C/N 0750-65 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- l. Air Proving Ground Center, Air Force Systems Command, Eglin Air Force Base, Florida, for an Investigation of Psychological Effects of Non-Nuclear Warfare for COIN (to be known as Air Force Systems Command Project No. 1965 - New - Department of Psychology).  
Gross Value - \$40,757.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effect of Pyogenic Infection on Articular Cartilage (to be known as National Institutes of Health Project No. 1966 - New - Department of Surgery).  
Gross Value - \$22,143.00.

March 11, 1965 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)

- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967 - New - College of Pharmacy). Gross Value - \$10,110.00.
- o. National Science Foundation, Washington, D. C., for an Investigation of High Pressure Equilibrium and Crystal Chemical Relationships of the Humite Mineral Group (to be known as National Science Foundation Project No. 1969 - New - Department of Mineralogy). Gross Value - \$21,800.00.
- p. U. S. Army Natick Laboratories, Natick Massachusetts, for an Investigation of Earth Physics Northern Regions (to be known as U. S. Army Natick Laboratories Project No. 1970 - New - Institute of Polar Studies). Gross Value - \$13,854.00.
- q. National Science Foundation, Washington, D. C., for an Investigation of Detonation Properties of Heterogeneous Combustible Mixtures (to be known as National Science Foundation Project No. 1971 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$34,100.00.
- r. Air Force Office of Scientific Research, Washington, D. C., for an Investigation of Photochemical Generation of Divalent Carbon Derivatives (to be known as Air Force Office of Scientific Research Project No. 1975 - New - Department of Chemistry). Gross Value - \$16,199.00.
- s. Air Force Office of Scientific Research, Washington, D. C., for an Investigation of Formation of Detonation Waves in Flowing Gaseous Mixtures (to be known as Air Force Office of Scientific Research Project No. 1976 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$54,936.00.
- t. Department of State, Agency for International Development, Washington, D. C., for Training Program in Human Resource Development Planning and Evaluation of Potential for Effective Planning in Latin America (to be known as Agency for International Development Project No. 1978 - New - Department of Economics). Gross Value - \$30,000.00.

March 11, 1965 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)

- u. National Science Foundation, Washington, D. C., for an Investigation of the Taxonomy of Calcareous Green Algae (to be known as National Science Foundation Project No. 1979 - New - Department of Botany and Plant Pathology).  
Gross Value - \$23,000.00.
- v. Air Force Office of Scientific Research, Washington, D. C., for Study Response of a Large System to a Time-Dependent External Field (to be known as Air Force Office of Scientific Research Project No. 1980 - New - Department of Physics).  
Gross Value - \$63,090.00.
- w. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for Procurement of a Linear Electron Accelerator of Approximately 3mev and a Micro-second Pulsar (to be known as U. S. Atomic Energy Commission Project No. 1981 - New - Department of Chemistry).  
Gross Value - \$149,200.00.
- x. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for 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 - New - Department of Metallurgical Engineering).  
Gross Value - \$14,375.00.
- y. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of Physical Organic Chemistry of Imines and Imonium Ions (to be known as U. S. Army Research Office - Durham Project No. 1983 - New - Department of Chemistry).  
Gross Value - \$19,234.00.
- z. National Science Foundation, Washington, D. C., for an Investigation of Ice Surface Movements in Marie Byrd Land (to be known as National Science Foundation Project No. 1984 - New - Institute of Polar Studies).  
Gross Value - \$24,700.00.

TOTAL - Government Contracts - Federal \$838,732.00

March 11, 1965 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

- a. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, for The Identification of Malignant Cells in the Peripheral Blood (to be known as American Cancer Society Project No. 1698 - Ext. #1 - Department of Pathology).  
Gross Value - \$48,867.00.
- b. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, for Cancer Research (to be known as American Cancer Society Project No. 1972 - New - Department of Pathology).  
Gross Value - \$35,000.00.
- c. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Total Replacement of the Canine Heart (to be known as Central Ohio Heart Association Project No. 1973 - New - Department of Surgery).  
Gross Value - \$11,865.00.
- d. Purdue University, Office of Contract Administration, Executive Building, Lafayette, Indiana, for Mathematical Theory of Computation (to be known as Purdue University, Office of Contract Administration Project No. 1974 - New - Department of Mathematics).  
Gross Value - \$7,037.00.
- e. Ohio Contractors Association, Columbus Plaza Hotel, 50 North Third Street, Columbus, Ohio, for an Analysis of Typical Operating and Financial Ratios of Ohio Highways Contractors, Fiscal Year - 1965 (to be known as Ohio Contractors Association Project No. 1977 - New - Department of Accounting).  
Gross Value - \$11,324.00.

TOTAL - Industrial and Other Contracts \$114,093.00

The foregoing thirty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$952,825.00.

Upon motion of Mr. Davis, 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 vote.

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

During the period from February 1, 1965 through February 28, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

March 11, 1965 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 261    Nondestructive Tests for Welds in Highway Structures,  
            Ohio Department of Highways, Columbus, Ohio, Bureau  
            of Public Roads, Washington, D. C.  
            Gross Value - \$81,240.00.
- EES 262    Pavement Reflectance Versus Road Surface Structure,  
            Ohio Department of Highways, Columbus, Ohio, Bureau  
            of Public Roads, Washington, D. C.  
            Gross Value - \$34,596.00.
- EES 263    A Study of Highway Lighting, Ohio Department of Highways,  
            Columbus, Ohio, Bureau of Public Roads, Washington, D. C.  
            Gross Value - \$22,020.00.

TOTAL - Government Research Contracts \$137,856.00

2. Industrial Research Contract

- EES 247    A Study of Vee-Belts, Dayco Corporation, Belt Engineering  
Ext. #1    Department, Springfield, Missouri.  
            Gross Value - \$2,700.00.

The foregoing four contracts for research in the Engineering Experiment  
Station represent a gross income of \$140,556.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since  
February 11, 1965, and are hereby reported for the record. Appropriate  
expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$25,920.00 granted by the U. S. Department of Health, Education and  
Welfare, Public Health Service, National Institutes of Health, Bethesda,  
Maryland 20014, to the University for "Graduate Training - Psychiatry"  
under the direction of Dr. Leonard P. Ristine, Department of Psychiatry,  
for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-  
8386-02)

March 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$50,000.00 from the Estate of Gertrude S. Woodin--\$25,000.00 for the Gertrude S. Woodin Memorial Scholarship Fund for Music and \$25,000.00 for the Gertrude S. Woodin Scholarship Fund for Engineering.

Gertrude S. Woodin Memorial Scholarship Fund for Music

The Gertrude S. Woodin Memorial Scholarship Fund for Music was established February 17, 1965, by a bequest from Gertrude S. Woodin.

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 to provide scholarships for students enrolled in the School of Music of The Ohio State University who plan to teach music in the public schools. The awards are to be made by the University Scholarship and Loan Committee on recommendation of the School of Music of said University. Preference is to be given to qualified students with ability, character, and financial need.

In the event that the need for scholarships in the School of Music of said University ceases to exist or so diminishes as to leave unused income, then the income may be used by the Board of Trustees of The Ohio State University at its discretion for any purposes whatsoever.

Gertrude S. Woodin Memorial Scholarship Fund for Engineering

The Gertrude S. Woodin Memorial Scholarship Fund for Engineering was established February 17, 1965, by a bequest from Gertrude S. Woodin.

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 to provide scholarships for students enrolled in the College of Engineering of The Ohio State University. The awards are to be made by the University Scholarship and Loan Committee on recommendation of the College of Engineering of said University. Preference is to be given to qualified students with ability, character, and financial need.

In the event that the need for scholarships in the College of Engineering of said University ceases to exist or so diminishes as to leave unused income, then the income may be used by the Board of Trustees of The Ohio State University at its discretion for any purposes whatsoever.

2. \$12,000.00 from Corn Industries Research Foundation, Washington, D. C., for research in the Department of Chemistry.



March 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$9,018.00 from the Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
4. \$7,799.50--\$3,825.00 in securities and \$3,974.50 in cash from the Estate of Mona Fay Gee to be added to the Eugene C. Gee and Mona Fay Gee Memorial Fund, which was established on December 1, 1964, and reported to the Board on January 14, 1965. Total in fund \$278,627.12.
5. \$6,474.00 from the Mark L. Morris Animal Foundation--\$2,911.50 for the Mark L. Morris Foundation and \$3,562.50 for the Mark L. Morris Foundation under Dr. Loeb.
6. \$5,500.00 from The Borden Company Foundation, Inc. --\$1,500.00 for the Borden Agriculture Scholarship Fund; \$2,500.00 for the Borden Company Foundation, Inc. Undergraduate Research Award; and \$1,500.00 for the Borden Scholarship Fund in Veterinary Medicine.
7. \$5,088.50 from Louise A. Jencks (Mrs. William B.) and many friends for the William B. Jencks Memorial Fund.

William B. Jencks Memorial Fund

The William B. Jencks Memorial Fund was established February 18, 1965, by gifts through the Development Fund from Louise A. Jencks (Mrs. William B.) and many friends in his memory.

The principal is to be invested according to 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 graduate scholarships or fellowships to students who are candidates for advanced degrees in accounting. Recommendations for these awards are to be made by the Chairman of the Department of Accounting with the advice of its Graduate Committee.

In the event the Department of Accounting 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 purposes within the field of accounting as recommended by the appropriate administrative official of the University then directly responsible for accounting education at The Ohio State University.

8. \$5,000.00 from Owens-Illinois Glass Company Charities Foundation, Toledo, Ohio, for the proposed James Edward Hagerty Chair Fund.
9. \$5,000.00 from John Deere Foundation, Moline, Illinois, for the Agricultural Education Center.

March 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$3,600.00 from Organon, Inc. for the Organon, Inc. Fund in the College of Medicine.
11. \$3,567.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Medical Memorial Scholarship Fund.
12. \$2,758.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
13. \$2,667.42 in securities from William A. Dougherty for purposes to be designated by the donor at a later date.
14. \$2,500.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in Department of Ceramic Engineering.
15. \$1,875.00 from Aluminum Company of America, Cleveland, Ohio, for the ALCOA Foundation Scholarship Fund for 1965-66.
16. \$1,500.00 from United Engineering Trustees, Inc., New York, New York, for research in the Department of Welding Engineering under the direction of Professor Clarence E. Jackson.
17. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
18. \$1,500.00 from James H. Hoffman, Mansfield, Ohio, for the Centennial Fund.
19. \$1,433.63 from the Midwest Foundation for Research and Education for the Midwest Foundation for Research and Education in the College of Medicine.
20. \$1,000.00 from William B. Hoyer--\$600.00 for the Charles W. Griffith Memorial Fund and \$400.00 as an undesignated gift to the University.
21. \$1,000.00 from the Estate of Erdis G. Robinson as an undesignated gift to the University.
22. \$1,000.00 from Mrs. William M. MacNevin for the William M. MacNevin Memorial Fund.
23. \$1,000.00 from Astra Pharmaceutical Products, Inc., Worcester, Massachusetts, for research in the College of Medicine under the direction of Dr. Sidney Nelson.

March 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

- 24. \$1,000.00 from Forrest G. Ketner for The Forrest G. Ketner Scholarship Fund.

The Forrest G. Ketner Scholarship Fund

The Forrest G. Ketner Scholarship Fund was established December 30, 1964, by a gift through the Development Fund from Forrest G. Ketner, nationally recognized leader in the field of livestock marketing and who served for fourteen years as a member of the Board of Trustees of The Ohio State University and twice as its Chairman.

The principal is to be invested in accordance with G. C. Sec. No. 3345.16.

The income is to be used for scholarships in the College of Agriculture and Home Economics as provided in the stipulations therefor on file in the Office of the Dean of the College of Agriculture and Home Economics.

TOTAL - Received Through the Development Fund \$133,781.05.

C. Gift-in-Kind

- 1. A gift of a 30 Kw, 12 Mc High-Frequency Oscillator from General Motors Corporation, Fisher Body Division, Warren, Michigan, for use in the Department of Welding Engineering.

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

D. Report from The Ohio State University Development Fund

In January, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	390	\$309,390.47
Individuals, other than alumni	132	7,642.75
Nonprofit organizations	33	122,319.42
Business concerns	24	51,785.84
	<u>579</u>	<u>\$491,138.48</u>

Of these gifts, 263 totaling \$3,847.66 were undesignated and 316 totaling \$487,290.82 were designated.

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March 11, 1965 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. The Ohio State University Press

Upon the request of the Dean of the Graduate School and the Editorial Board for the University Press, it is recommended that an amount not to exceed \$30,000.00 be allocated from the University Treasurer General Fund to The Ohio State University Press, for the fiscal year 1965-1966.

Upon motion of Mr. Bricker, seconded by Mr. France, the foregoing recommendation for appropriation of funds was approved by unanimous roll call vote.

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VI. EXTRA ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance and with the concurrence of the Council on Business Affairs, it is recommended that the Extra Order to Contract and the Extensions of Time for Completion of Contracts be approved by the Board of Trustees:

A. Improvement of North End of Fyffe Road

It is recommended that additional underground piping be provided and installed. After the work was started it was found that the location of the sewers was not as shown on the drawings and therefore the amount of piping required was increased.

Add	<u>\$565.40</u>
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Funds will be provided from Department 2355, Budget Account 12350, H. B. 711.

B. Remodeling of Highway Testing Laboratory

It is recommended that an extension of time for completion of contract be approved for all divisions from March 25 to May 24, 1965. The delay of completion was caused by a change order requiring new aluminum windows which could not be delivered until January 25 thus delaying all interior finishing work.

C. Repairs to Southeast Tower--Ohio Stadium

It is recommended that an extension of time for completion of contract be approved for all divisions from March 15 to May 1, 1965. A delay in receipt of ceramic tile, door frames, and special curved windows held up the work of all contractors.

Upon motion of Mr. Davis, seconded by Mr. Loop, 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 and with the concurrence of the Council on Business Affairs, it is 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 - Medical Area

This project is a seven-story parking garage for 830 car spaces.

Funds will be provided from Department 3135, Budget Account 91031.

B. Research Space, East Side of Stadium (Phase III)

This project consists of finishing the second floor to provide offices and laboratories for the Department of Aviation Psychology.

Funds will be provided from Department 3105, Budget Account 91020.

C. Jones Tower (Student Housing Building No. 11)

This project is a twelve-story residence hall which will house 870 students similar in design to Drackett Tower and Taylor Tower.

Funds will be provided from the Dormitory Construction Fund.

D. Relocate Air Force Uniform Storage

This project will provide space in the north side of the Arena for the storage of Air Force uniforms.

Funds will be allocated from the military portion of the Mershon Fund for this purpose.

E. Revision of Acid Waste System in Evans Chemistry Laboratory

The sewers in this building are undersized and to eliminate the present flooding conditions, this project will enlarge the acid waste system.

Funds for this project will be provided from the Maintenance Fund in H. B. 711.

F. Improvements of Fire Alarm Systems

Improvements and extensions of fire alarm systems in Botany and Zoology Building, Derby Hall, Library, Maintenance Building, McPherson Chemical Laboratory, Stores and Receiving Building, Townshend Hall, and Vivian Hall.

Funds for this project will be provided from the Maintenance Fund in H. B. 711.

VII. PLANS AND SPECIFICATIONS

G. Utility Extensions Northeast Corner of Campus

This project includes additional utility lines to assure adequate service for the new buildings in the northeast corner of the campus.

Funds for this project will be provided from Item 315-030, S. B. 370.

H. Antenna Laboratory - Control Facility at Saucer Laboratory

This project is a one-story building for the operation and control of the Satellite Tracking Antennas.

Funds for this project will be provided from Department 3113, Budget Account 91034.

I. Garage, Phase II

This project includes the relocation of the Veterinary Clinic facility, some of which will remain as part of the permanent "Garage" facility for the Motor Pool and some of which will be required for the Veterinary Hospital facility during its interim occupancy. A portion of the expenditure will be salvable.

Funds will be provided from the University Treasurer General Fund and the work will be accomplished through Force Account.

J. Garage Utilities and Paving

This project provides permanent water service lines and sewers for the entire area and paving base and site work.

Funds will be provided from the University Treasurer General Fund.

K. Repairs and Improvements to Ohio Stadium Press Box

This project includes repairing the entire floor of the Press Box plus an extension of the upper level to provide two new cubicles at each end.

Funds will be provided from the Athletic Revenue Fund.

L. Aeronautical and Astronautical Research Laboratory

This project is a new airport facility for basic research in dynamics and energy conversion.

Funds will be provided from Item 315-008, S. B. 370.

M. Pharmacy Building

This project is a new Health Center facility for relocation and expansion of the College.

Funds will be provided from Item 315-014, S. B. 370.

VII. PLANS AND SPECIFICATIONS (continued)

N. College of Commerce Improvements

This project includes rehabilitation and remodeling in Page Hall and the older portion of Hagerty Hall.

Funds for this project will be provided from Item 315-024, S. B. 370, and the Maintenance Account, H. B. 711.

O. General Academic Facility - Lima Campus

This project is an academic building, including classrooms, laboratories, offices, an auditorium, library, and student services facility.

Funds for this project will be provided from Item 315-018, S. B. 370.

P. General Academic Facility - Mansfield Campus

This project is an academic building, including classrooms, laboratories, offices, an auditorium, library, and student services facility.

Funds for this project will be provided from Item 315-019, S. B. 370.

Q. Chemistry Research Facilities

This project is a four-story addition to Evans Laboratory of Chemistry.

Funds for this project will be provided from Item 315-010, S. B. 370.

R. Engineering Classroom and Laboratory Building

This project provides facilities for Civil Engineering, Engineering Drawing, and the College of Engineering administrative offices.

Funds for this project will be provided from Item 315-007, S. B. 370.

S. Modernization of Engineering and Physical Science Facilities

This project includes renovations in Orton Hall and Mendenhall Laboratory for the Department of Geology.

Funds for this project will be provided from Item 315-021, S. B. 370.

T. Construction of Curl Drive

This project includes the roadway and site improvement for the North Dormitory Complex.

Funds for this project will be provided from Item 315-006, S. B. 370.

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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March 11, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Modernization of Elevators--Mack Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 2-23-65)		
Otis Elevator Company (Columbus)	\$ 40,553.00	\$ 46,000.00

Funds for this project will be provided from Dormitory Contract Repair and Replacement Fund.

B. Boiler Demolition

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 2-23-65)		
Gurina Company (Columbus)		
Base Bid	\$ 8,000.00	\$ 14,000.00
Alt. 1 Ash Pit Removal	2,500.00	4,000.00
Total Contract	<u>\$ 10,500.00</u>	<u>\$ 18,000.00</u>

Funds for this project will be provided from Item 315-016, S. B. 370.

C. University Airport Heating Plant

	<u>Low Bid</u>	<u>Est. of Cost</u>
(9 bids received 2-23-65)		
Julian Speer Company (Columbus)	\$ 3,564.00	\$ 5,000.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

D. Dentistry Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-11-65)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$ 307,000.00	\$ 363,800.00
Alt. G-1 North Entrance	8,000.00	8,000.00
Alt. G-2 Second Floor Renovations	13,000.00	17,000.00
Alt. G-3 Third Floor Renovations	17,000.00	30,000.00
Alt. G-4 Remove Exterior Stair	3,000.00	5,000.00
Total Contract	<u>\$ 348,000.00</u>	<u>\$ 423,800.00</u>



March 11, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Dentistry Laboratories (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(2 bids received 2-11-65)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 134,475.00	\$ 131,000.00
Alt. HV-1 North Entrance	401.00	522.00
Alt. HV-2 Second Floor Renovations	3,718.00	3,400.00
Alt. HV-3 Third Floor Renovations	8,699.00	8,850.00
Alt. HV-4 Air Conditioning, East End, Third Floor	8,474.00	10,800.00
Alt. HV-5 Air Conditioning, West End, Third Floor	11,117.00	11,750.00
Total Contract	<u>\$ 166,884.00</u>	<u>\$ 166,322.00</u>

Plumbing Contract

(2 bids received 2-11-65)

Piping Contractors Co. (Columbus)

Base Bid	\$ 61,878.00	\$ 60,000.00
Alt. P-1 North Entrance	291.00	599.00
Alt. P-2 Second Floor Renovations	7,076.00	9,268.00
Alt. P-3 Third Floor Renovations	10,448.00	13,199.00
Total Contract	<u>\$ 79,693.00</u>	<u>\$ 83,066.00</u>

Electrical Contract

(8 bids received 2-11-65)

Electrical Contractors, Inc.  
(Columbus)

Base Bid	\$ 68,800.00	\$ 96,000.00
Alt. E-1 North Entrance	210.00	300.00
Alt. E-2 Second Floor Renovations	3,100.00	3,320.00
Alt. E-3 Third Floor Renovations	6,000.00	6,690.00
Alt. E-4 Air Conditioning, East End, Third Floor	450.00	531.00
Alt. E-5 Air Conditioning, West End, Third Floor	550.00	749.00
Total Contract	<u>\$ 79,110.00</u>	<u>\$ 107,590.00</u>

TOTAL ALL CONTRACTS	<u>\$ 673,687.00</u>	<u>\$ 780,778.00</u>
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Funds for this project will be provided from Item 315-004, S. B. 370.

E. Dayton Branch - Science Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-18-65)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$1,013,800.00	\$1,071,917.00
Alt. G-1 Greenhouse	6,500.00	12,000.00
Alt. G-2 Masonry Waterproofing	2,500.00	2,500.00
Alt. G-3 Fixed Seating	26,500.00	35,000.00
Total Contract	<u>\$1,049,300.00</u>	<u>\$1,121,417.00</u>

March 11, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. Dayton Branch - Science Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u> (5 bids received 2-18-65)		
Terry P. Smith, Inc. (Lima)		
Base Bid	\$ 389,203.00	\$ 417,111.00
Alt. M-2 Greenhouse	2,514.00	955.00
Total Contract	<u>\$ 391,717.00</u>	<u>\$ 418,066.00</u>
 <u>Plumbing Contract</u> (5 bids received 2-18-65)		
Terry P. Smith, Inc. (Lima)		
Base Bid	\$ 230,820.00	\$ 249,942.00
Alt. P-1 Vac. Cleaning System	4,541.00	4,370.00
Total Contract	<u>\$ 235,361.00</u>	<u>\$ 254,312.00</u>
 <u>Electrical Contract</u> (3 bids received 2-18-65)		
Bohn & Snead, Inc. (Dayton)		
Base Bid	\$ 226,947.00	\$ 285,665.00
Alt. E-1 Vac. Cleaning System	883.00	650.00
Alt. E-3 Greenhouse	1,280.00	875.00
Total Contract	<u>\$ 229,110.00</u>	<u>\$ 287,190.00</u>
 <u>Laboratory Equipment Contract</u> (6 bids received 2-18-65)		
Kewaunee Technical Furniture Co. (Statesville, North Carolina)		
Base Bid	\$ 125,244.00	\$ 160,575.00
 <u>Elevator Contract</u> (4 bids received 2-18-65)		
Otis Elevator Co. (Cleveland)		
Base Bid	\$ 26,200.00	\$ 26,801.00
 <u>Movable Partitions Contract</u> (3 bids received 2-18-65)		
Virginia Metal Products Co. (Orange, Virginia)		
Base Bid	\$ 17,993.00	\$ 25,600.00
<b>TOTAL ALL CONTRACTS</b>	<u><b>\$2,074,925.00</b></u>	<u><b>\$2,293,961.00</b></u>

Funds will be provided from Item 315-017, S. B. 370.

Upon motion of Mr. Davis, seconded by Mr. Bricker, 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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IX. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 132 Approves the release of \$136,900.00 from Item 315-004, S. B. 370, so that bids can be taken on equipment items for "Dentistry Laboratories."
- 133 Approves the release of \$1,959,000.00 from Item 315-002, S. B. 370, to provide funds for the contracts on the project "Materials Engineering and Science Building."
- 134 Approves the transfer of \$100,000.00 from Item 315-002 to Item 315-030, S. B. 370, for the purpose of providing additional utility service requirements to the North Campus.
- 136 Approves the release of \$2,852,740.00 from Item 315-017, S. B. 370, to provide funds for the contracts on the project "Dayton Branch."
- 137 Approves the expenditure of \$7,000.00 from the Hospital Rotary for the contract on the project "University Hospital Corridor Repairs."
- 138 Approves the award of contract and expenditure of maintenance funds in H. B. 711, in an amount not to exceed \$14,500.00, for the project "Repairs to Lord Hall."
- 140 Approves the release of \$831,700.00 in Item 315-009, S. B. 370, for the acquisition of land in the Medical Center area.
- 141 Approves the request for 10-day advertising for a standard commercial building to serve as a temporary Veterinary Clinic and Hospital.
- 142 Approves the expenditure not to exceed \$13,800.00 from Item 315-200, H. B. 711, to provide funds for the project "Improvements in Horticulture and Forestry Building."
- 143 Approves the transfer of \$800,000.00 from Item 315-016 College of Medicine - Plans to Item 315-015 College of Medicine - Land, S. B. 370, and releases these funds for the purchase of land in the Medical Center area.
- 5 Approves the release of \$70,000.00 to The Ohio State University from emergency funds appropriated under S. B. 370, Item 910-001, and the transfer of these funds to a new account Item 315-029 "Pulsed Van de Graaff Accelerator Facility."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineers - Garage and Veterinary Clinic Relocation

It is recommended that the engineering firm of Ayres, Konneker and Associates be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing; and electrical work for above project; including design; preparation of drawings; specifications and estimate of cost; and complete field supervision of construction.

March 11, 1965 meeting, Board of Trustees

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

A. Employment of Engineers - Garage and Veterinary Clinic Relocation (continued)

The fee for this service will be 5 1/2 per cent of the cost of the Mechanical and Electrical work, an estimated \$13,750.00 and will be funded from Department 3151, Budget Account 91040.

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

B. Demolition of Teaching Aids Laboratory

Upon the request of the Vice President for Business and Finance and with the concurrence of the Cabinet, it is recommended that the temporary structure housing the Teaching Aids Laboratory be demolished as soon as practical. This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Business and Finance.

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

C. Purchase of Buildings and Property, 1623-1625 Perry Street

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Nor-Jon, Inc., at a price of \$101,000.00:

Property known as 1623-1625 Perry Street, being a tract 132' x 100', Rowe Subdivision, identified further as being Auditor's Parcels 42874 and 57889, City of Columbus, County of Franklin, State of Ohio.

Funds will be provided from Item 315-015, College of Medicine, S. B. 370.

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

D. Acquisition of Property - 176 West Ninth Avenue

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 located between Ninth and Eleventh Avenues, bounded on the east by High Street and on the west by Neil Avenue; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of dormitory, educational, research, and service facilities, will be required to acquire most, if not all, of the land lying between Ninth and Eleventh Avenues east of Neil Avenue and west of High Street; and

March 11, 1965 meeting, Board of Trustees

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

D. Acquisition of Property - 176 West Ninth Avenue (continued)

WHEREAS, the Trustees of The Ohio State University deem that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and 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 to proceed with the purchase of the following described real estate as soon as funds are available from S. B. 370 or other authorized sources of funds designated for this purpose and, in the event negotiations should fail, that pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees, be requested to take steps to acquire by condemnation, for the State of Ohio, and said University, the following described real estate located in Columbus, Franklin County, Ohio:

Lot No. 58, Elizabeth J. McMillen's University Subdivision, Columbus, Franklin County, Ohio, and commonly known as 176 West Ninth Avenue. The owner of record is Alumni Fund, Inc.

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

E. Acquisition of Property for Educational, Research, Housing, 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 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, except for the eastern one-half of the block bounded by Neil Avenue, West Eighth Avenue, Michigan Avenue, and West Ninth Avenue; 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 the following described real estate with funds already appropriated and released from S. B. 370 for this purpose and, in the event negotiations to purchase said

March 11, 1965 meeting, Board of Trustees

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

E. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

property at a fair and just compensation fail, then, pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees, shall be requested to exercise the right of "eminent domain" and acquire by condemnation for the State of Ohio, and said University, the following described real estate located in City of Columbus, Franklin County, Ohio:

Lot No. 1 and Parcel No. 32045, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1575 Neil Avenue. The owner of record is Ohio Tuberculosis and Health Association.

Lots Nos. 2, 3, and 4, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1581 Neil Avenue. The owners of record are J. K. and John B. Gardiner.

Lots Nos. 5 and 6, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1597 and 1603 Neil Avenue. The owners of record are Martha J. Smith, et al.

Being the East 85' off Lot No. 7, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1607 Neil Avenue. The owner of record is 1607 Neil Avenue, Inc.

Being the West 62.1' off Lot No. 7, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 293-295-297 West Tenth Avenue. The owners of record are E. D. and Ella Humphrey.

Being the East 28.6' off Lot No. 8, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 303 West Tenth Avenue. The owner of record is Richard Patton.

Being the West 5' off Lot No. 10 and Lots Nos. 11, 12, 13, and 14, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 315-317, 321, 325 and 331 West Tenth Avenue. The owner of record is Neill Rife.

Lot No. 17, the East one-half of Lot No. 16 and the West 22' off Lot No. 18, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 328-330 and 332-334 West Ninth Avenue. The owner of record is Thirteenth Avenue Realty, Inc.

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

E. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

Being the East 16' off Lot No. 18 and the West 29' off Lot No. 19, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 322 West Ninth Avenue. The owner of record is Della Ferris.

Lot No. 22, William N. King's Neil Avenue Subdivision, Columbus, Franklin County, Ohio, and commonly known as 304-306 West Ninth Avenue. The owner of record is Roderick Thomas.

Lot No. 1 and the East 18.25' off Lot No. 2, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 355 West Ninth Avenue. The owner of record is Mark D. Feinknopf.

Being the West 18.25' off Lot No. 2 and the East 31.75' off Lot No. 3, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 363 West Ninth Avenue. The owner of record is H. S. Peters.

Being the West 5' off Lot No. 3, all of Lot No. 4, and the East 2' off Lot No. 5, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 367 West Ninth Avenue. The owner of record is Allen Bros. and O'Hara, Inc.

Being the West 32.5' off Lot No. 5 and the East 18.25' off Lot No. 6, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 377 West Ninth Avenue. The owner of record is Lillian Glanz.

Being the West 18.25' and the North 126.95' off Lot No. 6 and the North 126.95' off Lot No. 7, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 381 West Ninth Avenue. The owner of record is Allen Bros. and O'Hara, Inc.

Being the West 18.25' and the South 49.7' off Lot No. 6 and the South 49.7' off Lot No. 7, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1556-1558 Belmont Avenue. The owner of record is Allen Bros. and O'Hara, Inc.

Being the North one-half of Lot No. 8, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 393 West Ninth Avenue. The owner of record is Samuel Orwig.

March 11, 1965 meeting, Board of Trustees

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

E. Acquisition of Property for Educational, Research,  
Housing, and Service Facilities (continued)

Being the South one-half of Lot No. 8, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1555 Belmont Avenue. The owners of record are Paul H. and Erika Bourguignon.

Lot No. 9, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 399 West Ninth Avenue. The owner of record is Mary E. Frick.

Lot No. 10, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 405 West Ninth Avenue. The owner of record is Della Blake.

Lot No. 11, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 409 West Ninth Avenue. The owner of record is Roy C. Crater.

Lot No. 12, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 411 West Ninth Avenue. The owner of record is Catherine Meara.

Lot No. 13, except for a 3.5' x 40' tract off the Southwest corner, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 419 West Ninth Avenue. The owner of record is James K. Simakis.

Being the North 130' off Lot No. 14, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 423 West Ninth Avenue. The owner of record is Minerva Beck.

Being the South 47.2' off Lot No. 14 and a 3.5' x 40' tract off Lot No. 13, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1560 Perry Street. The owners of record are H. N. and Louise V. Morrow.

Lot No. 25, and the West 4.75' off Lot No. 26, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 368 West Ninth Avenue. The owner of record is Frieda H. Jones.

Lot No. 29, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 343-345 West Tenth Avenue. The owners of record are Beatrice T. Cohen and Lillian Glanz.



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

E. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

Lot No. 31, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 353 West Tenth Avenue. The owner of record is Gypsy M. Pettit.

Lot No. 41, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 407 West Tenth Avenue. The owner of record is Mary E. Kline.

Lot No. 42, Elizabeth King's Olentangy Subdivision, Columbus, Franklin County, Ohio, and commonly known as 411 West Tenth Avenue. The owner of record is Eventide, Inc.

Being a part of Rowe Subdivision, Parcel No. 47046, and 36' of Lot No. 1, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1567 and 1573 Perry Street. The owner of record is Clarice R. Koepf.

Lot No. 2 and 6' of Lot No. 1, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1579 Perry Street. The owner of record is Mary V. Wells.

Lot No. 3, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1583-1585 Perry Street. The owner of record is Margaret Ziebold (LE).

Lot No. 4, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1595 Perry Street. The owners of record are Dorothy M. Hoffman and Louise C. Pavlish.

Lot No. 5, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1601 Perry Street. The owner of record is Ruth C. Peattie.

Lot No. 6, Rowe Subdivision, Columbus, Franklin County, Ohio, and commonly known as 1607 Perry Street. The owner of record is Marvel S. Crabbs.

Being the South 100' off Lot No. 45, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 446 West Eighth Avenue. The owner of record is M. Berkman.

Being Lot No. 44, except for a 20' x 40' tract off the Northeast corner and further identified as Parcel No. 26532, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 450 West Eighth Avenue. The owners of record are Joseph C. and Lois A. Reinbolt.

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

E. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

Being a tract 40' x 55' off the North side of Lots Nos. 43 and 44, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 1557 and 1559 Perry Street. The owners of record are Helen A. and Russell A. Grimm.

Being the East 31' off Lot No. 45, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 454 West Eighth Avenue. The owners of record are Charles M. Chapman, Jr. and Carolyn V. Chapman.

Lot No. 46 and the West 4' off Lot No. 45, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 458 West Eighth Avenue. The owners of record are Arthur P. and Norma J. Young.

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

F. Airport Emergency Service Building and Expansion of Ramp Area

On June 30, 1964, the University submitted a request to the Federal Aviation Agency for aid in a project to construct an Airport Emergency Service Building and to expand the main ramp area. The total project was estimated to cost \$249,300.00, of which the University proposed to use purchased land in the amount of \$124,650.00 as offset to the requested grant of \$124,650.00 from the Agency.

On October 19, 1964, a notice was received from the Federal Aviation Agency stating that an allotment of \$118,650.00 had been made as a basis for development of the program.

It is, therefore, requested that the President be authorized to sign a formal Federal Aviation Agency Application for Federal Aid on the project. A further report will be made to the Board when costs are determined and the Grant Agreement is available for approval.

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

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Bond Resolution, Fifth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following report and resolutions concerning the financing of student housing and dining facilities, consisting of Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility, the interim financing thereof, the issuance of Dormitory Revenue Bonds Series J, and the request for Designation of Special Counsel by the Attorney General.

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, Trustee, which is made a part of these minutes (see Appendix IV, page 405).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement in all respects, and the officers designated in the Series J Bond Resolution are hereby authorized to execute and deliver such Fifth Supplemental Trust Agreement 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 Fifth 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 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 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 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.

March 11, 1965 meeting, Board of Trustees

XI. REPORTS (continued)

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

1. Bond Resolution, Fifth Supplemental Trust Agreement, Parietal Rules and Rates, and Related Matters (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 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  
\$11,000,000 Dormitory Revenue Bonds, Series J

1. Net income from existing dormitory facilities for the fiscal year ending June 30, 1964 (Note 1)	\$2,228,793
2. Estimated annual net income from dormitory facilities being financed through issuance of the Series I Bonds, viz., Drackett Tower. (Note 2)	239,250
3. Estimated annual net income from North Commons and dormitory facilities to be financed by the issuance of the Series J Bonds (Note 2)	
North Commons, Houck, Nosker, Archer and Taylor (construction bids already taken)	\$427,350
Jones, Dennis, Northeast Dining Facility (construction bids not yet taken)	<u>297,550</u>
Total	<u>724,900</u>
4. Total estimated net income from existing facilities described in Item 1 and facilities to be constructed from proceeds of Series I Bonds and Series J Bonds referred to in Items 2 and 3	<u>3,192,943</u>
5. Maximum amount to become due in any succeeding fiscal year for principal and interest on Series A, B, C, D, E, F, G, H, I and J Bonds. (Note 3)	<u>1,964,593</u>
6. Ratio of total net income to maximum principal and interest requirements on Series A, B, C, D, E, F, G, H, I and J Bonds	<u>1.6252</u>

March 11, 1965 meeting, Board of Trustees

XI. REPORTS (continued)

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

1. Bond Resolution, Fifth Supplemental Trust Agreement  
Parietal Rules and Rate, and Related Matters (continued)

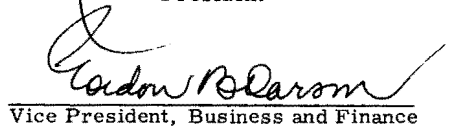
Schedule of Expected Earnings Coverage under Section 6(b)  
of Bond Resolution as of July 1, 1967 for Issuance of  
\$11,000,000 Dormitory Revenue Bonds, Series J

- 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 computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses consistent with those experienced in similar existing facilities. 95% occupancy is consistent with experience to date. It is hereby certified that facilities under Item 2 will be placed in operation by September, 1965, and that facilities covered in Item 3 will be in operation and revenue producing by September, 1966.
- Note 3 Series I Bonds and Series J Bonds computed at 3-3/4% for 38 years. Series A through H computed on basis of actual interest rates for those bonds.

CERTIFICATE

The undersigned respectively, President and Vice President, Business and Finance (also being the Business Manager), of The Ohio State University, hereby certify as to the facts set forth in the above schedule, and that the estimates therein set forth are valid in their best judgment.

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Vice President, Business and Finance

XI. REPORTS (continued)

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

2. Designation of Special Counsel

RESOLVED, that the Board of Trustees of The Ohio State University hereby determines that it is in the interest of the University to obtain the services of Squire, Sanders & Dempsey in connection with the issuance of its Dormitory Revenue Bonds, and accordingly the President and the Vice President, Business and Finance, and each of them, are authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as special counsel to the University on the terms set forth in the form of designation which is made a part of these minutes (see Appendix V, page 435).

3. Interim Financing

RESOLUTION providing for the issuance of \$11,000,000 of Dormitory Revenue Notes of 1965 of The Ohio State University for the purpose of constructing and equipping dormitories and dining facilities to be known as 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, the Board has and does hereby determine and confirm that it is necessary to provide dormitory and dining facilities and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip dormitories and dining facilities to be known as 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"), the cost of which is presently estimated to be \$11,000,000; and

WHEREAS, the University has determined to borrow the funds to pay the foregoing costs, and to issue its Dormitory Revenue Bonds, Series J, in the principal amount of \$11,000,000 pursuant to Section 3345.07 of the Revised Code of Ohio, and pursuant to resolution of the Board duly adopted this day authorizing said Bonds (herein called the "Bond Resolution"); and

WHEREAS, the University has and does hereby determine and confirm that it is necessary to issue notes to pay the interim construction costs prior to the issuance and delivery of said Series J Bonds; and

March 11, 1965 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing (continued)

WHEREAS, The Ohio National Bank of Columbus, of Columbus, Ohio, (herein called the "Original Purchaser") has submitted a proposal for the purchase of said notes at par and a premium of \$110.00 plus accrued interest and at an interest rate of 2.65% 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 \$11,000,000 pursuant to Section 3345.07 of the Revised Code of Ohio for the purpose of paying the costs of the Project.

Section 2. Said 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 by First through Fifth Supplemental Trust Agreements) 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 said Dormitory Revenue Bonds, Series J, or notes issued pursuant to Revised Code Section 3345.07 to refund the notes authorized hereby; and neither the Board nor the State of Ohio is obligated to pay the principal of or interest on said 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.

Section 3. Said definitive notes shall be designated "Dormitory Revenue Notes of 1965," shall be dated March 15, 1965, shall mature September 15, 1966 shall bear interest at the rate of 2.65 percent per annum payable semiannually on September 15, 1965, March 15, 1966 and September 15, 1966. Said notes shall be in the denominations of \$100,000 or any larger amount which is a multiple of \$5,000 or may be represented by a temporary single note for the entire issue, as requested by the Original Purchaser. Said notes shall be payable at the places and in the manner stated in Appendix VI, pages 441 and 442, and shall be signed by any two of the following: The Chairman of the Board, the President, the Vice President, Business and Finance, and the Secretary of the Board. Said notes shall be substantially in the form shown in Appendix VI, pages 441 and 442, the terms and covenants of which are incorporated herein, with such changes not detrimental to the University as the officers signing the same may approve, such approval to be conclusively evidenced by the execution and delivery of said notes.

March 11, 1965 meeting, Board of Trustees

XI. REPORTS (continued)

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

3. Interim Financing (continued)

Section 4. Said notes are hereby awarded to The Ohio National Bank of Columbus, of Columbus, Ohio, in accordance with their proposal and this resolution, and the Vice President, Business and Finance, is 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 Treasurer of the University is hereby authorized to deposit the proceeds of said 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, except that until the Series J Bonds are issued said note proceeds may also be invested in obligations of agencies and instrumentalities of the United States, as well as direct obligations of and those guaranteed as to principal and interest by the United States.

Upon motion of Mr. Loop, seconded by Mr. Davis, the above resolutions were unanimously adopted by roll call vote.

4. Report on the University's Investment Portfolio

The report on the status of the University's Investment Portfolio dated February 28, 1965, 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. Alumni Distinguished Teaching Awards

The Secretary was instructed to record in the minutes of this meeting the names of those members of the faculty who were honored at the Winter Quarter Faculty Meeting on February 24, 1965, and presented with the Alumni Distinguished Teaching Awards. They are as follows:

Professor James F. Fullington, Professor, Department of  
English  
Professor William F. McDonald, Professor, Department of  
History  
Dr. John A. Prior, Professor and Associate Dean, College of  
Medicine  
Professor Harold Shechter, Professor, Department of Chemistry  
Professor William T. Morris, Professor, Department of Industrial  
Engineering

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March 11, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, April 8, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

\_\_\_\_\_  
Smith L. Rairdon  
Chairman

APPENDIX III

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 19, 1965

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## GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

### Doctor of Philosophy

- Norman Dean Anderson, B.A., M.A. (State University of Iowa)  
Raleigh, N. C.  
*Dissertation: An Analysis of Programs for the Preparation of Secondary-School Science Teachers*  
*Field of Specialization: Education*
- James Nelson Anno, Jr., B.Sc., M.Sc.....Urbana  
*Dissertation: Secondary Electron Production from Alpha Particles and Fission Fragments*  
*Field of Specialization: Physics*
- Sandra Scharff Babcock, B.A., M.A.....Dayton  
*Dissertation: The Syntax of Spanish Reflexive Verbs: The Parameters of the Middle Voice*  
*Field of Specialization: Romance Languages (Linguistics)*
- Donald Ray Bateman, B.A. (Kenyon College); M.A. (University of Minnesota).....Columbus  
*Dissertation: The Effects of a Study of a Generative Grammar upon the Structure of Written Sentences of Ninth and Tenth Graders*  
*Field of Specialization: Education*
- William Clarence Beard, B.Sc.....Gallipolis  
*Dissertation: Phase Relations in the Systems Titania and Titania-Boric Oxide*  
*Field of Specialization: Mineralogy*
- Bishara Atalla Bishara, B.S. in Ed. (Ain Shams University);  
B.A. in Ed. (American University); M.Sc.....Cairo, Egypt  
*Dissertation: Decay Scheme and Angular Correlation Studies in Antimony 121*  
*Field of Specialization: Physics*
- Karl Wilhelm Böddeker, M.Sc.....Rheydt, Germany  
*Dissertation: Synthesis and Characterization of a New Class of Cycloborazanes*  
*Field of Specialization: Chemistry*
- Joseph Bohandy, B.Sc., M.Sc.....Barnesville  
*Dissertation: An Electron Paramagnetic Resonance Study of Crystal Violet*  
*Field of Specialization: Physics*
- Seth Bonder, B.S. (University of Maryland).....New York, N. Y.  
*Dissertation: A Generalized Lanchester Model to Predict Weapon Performance in Dynamic Combat*  
*Field of Specialization: Industrial Engineering*
- William Charles Buttermann, B.Sc., M.Sc.....Columbus  
*Dissertation: Equilibrium Phase Relations Among Oxides in the Systems  $GeO_2$ ,  $GeO_2-B_2O_3$ ,  $HfO_2-B_2O_3$ ,  $ZrO_2-SiO_2-B_2O_3$ , and  $ZrO_2-SiO_2$*   
*Field of Specialization: Mineralogy*
- Carl Chris Christensen, B.A. (State University of Iowa); M.A.  
Iowa City, Ia.  
*Dissertation: The Nuernberg City Council as a Patron of the Fine Arts, 1500-1550*  
*Field of Specialization: History*

- Adam Burt Cibula, B.S. in Edu., M.A. (Kent State University) . . . . . Salem  
*Dissertation: The Relationship of Free Amino Acids of Some Solanaceous Plants to Growth and Development of Leptinotarsa decemlineata (Say)*  
*Field of Specialization: Entomology*
- James Nicholas Cordea, B.S. in Met.E. (Case Institute of Technology);  
M.Sc. . . . . . Franklin  
*Dissertation: Grain Boundary Relaxation in Four High Purity, Face-centered Cubic Metals*  
*Field of Specialization: Metallurgical Engineering*
- Prayoon Deema, B.Sc. (Kasetsart University, Thailand); M.S.  
(University of Arkansas) . . . . . Bangkok, Thailand  
*Dissertation: Metabolism, Storage, and Excretion of C<sup>14</sup>-Endosulfan in the Mouse*  
*Field of Specialization: Entomology*
- Vern Gordon DeVries, A.B. (Calvin College) . . . . . Grand Rapids, Mich.  
*Dissertation: The Alkylation of Cyclic Unsaturated Ketones with Polymethylene Dihalides*  
*Field of Specialization: Chemistry*
- Yale Gressel, B.Sc. in Phar., M.Sc. . . . . Cleveland  
*Dissertation: Physico-Chemical Factors Affecting Drug Absorption and Distribution*  
*Field of Specialization: Pharmacy*
- Margaret Pauline Grindereng, B.S.H.Ec. (Ohio University); M.Litt.  
(University of Pittsburgh) . . . . . Niles  
*Dissertation: Fashion Diffusion: A Study by Price Range of Style Dispersion and Style Leadership*  
*Field of Specialization: Home Economics*
- Edward Lewis Hamblin, B.Sc. in Bus.Adm., B.Sc. in Edu., M.A. . . . Columbus  
*Dissertation: The Effect of the Dogmatic Personality on Explaining and Evaluating Two Philosophical Statements in Historical Perspective*  
*Field of Specialization: Education*
- Albert Frederik Hanken, Doctorandus (Free Reformed University, Amsterdam) . . . . . Columbus  
*Dissertation: An Approach to Systems Analysis and a Proposed Piecewise Linear Regression Technique Applied to Car-following Theory*  
*Field of Specialization: Industrial Engineering*
- Manning Harold Hanline, B.B.A. (University of Toledo); A.M.  
(University of Michigan) . . . . . Carbondale, Ill.  
*Dissertation: Decision-making and Industrial Location in the Southwest, 1946-1961*  
*Field of Specialization: Business Organization*
- Craig Sheridan Hartley, B.Met.E. (Rensselaer Polytechnic Institute);  
M.Sc. . . . . . Dayton  
*Dissertation: The Strain-Aging Behavior of Tantalum and Associated Problems in the Theory of Plastic Deformation of Metals*  
*Field of Specialization: Metallurgical Engineering*
- Shin Hasegawa, B.S. (Utsunomiya University); M.S. (State University of Washington) . . . . . Tochigiken, Japan  
*Dissertation: Studies on Chlorogenic Acid in Potatoes: Effect of Cold Storage on Changes in Its Content and in Its Inhibitory Action on Phosphorylase*  
*Field of Specialization: Horticulture*

- Mary Pauline Hendrickson, B.A., B.P.E. (University of Alberta); M.A.  
Camrose, Alta, Canada  
*Dissertation: Secondary Gain as a Motivating Factor in Disability*  
*Field of Specialization: Physical Education (Health Education)*
- Harold Charles Hines, B.Sc. in Agr., M.Sc..... Ashville  
*Dissertation: Some Biochemical and Immunological Properties of Bovine Transferrins and the Implication of These Properties in Genetic Control Mechanisms*  
*Field of Specialization: Dairy Science*
- Aaron Horowitz, D.V.M..... Columbus  
*Dissertation: The Distribution of the Blood Vessels to the Postdiaphragmatic Digestive Tract of Five Mature Female Goats*  
*Field of Specialization: Veterinary Anatomy*
- Harold Robert Jacobs, B.S. in G.E. (University of Portland);  
M.S. in M.E. (Washington State University)..... Portland, Ore.  
*Dissertation: Combined Body Force and Forced Convection in Laminar Film Condensation Heat Transfer of Freon 113*  
*Field of Specialization: Mechanical Engineering*
- Harold Allen Karnes, A.B. (Earlham College); M.Sc..... Troy  
*Dissertation: The Syntheses of Intramolecularly Overcrowded Compounds*  
*Field of Specialization: Chemistry*
- John Hoy Lerch, B.A. (Stanford University); M.A..... Columbus  
*Dissertation: The Broadcasting Career of Lowell Thomas: A Historical and Critical Evaluation of His Professional Life*  
*Field of Specialization: Speech*
- Olfeo John Lorenzetti, B.S. in Phar. (University of Illinois); M.Sc.  
Chicago, Ill.  
*Dissertation: A Pharmacological Study of the Smooth Muscle Relaxing Properties of Glyceryl Trinitrate*  
*Field of Specialization: Pharmacy*
- Joseph John Mendel, B.S.F. (University of Michigan); M.Sc..... Columbus  
*Dissertation: An Evaluation of Characteristics of Small Woodland Owners and Their Relation to Attitudes Toward the Adoption of Timber Management Practices*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Wayne Everest Morganroth, B.S., M.S. (Marshall University)  
Charleston, W. Va.  
*Dissertation: The Photolysis of 1,1'-Azo-n-Butane; The Reactions of the n-Butyl Radical*  
*Field of Specialization: Chemistry*
- Larry Dean Nelson, B.A. (Phillips University); M.S. (Kansas State University)..... Garfield, Kans.  
*Dissertation: On a Special Class of Problems in Integer Linear Programming*  
*Field of Specialization: Mathematics*
- Carmella Elizabeth Nuccio, B.B.A. (Fenn College); M.A... Mayfield Heights  
*Dissertation: Opinions of Business Teachers on Major Issues in Their Field and Significance of Selected Background Factors in Shaping Beliefs*  
*Field of Specialization: Education*
- Donald Clayton Ott, B.Sc.; M.A. (Western Reserve University) . . Painesville  
*Dissertation: The Generality of Herzberg's Two-Factor Theory of Motivation*  
*Field of Specialization: Psychology*

- William Martyn Palmer, B.S.Ag., M.S.Ag. (University of Manitoba)  
Winnipeg, Man., Canada  
*Dissertation: Macroscopic and Microscopic Changes in the Reproductive Tract of the Lactating Sow*  
*Field of Specialization: Animal Science*
- Daniel V. Phillips, B.Sc., M.Sc. .... Upper Sandusky  
*Dissertation: Studies on the Mechanism of Fusarium Wilt Symptom Reduction by a Species of Cephalosporium*  
*Field of Specialization: Botany and Plant Pathology*
- Richard Landis Phipps, B.S. (Eastern Illinois University); M.Sc.  
Columbus  
*Dissertation: Ring Analysis of Selected Trees at Neotoma*  
*Field of Specialization: Botany and Plant Pathology*
- James Bennett Randels, B.A. (University of California, Los Angeles);  
M.A. .... North Hollywood, Calif.  
*Dissertation: Studies in Turing Machines*  
*Field of Specialization: Mathematics*
- Walter Edwin Regula, B.S. in Ed., M.A. (Kent State University)  
Huntington, W. Va.  
*Dissertation: Preparation of the Mathematics Teachers in the Public Secondary Schools of West Virginia*  
*Field of Specialization: Education*
- Bruce Alan Rosenberg, B.A. (Hofstra College, Hempstead, New York);  
M.A. (Pennsylvania State University) . . Valley Stream, L. I., N. Y.  
*Dissertation: Reason and Revelation in the Canterbury Tales*  
*Field of Specialization: English*
- Esther Elisabeth Sandmeyer, M.Sc. .... Columbus  
*Dissertation: Metabolic Studies Dealing with the Biosynthesis of Steroids in Rat Tissues*  
*Field of Specialization: Agricultural Biochemistry*
- Syed Abdus Sattar, B.V.Sc. (University of the Punjab); M.Sc.  
Quetta, West Pakistan  
*Dissertation: The Role of Infectious Bovine Rhinotracheitis and Parainfluenza-3 Viruses in Bovine Abortion and Some Studies on Infectious Bovine Rhinotracheitis in Calves*  
*Field of Specialization: Microbiology*
- Jagdev Singh Sawhney, B.Sc. (Hons.) Agr. (Indian Agricultural Research Institute); M.Sc. .... Delhi, India  
*Dissertation: The Structure of the Rhizomes of Agropyron Repens, Beau., Poa Pratensis L., and Festuca Arundinacea Schreb., Variety Alta*  
*Field of Specialization: Agronomy*
- Marvin Samuel Schindler, B.A. (University of Massachusetts); M.A.  
Roxbury, Mass.  
*Dissertation: Gryphius' Sonnets: Studies in Imagery*  
*Field of Specialization: German*
- Satya Bhushan Sehgal, B.A., B.Sc., M.Sc. (Punjab University)  
Chandigarh, India  
*Dissertation: Effect of the Rate of Strain on the Strength Components of Cohesive Soils*  
*Field of Specialization: Civil Engineering*
- Gordon Thomas Shahin, B.S. (University of Buffalo); M.S. (Syracuse University); M.B.A. (University of Buffalo) .... Fairborn  
*Dissertation: The Grid Charting Technique for Management Information Systems*  
*Field of Specialization: Business Organization*

- Jai Ballabha Prasad Sinha, B.A. (Hons.), M.A. (Bihar University)  
Bihar, India  
*Dissertation: Some Situational and Personality Variables of Unethical Risk Taking in a Simulated Industrial Setting*  
*Field of Specialization: Psychology*
- James Arthur Slater, B.A., M.A. (Michigan State University)  
Grand Rapids, Mich.  
*Dissertation: Sampling Methods Employed in Federal Surveys Related to Wholesale and Retail Trades*  
*Field of Specialization: Business Organization*
- John Graham Smith, B.A. (Hons.) (Nottingham University); M.A.  
Bournemouth, Hampshire, England  
*Dissertation: International Trade and Economic Development: A Study of Alternative Stabilization Procedures, with Particular Reference to Compensatory Finance*  
*Field of Specialization: Economics*
- Earl Stahl, Jr., B.Mus.Ed. (Indiana University); M.S. (Ohio University)  
South Bend, Ind.  
*Dissertation: Communication Between High School Counselors and College Admissions Officers*  
*Field of Specialization: Education*
- Ehud Stibbe, Ing. (Agricultural University at Wageningen, Netherlands)  
Haifa, Israel  
*Dissertation: A Field Method for the Determination of the Hydraulic Conductivity of Various Soil Layers in a Profile with the Aid of Isolated Undisturbed Monoliths*  
*Field of Specialization: Agronomy*
- Lucille Brewton Strain, A.B. (Benedict College, South Carolina); M.Edu.  
Columbus  
*Dissertation: Prospective Elementary-School Teachers' Knowledge of Selected Subject Matter*  
*Field of Specialization: Education*
- Walter Wade Sullivan, Jr., B.S. (Clark College, Georgia); M.Sc.  
Blakely, Ga.  
*Dissertation: Reactions of 9, 10-Phenanthrenequinone with Alkylidene-triphenylphosphoranes and Diethyl Alkylphosphonate Anions: Synthetic Approaches to Phenanthro [1] Cyclopropenes*  
*Field of Specialization: Chemistry*
- Andrew Charles Terranova, B.Sc. in Agr., M.Sc. . . . . . South Euclid  
*Dissertation: The Effects of Kepone on Urinary Levels of Estrone, Estradiol-17B, and Estriol in the Laboratory Mouse*  
*Field of Specialization: Zoology and Entomology*
- Doris Ann Tianen, B.S. in Nurs. (Wayne State University); A.M.  
(University of Michigan) . . . . . Detroit, Mich.  
*Dissertation: An Investigation of the Laboratory Method of Instruction in Elementary Health Education in the Oak Park School District, Oak Park, Michigan*  
*Field of Specialization: Physical Education (Health Education)*
- Malachi Combs Topping, Jr., A.B. (Washington University); M.A.  
Terre Haute, Ind.  
*Dissertation: Development of a Forced Choice Instrument to Measure Television Station Images*  
*Field of Specialization: Speech*



Myron Uretsky, B.B.A. (City College, New York); M.B.A...Brooklyn, N. Y.  
*Dissertation: Audit Implications of a Postulated Management Information System*  
*Field of Specialization: Accounting*

Richard Alvin Williams, B.E.E., M.Sc.....Canton  
*Dissertation: An Interferometric Receiver for Submillimeter Radiometry*  
*Field of Specialization: Electrical Engineering*

Robert William Wotring, Jr., A.B., M.S. (West Virginia University)  
Caretta, W. Va.  
*Dissertation: The Syntheses and Partial Resolution of 1- and 2-Methylcholanthrene*  
*Field of Specialization: Chemistry*  
(Fifty-nine candidates)

#### Certificate of Specialist in Educational Administration

Clayton Elmer Corke, B.A. (Fenn College); M.A. (Western Reserve University).....Columbus  
(One candidate)

#### Master of Accounting

William Frederick Bentz, A.B. (University of Cincinnati).....Covington  
*Field of Specialization: Accounting*

George Ira Kline, B.S. (Temple University).....Knoxville, Pa.  
*Field of Specialization: Accounting*

Raymond Acton Strohl, B.Sc. in Bus.Adm.....Lancaster  
*Field of Specialization: Accounting*  
(Three candidates)

#### Master of Arts

Darlene Jean Alberts, B.A. (College of Steubenville).....Columbus  
*Field of Specialization: History*

Claire Alice Alison, B.A. (Michigan State University).....East Lansing  
*Field of Specialization: Speech*

Sandra Sue Annear, B.A.....Berea  
*Field of Specialization: Linguistics*

Jack Lee Baker, B.S. in Ed. (Wilmington College).....Columbus  
*Field of Specialization: Education*

John Phillip Calland, B.S. (Wilmington College).....Urbana  
*Field of Specialization: Education*

Wayne Francis Chelikowsky, B.Sc. in Bus.Adm.....Circleville  
*Field of Specialization: Economics*

Priscilla Thomas Crawford, B.A. (Butler University)....Indianapolis, Ind.  
*Field of Specialization: Sociology*

Emilio DeGrazia, A.B. (Albion College).....Dearborn, Mich.  
*Field of Specialization: English*

Raymond Douglas DiLorenzo, B.A. (John Carroll University)....Cleveland  
*Field of Specialization: English*

Mario Leonardo D'Onofrio, B.A. (Kent State University).....Cleveland  
*Field of Specialization: Romance Languages (Spanish)*

- Dale Eugene Elliott, B.Sc. in Edu.....Columbus  
*Field of Specialization: Linguistics*
- Robert Russell Fearing, B.Sc. in Edu.....Columbus  
*Field of Specialization: Physical Education*
- Robert Edwin Ferguson, B.A. (Morris Harvey College) Rock Castle, W. Va.  
*Field of Specialization: Sociology*
- Michael James Fitzmaurice, A.B. (Maryknoll College).....Canton  
*Field of Specialization: English*
- Barbara Fox Fleischer, B.A. (Northwestern University) ...Plainfield, N. J.  
*Field of Specialization: English*
- Kent Walton Freshwater, B.Sc. in Edu.....Rocky River  
*Field of Specialization: Education*
- Theodore Williams Freshwater, B.Sc. in Edu.....Rocky River  
*Field of Specialization: Education*
- Frank Thomas Gaumer, B.Sc. in Jour.....Marysville  
*Field of Specialization: Journalism*
- Barbara Guidry Graham, B.A. (Southern University) ...Baton Rouge, La.  
*Field of Specialization: Education*
- Gale Phillip Grismer, B.S. in Bus.Adm. (University of Dayton) .....Lima  
*Field of Specialization: Business Organization*
- Diane Ruth Hahn, B.Sc. in Edu.....Wakeman  
*Field of Specialization: Education*
- Sandra Nacci Harper, B.Sc. in Edu.....Columbus  
*Field of Specialization: Romance Languages (Spanish)*
- Eleanor E. Harter, B.A. (San Fernando Valley State College) Chicago, Ill.  
*Field of Specialization: Psychology*
- Carole Ann Hayes, B.S. (Mankato State College, Minnesota) ...Algona, Ia.  
*Field of Specialization: Physical Education*
- Walter Jon Heddeshimer, B.S. in Speech (Northwestern University) Lakewood  
*Field of Specialization: History*
- John Porter Henderson, B.S. in Edu. (Kent State University) ..Painesville  
*Field of Specialization: Education*
- Carl A. Herfel, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Olamarie Hollingsworth, B.A. (Sacramento State College) .....Columbus  
*Field of Specialization: Education*
- Patricia Beran James, B.A.....Euclid  
*Field of Specialization: Psychology*
- Jasna Jovanovic Kragalott.....Canton  
*Field of Specialization: Slavic Languages*
- Louis Hurford Kuhn, B.S. (Xavier University) .....Fairborn  
*Field of Specialization: Economics*
- Marvin Lawrence Light, B.S. (McGill University, Montreal) Montreal, Que., Canada  
*Field of Specialization: Psychology*

- Tali Musstafa Maki.....Baghdad, Iraq  
*Field of Specialization: Education*
- Lois Elaine Mason, B.S. in Ed. (Western Illinois University) ..Macomb, Ill.  
*Field of Specialization: Geography*
- Mary Margaret Morris, B.A. (Montana State University) ..Missoula, Mont.  
*Field of Specialization: English*
- Julia Anne Morrissey, A.B. (College of Saint Mary of the Springs)  
Columbus  
*Field of Specialization: History*
- Chat Na-Chiangmai, B.Ed. (College of Education, Bangkok, Thailand)  
Chiengmai, Thailand  
*Field of Specialization: Education*
- Imogene Herron Nielsen, B.S. (Western Carolina College, North Carolina)  
Dublin  
*Field of Specialization: Education*
- Gary Edward Polster, B.A.....Cleveland  
*Field of Specialization: Sociology (Anthropology)*
- Robert Floyd Rodgers, B.S. in Ind.Engr. (Texas Technological College)  
Lubbock, Tex.  
*Field of Specialization: Education*
- Peter Ottomar Rompler.....St. Louis, Mo.  
*Field of Specialization: Sociology*
- Beatrice May Schonhaut, A.B. (Brooklyn College) .....Brooklyn, N. Y.  
*Field of Specialization: History*
- Frances Pryor Seamster, B.A. (Muskingum College) .....Zanesville  
*Field of Specialization: English*
- Doris Gay Searcy, B.A.....Columbus  
*Field of Specialization: Journalism*
- Geraldine Faye Smith, B.A. (Seton Hill College) .....Columbus  
*Field of Specialization: Education*
- Hubert Leigh Smith, A.B. (University of Michigan) .....Columbus  
*Field of Specialization: Speech*
- Sirirata Sungkapichai, B.A. (University of London) ..Pasicharoen, Thailand  
*Field of Specialization: Education*
- Wayne Joseph Urban, B.S.S.S. (John Carroll University) .....Cleveland  
*Field of Specialization: Education*
- Gordon Payne Waldo, B.A. (University of North Carolina)  
Hope Mills, N. C.  
*Field of Specialization: Sociology*
- Mary Rose Webster, A.B. (Smith College) .....Columbus  
*Field of Specialization: Art*
- Paul Herbert Wichterman, A.B. (West Virginia University) .....Columbus  
*Field of Specialization: Journalism*
- Helen Jervis Williams, A.B. (Bard College) .....Bloomingburg, N. Y.  
*Field of Specialization: English*
- Jeanine Nellis Yeager, B.Mus. (Capital University) .....Dayton  
*Field of Specialization: Music*

(Fifty-three candidates)

### Master of Business Administration

- Michael Lewis Dean, A.B. (University of Michigan) . . . . . Stamford, Conn.  
*Field of Specialization: Business Organization*
- Richard Harold Horsfall, B.A. (Ohio Wesleyan University) . . . South Euclid  
*Field of Specialization: Business Organization*
- David Maynard Kauffman, B.A. . . . . Fredericktown  
*Field of Specialization: Business Organization*
- John Philip Lowman, B.Sc. in Bus. Adm. . . . . Worthington  
*Field of Specialization: Business Organization*
- James Marion Miller, B.M.E. . . . . Canton  
*Field of Specialization: Business Organization*
- Gerald Keith Thompson, B.S. (University of Maryland) . . . . . Baltimore, Md.  
*Field of Specialization: Business Organization*
- Thomas Kaye Wentz, B.I.E. . . . . Canton  
*Field of Specialization: Business Organization*
- Carl Delos Whisler, B.S. (Case Institute of Technology) . . . . . Columbus  
*Field of Specialization: Business Organization*
- William John Whitmore, B.Sc. in Bus. Adm. . . . . Warren  
*Field of Specialization: Business Organization*
- Daniel Albert Wilson, B.W.E. . . . . Columbus  
*Field of Specialization: Business Organization*

(Ten candidates)

### Master of Education

- Earl Haugh James, B.Sc. in Agr. . . . . Zanesville  
*Field of Specialization: Agricultural Education*
- Edna Mae Schumacher, B.S. in Edu. (Muskingum College) . . . . . Dresden  
*Field of Specialization: Education*
- Bertha Elizabeth Winstead, B.S. in Ed. (Capital University) . . . . . Columbus  
*Field of Specialization: Education*

(Three candidates)

### Master of Medical Science

- Keokamthong Thong-Yai, M.D. (University of Medical Sciences, Bangkok)  
Bangkok, Thailand  
*Field of Specialization: Medicine*

(One candidate)

### Master of Science

- Abdallah Mohammad Abu-Hammad, B.S. in Ag., Ing. Agr. (American  
University of Beirut) . . . . . Sahab-Amman, Jordan  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Edward Adelson, B.A. (New York University) . . . . . Columbus  
*Field of Specialization: Physics*

- Tikam Lakhmichand Balwani, B.V.Sc. and A.H. (Bihar University)  
New Delhi, India  
*Field of Specialization: Animal Science*
- Larry Delano Beers, B.A. (Southern Illinois University) . . . Effingham, Ill.  
*Field of Specialization: Geodetic Science*
- David Ross Brackenridge, B.S. (Canisius College) . . . . . Buffalo, N. Y.  
*Field of Specialization: Chemistry*
- Richard Allan Carnaghi, B.S. (United States Military Academy)  
Bridgeport, Conn.  
*Field of Specialization: Civil Engineering*
- William Eugene Carter, B.S. in C.E. (University of Pittsburgh)  
Bethel Park, Pa.  
*Field of Specialization: Geodetic Science*
- Frederick Lee Casselman, B.E.E. . . . . Columbus  
*Field of Specialization: Electrical Engineering*
- Nam Chiu Choy . . . . . Singapore, Malaysia  
*Field of Specialization: Electrical Engineering*
- Jay Howard Cohen, B.S. (Polytechnic Institute of Brooklyn)  
Brooklyn, N. Y.  
*Field of Specialization: Electrical Engineering*
- Edward Keith Coltharp, B.A. (Oklahoma City University); D.D.S.  
(Baylor University) . . . . . Columbus  
*Field of Specialization: Dentistry*
- Chancy Calvin Connolly, Jr., B.Sc. in Agr. . . . . Napoleon  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Richard Hugh Cunningham, B.S. (University of Cincinnati) . . . . Wyoming  
*Field of Specialization: Chemistry*
- Kamalkishore Jagmohandas Dalal, B.Sc. (University of Bombay);  
B.Pharm. (Gujarat University) . . . . . Bombay, India  
*Field of Specialization: Pharmacy*
- Carl Edward Davis, B.Sc. in Agr. . . . . Xenia  
*Field of Specialization: Animal Science*
- Don Leonard Davis, B.Sc. in Agr. . . . . Logan  
*Field of Specialization: Animal Science*
- Dana Allen Dilley, B.S. in Ed. (Capital University) . . . . . Columbus  
*Field of Specialization: Microbiology*
- Patrick Joseph Donley, B.Sc. . . . . Columbus  
*Field of Specialization: Physiology*
- Stephen William Dumford, B.Sc. in Agr. . . . . St. Paris  
*Field of Specialization: Agronomy*
- Oscar Louis Fleckner, Jr., S.B. (Massachusetts Institute of Technology)  
Columbus  
*Field of Specialization: Mathematics*
- Gary Joel Fowler, D.D.S. . . . . Elida  
*Field of Specialization: Dentistry*
- James Hsueh-Herng Fu . . . . . Taipei, Taiwan, China  
*Field of Specialization: Mechanical Engineering*
- Frederick Robert Glander, B.Cer.E. . . . . West Alexandria  
*Field of Specialization: Ceramic Engineering*

- Theron Brooke Green, B.S. in E.E. (Case Institute of Technology)  
Frederick, Md.  
*Field of Specialization: Electrical Engineering*
- Sister Mary Malcolm Hagman, B.A. (College of Saint Mary  
of the Springs) ..... Columbus  
*Field of Specialization: Mathematics*
- James Edward Hartsel, B.S. in M.E. (Lafayette College, Pennsylvania)  
Ft. Lauderdale, Fla.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Mahmoud Salih Hassan, B.Sc. (Ag.) (University of Khartoum)  
Wadi Haifa, Sudan  
*Field of Specialization: Horticulture*
- James Arthur Hathaway, A.B. (Western Reserve University); M.D.  
Lindsey  
*Field of Specialization: Pathology*
- John Phillips Henderson, B.S. in M.E. (Case Institute of Technology)  
Fairborn  
*Field of Specialization: Mechanical Engineering*
- Raymond Eugene Hite, B.Sc. in Agr. .... Pataskala  
*Field of Specialization: Botany and Plant Pathology*
- James Donald Hoeffel, B.E.E. (University of Dayton) ..... Dayton  
*Field of Specialization: Electrical Engineering*
- Robert Gerald Hoffman, B.S. (University of Illinois) ..... Fairbury, Ill.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Clyde Henry Hosey, Jr., D.D.S. .... Marion  
*Field of Specialization: Dentistry*
- John Edwin Jackson, B.Sc. in Phys. .... Powell  
*Field of Specialization: Physics*
- Peggy Walker Jackson, B.Sc. in H.E. .... Kettering  
*Field of Specialization: Home Economics*
- Joseph Charles Jasper, Met.E. (University of Cincinnati) .. Bridgeville, Pa.  
*Field of Specialization: Metallurgical Engineering*
- Hyung Wook Kim, B.E. (Yonsei University) ..... Seoul, Korea  
*Field of Specialization: Chemical Engineering*
- Arthur Mark Kray, B.S. (California State Polytechnic Institute)  
Metuchen, N. J.  
*Field of Specialization: Electrical Engineering*
- Frederick Alexander Lendrum, B.Sc. in Agr. .... Findlay  
*Field of Specialization: Agricultural Education*
- Martha Morrow Logan, B.Sc. in H.E. .... Eaton  
*Field of Specialization: Home Economics*
- Panajotis Manganas, C.E., D.C.E. (University of Padova, Italy)  
Messinias, Greece  
*Field of Specialization: Civil Engineering*
- Richard Fred McClish, B.Sc. .... Grove City  
*Field of Specialization: Geology*
- Thomas Anthony Miller, B.S. (Kent State University) ..... Cuyahoga Falls  
*Field of Specialization: Entomology*
- Jerome Walter Mills, B.Ch.E. .... Doylestown  
*Field of Specialization: Chemical Engineering*

- Jerris Charles Moeller, B.S. in Ch.E. (State University of Iowa) ..... Durant, Ia.  
*Field of Specialization: Metallurgical Engineering*
- Hedy Ann Mulhausen, A.B. (Ursuline College) ..... Cleveland  
*Field of Specialization: Agricultural Biochemistry*
- Larry Allen Nagode, D.V.M. (Colorado State University) ... Wibaux, Mont.  
*Field of Specialization: Veterinary Pathology*
- Frank Theodore Orthofer, B.Sc. in Food Tech. .... Gahanna  
*Field of Specialization: Horticulture*
- Inez New Petrie, B.S. in H.E. (Wittenberg University) ..... Columbus  
*Field of Specialization: Home Economics*
- Frederick James Rafeld, B.Sc. in Agr. .... Ashland  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Kishan Lal Rao, B.V.Sc. and A.H. (Panjab University) ... Sadulpur, India  
*Field of Specialization: Veterinary Preventive Medicine*
- Richard Bruce Reese, B.Met.E. .... Jamestown  
*Field of Specialization: Metallurgical Engineering*
- David Irving Richard, B.S. (Capital University) ..... Gibsonburg  
*Field of Specialization: Zoology*
- Bernadine Louise Robb, B.S. in H.E. (University of Nebraska) ..... Lewellen, Nebr.  
*Field of Specialization: Preventive Medicine*
- Ramon Jose Roldan, D. in Diplomacy (National University of the Littoral,  
 Argentina) ..... Parana, E.R., Argentina  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Robert Ingersoll Rose, B.Sc. .... Columbus  
*Field of Specialization: Zoology and Entomology*
- Allan Irwin Samuelson, D.D.S. .... Dayton  
*Field of Specialization: Dentistry*
- Jagdish Manilal Sanghavi, B.S. (Engr.) (Banaras Hindu University) ..... Andheri, Bombay, India  
*Field of Specialization: Chemical Engineering*
- John Allen Shaddock, D.V.M. .... Middlefield  
*Field of Specialization: Veterinary Pathology*
- Fred Allen Shaffstall, B.Ch.E. .... Marion  
*Field of Specialization: Chemical Engineering*
- Dharam Paul Sharma ..... Hissar, Punjab, India  
*Field of Specialization: Dairy Science*
- Richard Olen Sickeler, B.S. (Pennsylvania State University) ..... Dayton  
*Field of Specialization: Electrical Engineering*
- Larry Francis Smalley, B.S. (United States Military Academy) .. Englewood  
*Field of Specialization: Civil Engineering*
- Richard Charles Snyder, D.D.S. .... Canton  
*Field of Specialization: Dentistry*
- Daniel Edward Strohecker, B.S.Met.Engr. (Carnegie Institute of  
 Techology) ..... Galena  
*Field of Specialization: Metallurgical Engineering*

- Gerald David Tappe, D.D.S. (College of Physicians and Surgeons,  
California).....Morro Bay, Calif.  
*Field of Specialization: Dentistry*
- Karl Michael Thomas, B.A.A.E.....Cincinnati  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- George Richard Van Sickle, M.D. (University of Ottawa)  
Toronto, Ont., Canada  
*Field of Specialization: Psychiatry*
- Eduardo Villate-Bonilla, Ing. (Universidad Nacional de Colombia)  
Tunja, Colombia  
*Field of Specialization: Civil Engineering*
- Roger Wynn Wallenius, B.S. (Pennsylvania State University) ..Wayne, Pa.  
*Field of Specialization: Dairy Science*
- William Woodrow Wharton, B.Sc. in Agr..... Ashville  
*Field of Specialization: Animal Science*
- James Douglas Wickline, B.Sc. in Agr.....Xenia  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Tommy Lee Williamson, B.S.E.E. (Ohio University).....Fairborn  
*Field of Specialization: Electrical Engineering*
- John Herbert Winkler, Jr., B.Sc. in Bus.Adm., D.D.S..... Columbus  
*Field of Specialization: Dentistry*
- Rebecca Sue Wright, B.S. (Mississippi State College for Women)  
Corinth, Miss.  
*Field of Specialization: Home Economics*
- Jack Cowley Zahn, B.Sc.....Bay Village  
*Field of Specialization: Geology*  
(Seventy-six candidates)

**Master of Science  
in Public Administration**

- Joseph Larue White, B.S. (University of Maryland) ..... Columbus  
*Field of Specialization: Political Science*  
(One candidate)

**Master of Social Work**

- Helen Auble Johnson, B.Sc. in Soc.Adm..... Wadsworth  
*Field of Specialization: Social Work*  
(One candidate)



## CANDIDATES FOR TWO DEGREES

- Nancy Christine Fetzer.....Fairview Park  
Bachelor of Arts  
Bachelor of Science in Education
- Benjamin Franklin.....Columbus  
Bachelor of Arts  
Bachelor of Science in Education
- Stanley Joseph Kucinski.....Cleveland  
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

Ralph Jerald Alexander.....	Winchester
Harlan Earl Baldwin.....	Ashtabula
Donald Eugene Bouic.....	Ostrander
Richard Franklin Brisker.....	Wheelersburg
Robert Dennis Cost.....	Alliance
Paul Ivan Creager.....	Columbus
Marcus Dunkle Dresbach.....	Ashville
Frederick Joseph Durant.....	Adamsville
Gail Hausfeld Emley.....	Cincinnati
Richard James Fisher.....	Bradner
Richard Noel Flinn.....	Houston
James Harold Forman.....	Austinburg
Albert Bernard Frank.....	Fresno
James Louis Frazier.....	Warren
Robert Warren Haskins (cum laude and with Distinction in Dairy Science).....	Chagrin Falls
Kenneth Thomas Hawking.....	Port Clinton
David Glenn Heistand.....	Washington C. H.
James Hunter Hobbs.....	Lancaster
Paul Russell Hunter.....	Utica
Roger Brian Kasler.....	Athens
John Ralph Keil.....	Mansfield
Carl Ralph Keller.....	Maria Stein
Perry Scott Knepper.....	Cincinnati
Walter Jerome Kohls.....	Hamilton
John LaMar Kyle.....	Marion
David George Leopard.....	Maple Heights
Michael Scott McCarty.....	Eaton
Walter Wells Minnich.....	Columbus
James Cornelius Mitchell.....	Plain City
Matthew John Pechaitis.....	Amherst
Ross Anthony Petteruti.....	East Greenwich, R. I.
Darrell Wilson Pidgeon.....	Wilmington
Stephen Denny Pidgeon.....	Wilmington
Jean Elizabeth Podmore (cum laude and with Distinction in Animal Science).....	Garrettsville
James William Price.....	Delaware
John Monroe Pyles.....	Cedarville
Robert James Rockwell (cum laude).....	Barnesville
Debora Schak (summa cum laude).....	Loveland
Richard Todd Schwenke.....	Columbus
Anthony Joseph Spasoff.....	Millbury
Richard Lee Stentz.....	Litchfield
William Robert Werst, Jr.....	Springfield

(Forty-two candidates)

**Bachelor of Science  
in Dairy Technology**

Robert Joseph Kosman.....Euclid

(One candidate)

**Bachelor of Science  
in Food Technology**

Phillip Leon Arend.....Columbus

Richard Lee Shaver.....Dennison

James Norbert Woebkenberg.....Cincinnati

(Three candidates)

**SCHOOL OF HOME ECONOMICS**

**Bachelor of Science  
in Home Economics**

Ann Wallace Barns.....Wilmington

Margaret Eleanor Canary.....Columbus

Lana Hamler Giehl.....Groveport

Marjorie O'Briant Lyon.....Springfield

Nina Elnora Nesbitt.....Columbus

Ginger Kautz Payn.....Castalia

Sarah Jane Post.....Hudson

Marsha Esther Seligson.....Columbus

Bette Elaine Serijan.....Westfield, N. J.

Diana Carolyn Thomas.....Grove City

Judith Ann Tuttle.....Worthington

Kristin Norvell Wagner.....Wilmington

Sandra Kay Wildman.....Lancaster

(Thirteen candidates)

# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

Ruth Winogene Acton.....	Newark
Charles Donald Bannerman.....	Columbus
Nancy Jo Bauer.....	Findlay
Ingrid Ann Berdahl (cum laude).....	Redlands, Calif.
Gertrude Ingeborg Berthold.....	Euclid
Robert William Blackmore.....	Worthington
Earl Creighton Blinn.....	New Brighton, Pa.
James Thomas Budden.....	Columbus
Thomas Albert Chown.....	Columbus
Julia Jane Daly.....	Mt. Vernon
Sharon Dale Dennis.....	Beachwood
Thomas Kearns Diemer.....	Columbus
Jule Rudy Durschnitt.....	Columbus
Inara Dzelzitis.....	Hilliard
John Bradbury Eberth, Jr.....	Perrysburg
*Nancy Christine Fetzer.....	Fairview Park
*Benjamin Franklin.....	Columbus
Mary Ann Futrell.....	Worthington
Susan Dale Garber.....	Louisville, Ky.
Bonney Louise George.....	Willowick
Lanny Alvin Gibson.....	Crestline
Jill Ellen Ginsburg.....	Euclid
Willard David Glenny.....	Cuyahoga Falls
Steven Mark Greenberg.....	North Miami Beach, Fla.
John Nolting Grewell.....	Sharon, Pa.
Linn Carmen Hairston.....	Columbus
Richard Hale Hammond.....	Dayton
Davie Lee Harris.....	Columbus
Karen Ann Haynes.....	Euclid
Marianne Hedstrom.....	Montclair, N. J.
Gretchen Silbernagel Hirsch (cum laude).....	Columbus
Karen Ruth Holzhauser.....	Sandusky
Robert Thomas Homewood, Jr.....	Dayton
James Donald Howser.....	Caledonia
William Frederick Hoyt.....	Shaker Heights
Curtis Laurence Ihle.....	Galena
Jane Ann Jenkins.....	Dayton
Fred Eric Kohler.....	Chesterland
Philip Neil Kranz.....	Shaker Heights
*Stanley Joseph Kucinski.....	Cleveland
Joyce Lightfoot Long.....	Columbus
Richard William Loveless.....	Hubbard
Marlene Katherine Manske.....	Evanston, Ill.
Leamon Wayne Martin.....	Columbus
Steven Michael Mayer.....	Vermilion
Carter David Mehl.....	Cuyahoga Falls
Marcia Franklin Mendelson.....	Wheeling, W. Va.
Edward Menge, Jr.....	Columbus
Don Robert Miller.....	Columbus
Thomas Byron Munson.....	Worthington

\* Two degrees

Julie Ann North.....	Canal Winchester
Samuel Christy Orndorff.....	Clyde
Lee Charles Overholser.....	Columbus
Bernard Winston Palmatier.....	Brunswick
Beverly Apter Pence.....	Columbus
Gary Dean Pepple.....	Ashtabula
Jane Barbara Rabinowitz.....	Roslyn, L. I., N. Y.
Glenn Brooks Redick.....	Columbus
Violet Miller Riebel.....	Columbus
Joseph Kimble Rigney.....	Chillicothe
Catherine Shanks Rosen.....	Ada
Harvey Allan Rosenzweig (cum laude).....	Cincinnati
Shoshana Liberman Sharni.....	Haifa, Israel
David Owen Shively.....	Springfield
Oliver Darwin Smith.....	Cleveland
Barbara Louise Staley.....	Columbus
Bruce John Staniforth.....	Cleveland
Herbert Sydney Sternheimer.....	Shaker Heights
Robert Michael Swedlow.....	Columbus
Peter Robin Tolley.....	Cincinnati
Robert Lee Tracinski.....	Cleveland
Jo Ann Iris Wasman.....	Miami, Fla.
William Francis Waters.....	Columbus
Robert Stephen Webber.....	Shaker Heights
Charles Willard Wertz, Jr.....	Wyoming
Ernest Wilkoff.....	Youngstown
Lawrence Owen Wilson.....	Columbus
Alexander Wolf.....	Lambeth, Ont., Canada
Louise Diane Young.....	New Rochelle, N. Y.
Maxine Meyer Zunis.....	Falls Church, Va.

(Eighty candidates)

### Bachelor of Science

David Charles Adelman.....	Norwalk
George Melvin Aspery, Jr.....	Maple Heights
William Edward Bixby.....	Columbus
Thomas Lee Blackstone.....	Newark
Judith Michele Brady.....	Bay Village
Paul Wayne Braski.....	Ashtabula
Elmer William Breder, Jr.....	St. Clairsville
Paul Albert Buskirk.....	Tiffin
Fred Ray Butcher.....	Georgetown
Melinda Lou Clapp.....	Columbus
David Eugene Coy.....	Columbus
Michael Joseph Cummins.....	Columbus
James Orr Currie, Jr.....	North Canton
James William Davis.....	Cambridge
Robert Edward Davisson.....	Ironton
René Eastin.....	Cleveland
Boniface Ihemeotuonye Eke.....	Umuohiagu, Owerri, Nigeria
Russell Marc Elmer.....	Gates Mills
William Abel Felton.....	Pittsburgh, Pa.
Harriett Bowen Fortney.....	Mt. Gilead
Nick Fotheringham (cum laude and with Distinction in Zoology) ..	Columbus
Kendall Friedman.....	Columbus

Donn William Griffith.....Columbus  
 William Richard Horn II.....Bellevue  
 Sharon Kay Howison.....Richwood  
 Barry Allen Keene.....Columbus  
 Lawrence Fred Kleinman.....Dayton  
 Mary Rand Lightner.....Marion  
 Martha Ruble Lobdell.....Dayton  
 Andres Manning.....Raleigh, N. C.  
 Irena Claire McCammon.....Galena  
 John Lee McCormick.....Ashtabula  
 Frank Joseph Merkl.....Philadelphia, Pa.  
 Inglis J. Miller, Jr.....Columbus  
 Jerome Michael Miller.....Cleveland  
 Rudolph George Miller.....Pittsburgh, Pa.  
 Phillip Bush Mitchell.....Columbus  
 Dennis Lee Myers.....Akron  
 Leon Harry Nawrocki.....Bedford  
 Jerry Keith Nelson.....Dayton  
 Robert Barry O'Dell.....Parma  
 Dale Allan Pettit.....Martins Ferry  
 Hans Dieter Preuss.....Munich, Germany  
 Arthur Paul Rollins.....Bedford  
 David Bradley Schaffer.....Newark  
 Harwood David Schaffer.....Fairborn  
 Michael Joseph Sens.....Lima  
 Robert Andrew Sherer.....Mason  
 Robert Stephen Soley.....Lorain  
 Jon Edward Staley.....Columbus  
 Peter George Stungys.....Massillon  
 Thomas Edwin Swensen.....Troy  
 Fay Shea Toy.....Cleveland  
 Susan Oliver Tracinski.....Monroe  
 Marion Lewis Tripp.....Newark  
 Rodger Dennis Wessling.....Daly City, Calif.  
 Mary Agnes White.....Hubbard  
 Roberta Grace Wilkinson.....Shelby  
 Joyce Eileen Wilson.....Sunbury  
 Keith David Wilson.....Nevada  
 John Edward Wohlfiel.....Cleveland  
 Robert Michael Yoder.....West Liberty  
 Robert Walter Zilke.....Cleveland

(Sixty-three candidates)

**Bachelor of Science  
in Medical Technology**

Paula Leatherman Hildreth.....	Mansfield
Mary Ellen Litten.....	Vaughnsville
Phyllis Marie Loschky (cum laude).....	Milford Center
Mary Lou Martin.....	Wapakoneta
Barbara Clemen Schultz.....	Coshocton
Ethel Charlotte Schultz.....	Dayton
Shirley Ann Trissler.....	Forest
Sharon Rettig Vincent (cum laude).....	Washington C. H.
Charlene Kay Wood.....	Zanesville

(Nine candidates)

**SCHOOL OF JOURNALISM**

**Bachelor of Arts**

Jean Ellen Dunlap.....	Sidney
Irvin Mark Haas.....	Columbus
Kenneth E. Rosenbaum.....	Elyria
William Franklin Utterback.....	Columbus

(Four candidates)

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

## Bachelor of Science in Business Administration

Charles Robert Altman.....	Dresden
Lawrence Wayne Baker.....	Canton
David Scott Barnes.....	Cincinnati
Clark Orville Berry.....	St. Clairsville
John Charles Biehl.....	Sandusky
Carol Merin Bilkis.....	Hamilton
Brian Olds Boling.....	Wooster
John Edward Bowen.....	Saranac, Mich.
David Earl Burcham.....	Middletown
Milford Maurice Cain.....	Chicago, Ill.
Frank Jerome Clager.....	Columbus
Charles Ralph Coffee.....	Westerville
Victor George Cohen.....	Columbus
William Anthony Cosentino.....	Brooklyn, N. Y.
Joseph Louis Coticchia.....	Fairview Park
Michael Alan Curtis.....	Quincy, Ill.
Stephen Israel Dalbey.....	Columbus
William Walter Ewing.....	Alliance
Robert Farley Fair, Jr.....	Cincinnati
James Henry Fix.....	Columbus
Jay Louis Fox.....	Roslyn Heights, N. Y.
Jack Howard Fravel.....	Columbus
James Spencer Galland.....	Rocky River
Roger Nathan Ganger.....	Ottawa
Mark Barry Garlikov.....	Dayton
David Earl Glotzbecker.....	East Cleveland
Clifford Joseph Goosmann.....	Cincinnati
John Paul Gordon.....	Columbus
Richard John Hanf.....	Columbus
Nancy Maud Hanner.....	Columbus
Ronald George Harrington.....	Rocky River
Franklin James Hitt.....	Westerville
Louis Richmond Hollmeyer.....	Cincinnati
George James Hornung.....	Cleveland
Kenneth George Hutter.....	Cleveland
Carl Robert Kestner.....	Toronto
Robert Eugene Knouff.....	Centerburg
Thomas Charles Lyle.....	Columbus
Harry Edward Lytle.....	Newark
John Joseph Maguire III.....	Cincinnati
J. William McKinley II.....	Lucasville
James Richard McNabney.....	Detroit, Mich.
Edwin Neal Merrell.....	Kent
Richard Stretton Michaels.....	Fairview Park
John Michael Moloney.....	Columbus
Leonard Jay Naft.....	Beachwood
Patricia Ann Neff.....	Columbus
Laszlo George Nemethy.....	Northfield
Forrest Robert Newman.....	Portsmouth
Gary Lee Nicholson.....	Columbus



Thomas Lee Noble.....	Columbus
Richard Daniel O'Herin, B.Sc. in Agr.....	Columbus
John William Panzer.....	Columbus
Kenneth Lloyd Pittman.....	Galion
Robert Andrew Radvansky.....	Lakewood
Clyde Mallonee Ramsay, Jr.....	Gallipolis
Donald Elmer Richards.....	Columbia Station
Donald Mead Ringler.....	Columbus
Joe Ray Routt.....	Fairborn
Norman William Sandvoss.....	Lima
Vincent Mark Santero.....	Kimbolton
William Neal Sears.....	Columbus
William Peter Sebenoler.....	Marion
Patrick Eugene Sheridan.....	Euclid
Don Scot Smith.....	Tipp City
Thomas David Strok.....	Bedford
Donald Arthur Stuver, Jr.....	Wadsworth
Stephen Mark Suchy.....	Cleveland
David William Swisher.....	Troy
Kenneth Neal Tender.....	Columbus
John Frederick Thomas.....	Columbus
William McAuliffe Underwood.....	Columbus
Janet Gail Unthank.....	Columbus
Joseph Anthony Valentine.....	Columbus
Earl Leonard Weiss.....	Shaker Heights
James Harold Willis.....	Columbus
Kenneth Charles Wolfe.....	Columbus
David Reames Wood.....	Westlake
Clifford August Young.....	Cincinnati

(Seventy-nine candidates)

**Bachelor of Science  
in Social Welfare**

Phyllis Rae Blum.....	Detroit, Mich.
Kenneith Louise Dondero.....	Sidney
Janet MacFarlane Elder.....	Janesville, Wis.
Maris Kushner Elfield (cum laude).....	Shaker Heights
Barbara Moltenberry Fulmer.....	Columbus
Marylynn Adele Hughes.....	Youngstown
Carol Ann Johnson.....	Delaware
Pamela Suzanne Lumm.....	Toledo
Martha Lucy Patterson.....	Columbus
Jay Lee Perler.....	Columbus
Rachel Louise Pidgeon, B.Sc. in H.E.....	Wilmington
Mary Jane Wesner.....	Columbus
Robert Reginald Wohlgemuth.....	Parma

(Thirteen candidates)

# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Benjamin Allen.....	Columbus
Martha Marie Allmond.....	Cleveland
Nancy Margaret Angene (cum laude).....	Bucyrus
Sterling Treat Apthorp, Jr., A.B. (Dartmouth College).....	Shaker Heights
Henry Webster Arbaugh, Jr., A.B. (Ohio University).....	Columbus
Linda Swartz Arena.....	St. Marys
Jacob Charles Baas.....	Columbus
Kathleen Mihelic Backus.....	Richmond Heights
John Kenneth Bailey.....	Columbiana
Louesa Callahan Barlow.....	Columbus
Larry Gail Baughman.....	Lancaster
Barbara Leedom Bean.....	Marion
Charles Allen Beatty III.....	Columbus
Margery Emma Behrens.....	Napoleon
Marilyn Berloff.....	Akron
Mary Charlotte Binau.....	Columbus
Marie Robinson Black.....	Columbus
Nancy Elizabeth Boehm.....	Rocky River
Michael Robert Bolton.....	Urbana
Mary Jane Bourner.....	Columbus
John Alan Bowers.....	Waynesfield
Judith Culp Boyce.....	Columbus
William Keller Brady.....	Columbus
Mary Ann Bricker.....	Shelby
Dennis Alden Brown.....	Norwalk
Jeanie Marie Brown.....	Worthington
William Robert Bunner.....	Columbus
Sandra Dine Burick.....	Cincinnati
Nicholas Cameron Burnett.....	Youngstown
Robert Miles Burns, B.Mus. (Muskingum College).....	Senecaville
Patricia Ann Butterfield.....	Allison Park, Pa.
Joseph Jeffrey Cardosi.....	Galloway
Diane Sue Carlisle.....	Worthington
Sara Virginia Carter.....	Sabina
Risë Cameron Casteel.....	Columbus
Penny Sue Clark.....	Canton
Ella Louise Kasner Conner.....	Killbuck
Violette Pavlov Croley.....	Worthington
Carol Ann Culp (summa cum laude).....	Toledo
Ronald Patrick Davis.....	Granville
Roberta Lee Decker.....	Columbus
Jean Michele Deeter.....	Dayton
Veronica Jane Dehner.....	Elizabeth, N. J.
Robert Patrick Deist.....	Columbus
Mary Kay Dickas.....	Columbus
Janice Ann DiPenti.....	Bedford
Garis Fred Distelhorst.....	Galloway
Carol Jean Doran.....	Hilliard
Lois Marlene Dworkin.....	Cleveland
Lois Crothers Easton.....	Marysville

Mary Suzanne Eddy.....	Grove City
Ronald Eugene Edinger.....	Bluffton
Jacqueline Mae Ellis.....	Lockbourne
Joan Rae Ely.....	Antwerp
Sandra Kay Everhart.....	Worthington
Natalie Carol Ferguson.....	Columbus
*Nancy Christine Fetzer.....	Fairview Park
Richard Eugene Foster.....	Columbus
Charles David Foust.....	Akron
Karen Lee Frank.....	Shadyside
*Benjamin Franklin.....	Columbus
Patricia Schopfer Frederick.....	Killbuck
Kathleen Keller Freshwater.....	Bay Village
David John Gerrick.....	Columbus
Sheila Anita Goldstock.....	Beachwood
Jacquelyn Gordon.....	Cleveland Heights
Jeffrey Booth Gore.....	Akron
Carolyn Hahn.....	Delaware
Patricia Jean Hallabrin.....	Mansfield
Hollis William Harmon.....	Conneaut
Peter Herbert Hartman.....	Euclid
Joan Helen Hartsel (summa cum laude).....	Columbus
Marcia Louise Heffernan.....	Columbus
Mildred Colleen Herr.....	Lima
Rachel Phillips Hickman.....	Newcomerstown
Richard Leroy Higgins.....	Ashley
Linda Flowers Higgins (cum laude).....	Columbus
Mary Jane Hill.....	Springfield
Robert Lewis Hillis, B.A.....	Columbus
James Walter Hilty.....	Columbus
Peter Felix Holguin.....	Columbus
Ann Sharon Hoppes (cum laude).....	Springfield
Suzanne Jenkinson.....	Lancaster
Maxine Ledford Johnson.....	Columbus
Betsy Ray Kidwell.....	Columbus
Ivan Ellis Knapp, Jr.....	St. Marys
David Finley Koehler.....	Upper Sandusky
Juliana Kraft.....	Columbus
John William Kreis.....	Milford Center
Brenda Berg Kroos.....	South Euclid
*Stanley Joseph Kucinski.....	Cleveland
Teresa Ann LaManna.....	Willoughby
Mary Louise Leo.....	Parma
David Knisely Lewis.....	Worthington
Jane Ann Luce.....	Dayton
Mary Margaret Lyman.....	Avon Lake
Marilyn Lois Manson.....	Sandusky
Joanne Josefa Marino.....	Youngstown
Albert Lawrence Martin, Jr.....	Pomeroy
Cheryl Blackburn Masters.....	Massillon
Fredericka Clay Mathews.....	Columbus
Kenneth Lee McConahay.....	Columbus
Thomas Albert McGill.....	Columbus
Carol McElderry Miller.....	Lima
Marsha Lee Miller.....	Chillicothe

\* Two degrees

John Arthur Mohr.....Columbus  
 Carole Lou Monaco.....Columbus  
 Meredith Virginia Moore.....Washington, D. C.  
 Jere Lynn Morrow, B.A.....Wellston  
 Sandra Kay Mutters.....Marion  
 Alberta Jones Myers.....London  
 Ann Kimball Myers.....Marion  
 Charlene Nasshorn.....Bronx, N. Y.  
 George Franklin Nichols.....Peninsula  
 Donald Lee Noble.....Elkhart, Ind.  
 Betty Clark Oberdier.....Woodstock  
 Carolyn Earl O'Hara.....Marion  
 Linda Kay Ohmer.....Columbus  
 Judith Lynne Paikin.....Hamilton, Ont., Canada  
 Albert Edward Parker.....Dover  
 Donald Edward Parker.....Bellefontaine  
 Sally Kaylene Parrish.....Columbus  
 Robert McAllister Pemberton.....Columbus  
 John Alvin Peterson.....Columbus  
 Karen Ann Pfleger.....Swanton  
 Melzia Flowers Poore.....Columbus  
 Loren Edward Pry.....Crestline  
 Mary-Ellen Radachy.....Maple Heights  
 Judith Craig Rafeld.....Ashland  
 Adolph Ramirez, Jr.....Cleveland  
 Richard Harrison Randall.....West Milton  
 Richard Francis Reasbeck.....Martins Ferry  
 Kathleen Ann Redenshek.....Broadview Heights  
 James Warren Reed, Jr.....Chillicothe  
 Martha Jane Reed.....Columbus  
 Claire Bachman Reid.....Parma  
 Sharon Reynolds.....Columbus  
 John David Rinehart.....Willard  
 Paul Alan Rinnert.....Marion  
 John Thomas Roettger.....Green Camp  
 Catherine Amos Rubadue.....Columbus  
 Alice Fisher Rumph.....Columbus  
 Delmar Richard Saffreed.....Newark  
 Sandra Bastian St. John.....Lyndhurst  
 Andrew John Samuto.....Willowick  
 Sandra Mae Savicki.....Cincinnati  
 Roger Henry Schauss.....Cleveland  
 Carol Spisak Scherer.....North Madison  
 Lois Anne Schiller.....Columbus  
 Judith Click Schultz.....Prospect  
 Susan Lundquist Schwadron.....Westbury, L. I., N. Y.  
 Judith Ann Shafer.....Urbana  
 Margaret Elaine Shaw.....Columbus  
 Peggy Clark Sheets (cum laude).....Circleville  
 Thomas Gilmore Shroyer, B.A.....Worthington  
 David Allen Siegfried.....Brunswick  
 William James Slack.....Marion  
 Kenneth Joseph Slavik.....Lakewood  
 Donald George Smith.....Cardington  
 Barbara Kazmark Starner, A.B. (University of Michigan).....Columbus  
 Elaine Pressman Sternheimer.....Columbus

Vivien Delores Stevens.....	Moorestown, N. J.
Michael Francis Daniel Sullivan, B.Sc. in Bus.Adm.....	Columbus
Christina Swansen (summa cum laude).....	Kenilworth, Ill.
Sharon O'Brien Thornborough.....	Columbus
Marjo Amalia Tingle.....	Fairborn
Patricia Glasmeier Tipka.....	Newark
George Wilson Todd.....	Mt. Gilead
Yvonne June Veeley.....	Columbus
Frederick Porter Veidt (cum laude).....	Lancaster
Delaine Kiner Wagner.....	Columbus
Katherine Louise Walsh.....	Akron
Ronda Ann Warrick.....	Greenville
Maribeth Evans Watson.....	Columbus
Beth Ellen Weatherhead.....	Columbus
Robert Clark Weaver.....	Columbus
Barbara Elizabeth Wheeler.....	Columbus
Patricia May Whitney.....	Medina
Jeanne Frances Williams.....	Columbus
Emily Louise Wilson.....	Grosse Pointe, Mich.
Carol Belle Winstel.....	Columbus
Sheila Rae Wool.....	Dayton
Sharon Ann Zollinger.....	Columbus

(One hundred and eighty three candidates)

#### **Bachelor of Fine Arts**

Sue Haudenchild Atkin.....	Cuyahoga Falls
Anna Dimitriadou Christoforidis.....	Columbus
Michael Leist Conrad.....	Columbus
Beverly Kessler Etter.....	Troy
Barbara Susan Mayers.....	Cleveland Heights

(Five candidates)

#### **Bachelor of Music**

Ellen Connie Miller.....	Worthington
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(One candidate)

#### **Bachelor of Science in Occupational Therapy**

Susan Carol Brooke.....	Camp Hill, Pa.
Gail Corinne Wetzel.....	Avella, Pa.

(Two candidates)

# COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

## Bachelor of Agricultural Engineering

James Ray Hoover.....Lewistown  
(One candidate)

## Bachelor of Ceramic Engineering

William Clifton Chard.....Columbus  
(One candidate)

## Bachelor of Civil Engineering

Kenneth Eugene Baker.....Lorain  
Irabor Uzebu.....Benin, Nigeria  
(Two candidates)

## Bachelor of Electrical Engineering

Carl Otto Bozler.....Columbus  
Joseph Junior Vacchiano.....Dayton  
(Two candidates)

## Bachelor of Industrial Engineering

Sattolia Jean Hall.....Cincinnati  
Ross Wayne Thompson.....Kent  
(Two candidates)

## Bachelor of Mechanical Engineering

Ravi Raj Bhatia.....New Delhi, India  
Robert Lewis Cole.....Quaker City  
Robert James Hanners.....Springfield  
Thomas Otto Lange (cum laude).....Columbus  
Edward Daniel Morris.....Stamford, Conn.  
Kenneth Paul Ostrow.....Eastlake  
Helmut Schueller.....Dayton  
Thomas Wendelin Weisgerber.....Delphos  
(Eight candidates)

## Bachelor of Metallurgical Engineering

Michael Fox Dean.....Tuckahoe, N. J.  
(One candidate)

**Bachelor of Science  
in Physics**

Ralph Joseph Kiernan.....Rochester, Minn.  
Vitaly Pyrih.....Cleveland  
Jerry Lee Silver (summa cum laude).....Cincinnati

(Three candidates)

**SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE**

**Bachelor of Landscape Architecture**

George Roger Wells.....Pataskala

(One candidate)

**COLLEGE OF MEDICINE**

Acting Dean: JOHN A. PRIOR

**SCHOOL OF NURSING**

**Bachelor of Science  
in Nursing**

Joan Carole Biales.....	Parma
Marilyn Louise Greer.....	Troy
Diane Archibald Neiders.....	Granville
Judith Miller Perkins.....	Cincinnati
Elva Elaine Pullins (cum laude).....	Fostoria
Donna Rae Tennant.....	Bedford
Dolores Elsass Thomas.....	Anna

(Seven candidates)



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APPENDIX IV

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 15th day of April, 1965, (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, and April 15, 1963, 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 \$30,060,000 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 Additional Bonds, consisting of \$11,000,000 Series J Bonds.

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$11,000,000 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 March 11, 1965, the Series J Bond Resolution providing for the Series J Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, is referred to as the Bond Resolution; and

WHEREAS, the Series J Bond Resolution is as follows:

Resolution

Providing for the issuance of \$11,000,000 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 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 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

## Fifth Supplemental Trust Agreement

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) 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 now or hereafter under control of the University, including the dining halls constituting part thereof, 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 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 \$3,000,000 Series I Bonds have been authorized; and

Fifth Supplemental Trust Agreement

WHEREAS, there are presently outstanding or authorized in principal amount, \$5,595,000 of Series A Bonds, \$5,312,000 of Series B Bonds, \$2,210,000 of Series C Bonds, \$1,710,000 of Series D Bonds, \$5,200,000 of Series E Bonds, \$1,170,000 of Series F Bonds, \$1,320,000 of Series G Bonds, \$2,810,000 of Series H Bonds, and \$3,000,000 of Series I Bonds; 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 \$11,000,000 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 dormitories and dining facilities to be known as 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, the University has received estimates from its architect, and, accordingly, estimates the following as the costs of the Project

Cost of Construction, including Architectural and Engineering Fees	\$ 9,675,330
Cost of Movable Equipment	721,600
Capitalized Interest	400,000
Contingencies, including Legal and Administrative and Additional Site Improvements	203,070
Total	<u>\$11,000,000</u>

Fifth Supplemental Trust Agreement

and

WHEREAS, the University has determined to borrow the funds to pay the foregoing costs, and to solicit proposals for the purchase of \$11,000,000 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 issue \$11,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement dated as of April 15, 1957 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 J Bonds. Said \$11,000,000 of Dormitory Revenue Bonds shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds." The Series J Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of the first day of the month in which bids for the purchase of the Series J Bonds 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. The 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



Fifth Supplemental Trust Agreement

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 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 bidder, provided that no such rate shall exceed 5% per annum. The Series J 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	\$140,000	1978	\$180,000	1988	\$270,000	1997	\$370,000
1969	140,000	1979	180,000	1989	280,000	1998	410,000
1970	140,000	1980	195,000	1990	280,000	1999	450,000
1971	150,000	1981	210,000	1991	300,000	2000	490,000
1972	150,000	1982	210,000	1992	305,000	2001	520,000
1973	155,000	1983	220,000	1993	330,000	2002	540,000
1974	155,000	1984	235,000	1994	335,000	2003	555,000
1975	165,000	1985	235,000	1995	335,000	2004	565,000
1976	165,000	1986	245,000	1996	365,000	2005	570,000
1977	175,000	1987	265,000				

The Series J Bonds maturing on and after October 15, 1976 shall be subject to redemption in whole or in part on any interest payment date on and after April 15, 1976, 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, 1980;
- 103% if redeemed thereafter but on or before October 15, 1985;
- 102% if redeemed thereafter but on or before October 15, 1990;
- 101-1/2% if redeemed thereafter but on or before October 15, 1995;
- 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 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 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

## Fifth Supplemental Trust Agreement

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 more than forty (40) nor less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on said redemption date. 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 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 (said Trustee at the time of issuance of the Series J Bonds being 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.

Section 3. Sale of Series J Bonds. The \$11,000,000 Series 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

Fifth Supplemental Trust Agreement

cost, in such manner and on such terms as determined by the President or the Fiscal Officer of the University.

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 as the "Series J Construction Fund" (herein called the "Construction Fund"). The proceeds from the sale of the Series J 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 balance to the Construction Fund to pay costs of the Project and to pay all incidental expenses of the Project and the financing thereof, including repayment (with interest) of money borrowed by the University for such purposes or repaying advances made by the University from other funds of the University for such purposes.

(3) Any balance remaining in the Construction Fund after payment or reimbursement of all Project costs and other amounts provided for in (2) above shall be used by the University for any purpose authorized by Section 3345.07 of the Revised Code of Ohio, or to repay advances made from other funds of the University or to repay loans obtained by the University to finance any projects authorized by said Section.

The Fiscal Officer of the University may make withdrawals from said Construction Fund in order to make payments from such

## Fifth Supplemental Trust Agreement

Fund authorized under the foregoing provisions of this Section.

If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such payment shall have been certified as due under such contract by a qualified architect or engineer.

Where the moneys on deposit in the Construction Fund exceed the estimated disbursements on account of the Project for the next thirty days the Fiscal Officer of the University may invest such excess funds in direct obligations of, or obligations, the principal and interest of which are guaranteed by, the United States of America which shall mature or which shall be subject to redemption by the holder thereof at the option of such holder, not later than eighteen months after the date of such investment. Such investments and the proceeds of sale thereof shall constitute part of the Construction Fund and shall be applied to the purposes thereof. Interest on such investments may be paid to the Dormitory Revenue Fund or applied to the purposes of the Construction Fund. The said investments may be sold, exchanged or collected from time to time by the Fiscal Officer of the University.

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.

## Fifth Supplemental Trust Agreement

(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, 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

## Fifth Supplemental Trust Agreement

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, 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

## Fifth Supplemental Trust Agreement

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 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,

## Fifth Supplemental Trust Agreement

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 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 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

## Fifth Supplemental Trust Agreement

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

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and 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 of the principal and interest by transfer to the Debt Service Fund as herein provided.

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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 from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the

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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 the operation, repair and maintenance of the dormitory facilities including, without

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limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) Any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Section 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 architect. The obligations imposed upon the University under this Resolution or the Trust

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Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

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

(Form of Coupon Bond)

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

\*\*\*\*\*

This Bond is a Series J Bond and is one of a duly authorized issue of 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 March 11, 1965 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1976, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1976 to 1980, inclusive; three percent (3%) if redeemed 1981 to 1985, inclusive; two percent (2%) if redeemed 1986 to 1990, inclusive; one and one-half percent (1-1/2%) if redeemed 1991 to 1995, inclusive; and without premium if redeemed after 1995. 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



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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.

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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 Fifth Supplemental Trust Agreement dated as of April 15, 1965.

The Ohio National Bank of Columbus,  
Trustee

By \_\_\_\_\_  
Authorized Officer

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(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:

\*\*\*\*\*

This Bond is a Series J Bond and is one of a duly authorized issue 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 March 11, 1965 (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").

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The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1976, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1976 to 1980, inclusive; three percent (3%) if redeemed 1981 to 1985, inclusive; two percent (2%) if redeemed 1986 to 1990, inclusive; one and one-half percent (1-1/2%) if redeemed 1991 to 1995, inclusive; and without premium if redeemed after 1995. 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.

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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.

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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 Fifth Supplemental Trust Agreement dated as of April 15, 1965.

The Ohio National Bank of Columbus,  
Trustee

By \_\_\_\_\_  
Authorized Officer

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NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT,

WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

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

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

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

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

Fifth Supplemental Trust Agreement

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

Section 4. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Trust Agreement and in this or any other Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely. In general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

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

(Seal)

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

Attest:

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

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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APPENDIX V

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL



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## DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Pursuant to recommendation of the Board of Trustees of The Ohio State University, I, William B. Saxbe, Attorney General, State of Ohio, do hereby appoint Squire, Sanders & Dempsey, Cleveland, Ohio, as special counsel to act as Bond Counsel and Project Counsel to The Ohio State University in connection with the issuance and sale of Dormitory Revenue Bonds, Series J, which are being issued to finance dormitory and dining facilities on the campus of the University, and as Bond Counsel and Project Counsel with regard to all additional parity bonds hereafter issued under the Trust Agreement dated April 15, 1957, and the projects to be financed thereby.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of such dormitory and dining facilities, prepare all necessary documents relating to such financing, including the Bond Resolution, Trust Agreement, temporary and definitive bond forms, public sale proceedings and legal portions of the prospectus, develop the necessary bond transcript, advise the Board of Trustees on the legality of all proceedings and documents relating to such financing, render an opinion as to the legality of the bonds upon their issuance and delivery and such related opinions as may be required, and supervise the program for delivery of and payment for such bonds.

As Project Counsel said firm shall assist the University in negotiations and preparation of or review of any loan agreements, applications and related papers with the Housing and Home Finance Agency or investment bankers and other lending agencies, preparation or review of construction or architect's or engineering contracts, or proceedings in connection with the advertising, authorization or execution thereof, title matters relating to the project site, negotiations or preparation of approvals, certification or other documents required from state officials, services on interim financing, including the rendering of opinions thereon, other work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation, and other services in connection with the project not covered by the preceding paragraph.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be, for each series of bonds, \$1,775 for the first \$500,000 principal amount, or part thereof, plus \$1 for each \$1000 principal amount in excess of \$500,000 but not in excess of \$10,000,000, plus 50¢ for each \$1000 principal amount over \$10,000,000; if no bonds are issued, reasonable compensation shall be paid by the University. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, based upon transcript of services, if requested, as approved by the University. In addition to such compensation, counsel shall be reimbursed for their actual and necessary expenses including telephone, travel and the like incurred in the performance of their duties as Bond or Project Counsel. Such compensation and reimbursement shall be paid solely from the proceeds of the sale of Dormitory Revenue Bonds or other funds of the University lawfully available for the purpose, or if the University so desires, by the purchaser of the bonds as part of the purchase price thereof.

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APPENDIX VI

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE OF 1965

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE OF 1965

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 to \_\_\_\_\_ of \_\_\_\_\_, or order, the sum of

\_\_\_\_\_ DOLLARS

on \_\_\_\_\_ with interest thereon from the date hereof at the rate of \_\_\_\_\_ per cent ( \_\_\_\_\_ %) per annum payable on \_\_\_\_\_ and \_\_\_\_\_. 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 by First through Fifth Supplemental Trust Agreements) 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 The Ohio State University Dormitory Revenue Bonds, Series J (herein called the Series J Bonds) provided for by resolution of the Board of Trustees adopted March 11, 1965, or the proceeds of the sale of notes issued pursuant to Section 3345.07 of the Revised Code of Ohio 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.

Principal is payable on presentation and surrender of this note at the office of the Vice President, Business and Finance of the University, 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. This note may be transferred only upon books kept for registration and transfer by the University, upon surrender of this note at the office of the Vice President, Business and Finance of the University, together with an assignment duly executed by the registered owner or his attorney in form satisfactory to the University. 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.

This note is issued for the purpose of constructing and equipping certain dormitory and dining facilities within or in close proximity to its campus, 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 11th day of March, 1965.

Dormitory Revenue Note of 1965

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 the Series J Bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio, 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 upon 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.

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. All endorsers whose names now appear or are hereafter written on this instrument, do severally waive presentment, demand, protest and notice of protest and dishonor hereof.

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 \_\_\_\_\_ of the University and the \_\_\_\_\_ of said University, as of the \_\_\_\_\_ day of \_\_\_\_\_, 1965.

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

(SEAL)

By \_\_\_\_\_

And By \_\_\_\_\_

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
NINE HUNDRED AND NINETY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 8, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, April 8, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, and Mervin B. France.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Hayward Andrews Gay

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 Hayward Andrews Gay, President of Pratt & Whitney, Incorporated, West Hartford, Connecticut, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at the June Commencement, 1965.

It is therefore recommended that this nomination be approved by the Board of Trustees.

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

B. Graduation Fees for Master and Doctor of Philosophy Candidates

On May 10, 1954, the Board of Trustees approved a graduation fee in the amount of \$14.25 for the Master's degree and \$44.25 for the Doctor of Philosophy degree. Because of lowered costs resulting from various efficiency measures in the binding of theses and dissertations, the Dean of the Graduate School has proposed that the graduation fees for the above degrees be reduced.

It is therefore recommended that the graduation fee for the Master's degree be reduced from \$14.25 to \$10.00 and the graduation fee for the Doctor of Philosophy degree be reduced from \$44.25 to \$35.00, effective upon the adoption of this recommendation.

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

C. Revision of Rules 11.1311 and 29.2711 of the Rules for the University Faculty

On March 9, 1965, the Faculty Council approved the following revisions in the Rules for the University Faculty as proposed by the Athletic Council.

The revisions are:

1. That Rule 11.1311 be amended by deleting the first paragraph of Section 2 and substituting therefor the following:

Section 2. Under policies established by the Athletic Council, the Director of Athletics shall direct the programs of intramural and intercollegiate athletics. The Director of Athletics shall arrange the schedules of intercollegiate contests, supervise all trips, and make all arrangements for the conduct of intercollegiate contests.

April 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of Rules 11, 1311 and 29, 2711 of the Rules for the University Faculty (continued)

2. That Rule 29, 2711 be amended by deleting the first sentence of Section 3 and substituting therefor the following sentence:

Section 3. Subject to the general authority of the President and the Board of Trustees, the Athletic Council shall be charged with the development of the policy governing intercollegiate and intramural athletics, as the agent of the Faculty Council.

It is therefore recommended that the above proposed revision to the Rules for the University Faculty as endorsed by the Faculty Council be approved.

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

D. Student Fees at Branch Campuses

As a result of the revision in the Board of Regents' regulations for defining full-time equivalent enrollments which determines the financial support to be received by the branch campuses of the state-assisted universities as set forth in H. B. 200, it is recommended that the quarterly fees assessed students enrolled on the branch campuses of The Ohio State University be identical with the fees assessed students enrolled on the Columbus main campus, effective Autumn Quarter, 1965.

By the adoption of the above recommendation, the fees assessed at the branch campuses will be \$125.00 for full-time resident students (those registered for seven quarter credit hours or more) and \$290.00 for full-time non-resident students. The fees for part-time students (six quarter credit hours or less) shall be \$63.00 for resident students and \$146.00 for part-time non-resident students. The fees collected from students enrolled at the branch campuses are to be deposited in the applicable branch campus rotary account.

Upon motion of Mr. Loop, seconded by Mr. France, the above recommendation for revision of fees for students enrolled in branch campuses was approved by unanimous roll call vote.

April 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Modification of Campus Master Plan

From time to time the Board of Trustees has modified the campus master plan adopted on February 16, 1962. Changes in the University's land acquisition plan have been implicit in some of these modifications but have not been delineated in any amendment to the original land acquisition map on page 97 of the Caudill, Rowlett and Scott report upon which the February 16, 1962, action was based. The attached maps indicate these modifications in the land acquisition plan.

The attached maps include in the University's acquisition area the entire flood plain east of the Olentangy River between West Lane Avenue and Dodridge Street, the intended use being for intramural fields to serve the north dormitory complex. Part of this flood plain is now owned and used by the City for recreation purposes, and the Columbus Board of Education may have need for a portion of the land for similar purposes. The University will continue to work with these other governmental agencies in keeping this entire flood plain open and in providing at appropriate places the recreational facilities that will be needed by all three agencies.

It is recommended that the Board of Trustees now approve the master plan modification as depicted on the attached maps, subject to such intergovernmental agreements as might subsequently be developed relative to use of the Olentangy River flood plain for recreation purposes; that all previous actions of the Board of Trustees with respect to the master plan and not contrary to this present action be reaffirmed; and that copies of the attached maps be filed by the Secretary with the "Campus Master Planning Study--Phase II" report submitted on December 12, 1961.

Upon motion of Mr. France, seconded by Mr. Loop, the above recommendations for modification of the campus master plan were approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the March 11, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointment, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

James Norman Allen, M.D., Professor, Department of Medicine, effective May 1, 1965, at a salary of \$20,268.00 per annum.

April 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary

Glenn O. Schwab, Professor, Department of Agricultural Engineering, April 1, 1965 through May 31, 1965, to serve on the Ford Foundation contract in Ludhiana, Punjab, India.

Katharine G. Hoch, Instructor, Department of English, April 1, 1965 through June 30, 1965, to complete work for her Master's degree.

C. Emeritus Titles

Bernard F. Mooney, Physical Education for Men, with the title Professor Emeritus, effective July 1, 1965.

Laurence N. Snyder, Physical Education for Men, with the title Professor Emeritus, effective September 1, 1965.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Appointment, 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" with the official documents 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 is 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

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Ext. #7 - Institute for Research in Vision).  
Gross Value - \$26,995.00.
- b. Department of Health, Education and Welfare, Bureau of State Service, Washington, D. C., for an Investigation of Influence of Antibiotic Feeding on Poultry Products (to be known as Bureau of State Service Project No. 871 - Ext. #6 - Department of Microbiology).  
Gross Value - \$15,713.00.

April 8, 1965 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)

- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Electron Properties of Chlorophyll Films (to be known as National Institutes of Health Project No. 1017 - Ext. #5 - Department of Chemistry).  
Gross Value - \$11,340.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Control of Pituitary ACTH Secretion (to be known as National Institutes of Health Project No. 1272 - Ext. #4 - Department of Pharmacology).  
Gross Value - \$22,731.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Treatment of Malignant Neoplasms in Domestic Animals (to be known as National Institutes of Health Project No. 1403 - Sup. #1 - Department of Veterinary Surgery and Radiology).  
Gross Value - \$2,832.00.
- f. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for Support of K-Meson Experiments at the ZGS (to be known as U. S. Atomic Energy Commission Project No. 1596 - Mod. #3 - Department of Physics).  
Gross Value - \$132,000.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$22,322.00.
- h. Department of Army, Office of Secretary of the Army, Office of Civil Defense, Washington, D. C., for Studies of Organizational Functioning in Disaster (to be known as Office of Civil Defense Project No. 1709 - Mod. #5 - Department of Sociology and Anthropology).  
Gross Value - \$200,000.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effect of Physical Modalities on Blood Vessels (to be known as National Institutes of Health Project No. 1777 - Ext. #1 - Department of Medicine).  
Gross Value - \$18,894.00.

April 8, 1965 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)

- j. U. S. Army Engineer R&D Laboratories, Fort Belvoir, Virginia, for an Investigation of Geodetic Control Without Triangulation, Trilateration or Gravity (to be known as U. S. Army Engineer R&D Laboratories Project No. 1802 - Mod. #2 - Department of Geodetic Science).  
Gross Value - \$32,491.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Detection of Cancer Cells in Cadaver Blood (to be known as National Institutes of Health Project No. 1805 - Ext. #1 - Department of Pathology).  
Gross Value - \$14,260.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820 - Ext. #1 - Department of Chemistry).  
Gross Value - \$22,627.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Catalytic Centers of Metal Enzymes (to be known as National Institutes of Health Project No. 1823 - Ext. #1 - Department of Physiological Chemistry).  
Gross Value - \$22,215.00.
- n. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - C. O. #3 - RF Internal Supervision).  
Gross Value - \$125,000.00.
- o. Department of State, Agency for International Development, Washington, D. C., for an Investigation of Feasibility of Developing a Human Resource Planning Mechanism in Bolivia (to be known as Agency for International Development Project No. 1985 - New - Department of Economics).  
Gross Value - \$2,900.00.
- p. National Aeronautics and Space Administration, Washington, D. C., for A Study of Continuum Vibrations (to be known as National Aeronautics and Space Administration Project No. 1986 - New - Department of Engineering Mechanics).  
Gross Value - \$58,294.00.



April 8, 1965 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)

- q. National Science Foundation, Washington, D. C. , for Ecological Succession and Soil Development in a Deglaciated Area (to be known as National Science Foundation Project No. 1988 - New - Institute of Polar Studies).  
Gross Value - \$27,800.00.
- r. National Science Foundation, Washington, D. C. , for an Investigation of Cleavage of Ketones in Dimethyl Sulfoxide (to be known as National Science Foundation Project No. 1989 - New - Department of Chemistry).  
Gross Value - \$30,500.00.
- s. National Science Foundation, Washington, D. C. , for an Investigation of Boron Heterocycles (to be known as National Science Foundation Project No. 1990 - New - Department of Chemistry).  
Gross Value - \$51,800.00
- t. National Science Foundation, Washington, D. C. , for an Investigation of Nonlinear Transformations (to be known as National Science Foundation Project No. 1991 - New - Department of Mathematics - Dayton Campus).  
Gross Value - \$8,500.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Medicinal Chemical Aspects of the Gem-Dialkyl Effect (to be known as National Institutes of Health Project No. 1992 - New - College of Pharmacy).  
Gross Value - \$21,162.00.
- v. National Science Foundation, Washington, D. C. , for an Investigation of Algebra, Arithmetics and the Geometry of Numbers (to be known as National Science Foundation Project No. 1993 - New - Department of Mathematics).  
Gross Value - \$12,000.00.
- w. Federal Aviation Agency, Washington, D. C. , for Experimental Private Pilot Training Program (to be known as Federal Aviation Agency Project No. 1995 - New - Department of Aviation).  
Gross Value - \$30,154.00.

TOTAL - Government Contracts - Federal \$912,530.00

April 8, 1965 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

- a. G. T. Schjeldahl Company, Northfield, Minnesota, for Photogrammetric Research and Measurement of Spheres (to be known as G. T. Schjeldahl Company Project No. 1837 - C. O. #5 - Department of Geodetic Science).  
Gross Value - \$3,298.00.
- b. North American Aviation, Inc., Columbus Division, 4300 East Fifth Avenue, Columbus, Ohio, for Shock-Shock Interaction Tests (to be known as North American Aviation, Inc. Project No. 1892 - C. N. #5 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$8,850.00.
- c. Winthrop Laboratories, 90 Park Avenue, New York, New York, for Talwin Evaluation Study (to be known as Winthrop Laboratories Project No. 1987 - New - Department of Surgery).  
Gross Value - \$1,250.00.
- d. Franklin County Regional Planning Commission, Comprehensive Regional Plan, 514 South High Street, Columbus, Ohio, for Estimates of Population of the Columbus Area, 1965, with Projections to 1970, 1975, 1980, and 1985 (to be known as Franklin County Regional Planning Commission Project No. 1994 - New - Bureau of Business Research).  
Gross Value - \$19,764.00.

TOTAL - Industrial and Other Contracts \$33,162.00

The foregoing twenty-seven contracts for research in cooperation with Government, Industry and Other represent a gross income of \$945,692.00.

Upon motion of Mr. Davis, 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 vote.

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

During the period from March 1, 1965 through March 26, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

April 8, 1965 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 Contract

EES 237 Mahoning County Comprehensive Planning Study, The  
Ext. #2 Mahoning County Planning Commission, Youngstown,  
Ohio.  
Gross Value - \$5,160.00.

2. Industrial Research Contract

EES 264 The Improvement of Low Tension Electrical Porcelain,  
Dry Process Ceramic Manufacturers Association, New  
York, New York.  
Gross Value - \$15,955.00.

The foregoing two contracts for research in the Engineering Experiment  
Station represent a gross income of \$21,115.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since  
March 11, 1965, and are hereby reported for the record. Appropriate expressions  
of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$76,370.00 granted by the Department of Health, Education, and Welfare,  
Office of Education, Washington, D. C. 20202, to the University for a  
research project entitled, "A Determination of Needed Adjustments and  
Extensions in the Curricular Patterns of Vocational Education in Agri-  
culture to Provide Preparation for Non-farm Agricultural Occupations,"  
under the supervision of Professor Robert E. Taylor, Department of  
Agricultural Education, for the period February 15, 1965 through  
August 31, 1965. (Contract No. OE-5-85-009)
2. \$19,866.00 granted by the Department of Health, Education, and Welfare,  
Public Health Service, Division of Nursing Resources, Washington 25,  
D. C., to the University for "Regular Academic Program," under the  
direction of Professor Mildred E. Newton, School of Nursing, for the  
period September 1, 1964 through August 31, 1965. (Grant NT-29-C8-  
Supplement 1)
3. \$17,142.00 granted by the Department of Health, Education, and Welfare,  
Public Health Service, National Institutes of Health, Bethesda 14, Mary-  
land, to the University for "Energy Conversion in Primary Bio-photo-  
processes," under the direction of Professor H. H. Nielsen, Department  
of Physics, for the period April 1, 1965 through March 31, 1966. (Grant  
5-K3-GM-21, 946-02)

TOTAL - Through the Office of Business and Finance \$113,378.00

April 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$102,028.34 from Midwest Foundation for Research and Education, Columbus, Ohio, for research projects in the College of Medicine.
2. \$25,891.36 from the Alton F. Davis Charitable Trust to be deposited in the Alton F. Davis Memorial Fund.
3. \$10,000.00 from Resources for the Future, Inc., Washington, D. C., to the University for continuation of the study of the economics of solar energy under the direction of Professor Richard A. Tybout, Department of Economics, for the period January 1, 1965 through December 31, 1965.
4. \$8,700.00 from the Alfred P. Sloan Foundation for the Alfred P. Sloan Foundation Scholarship Fund.
5. \$5,000.00 from The Rotary Club, Columbus, Ohio, for the International House Building Fund.
6. \$5,000.00 from Lillian P. Stein (Mrs. Harry G.) for the Dr. Harry G. Stein Memorial Fund.

Dr. Harry G. Stein Memorial Fund

The Dr. Harry G. Stein Memorial Fund was established March 22, 1965, by a gift through the Development Fund from Lillian P. Stein (Mrs. Harry G.) in memory of Dr. Harry G. Stein, B.A. '33, D.D.S. '36.

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

The income is to be used to aid needy dental students, either by way of scholarship or student loan. Nature of the aid and amount thereof is to be determined by the Dean of the College of Dentistry. Should the need for such student aid cease to exist or so diminish as to create unused income, then said income may be used for other purposes in the College of Dentistry on recommendation of the Dean of the College of Dentistry.

In the event the College of Dentistry 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 purposes 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.

April 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$5,000.00 from Donald C. Power for the Donald C. Power Fund for College of Commerce and Administration.

Donald C. Power Fund for College of Commerce and Administration

The Donald C. Power Fund for College of Commerce and Administration was established March 16, 1965, by a gift from Donald C. Power, B.Sc. in Bus. Adm. '22, LL.B. '26, M.A. '27, to be invested under rules and regulations adopted by the Board of Trustees, as a part of the University's investment portfolio, the principal to be kept forever inviolate and the income to be used to provide scholarships for students enrolled in the College of Commerce and Administration to be awarded by the University Scholarship Committee upon the recommendation of the Dean of the College of Commerce and Administration.

In the event need for such scholarships should cease to exist, the income may be used for research or other purposes of benefit to the College of Commerce and Administration by the Board of Trustees upon recommendation of the Dean of the College of Commerce and Administration.

8. \$5,000.00 from Haskins & Sells Foundation, Cincinnati, Ohio, for the proposed James E. Hagerty Chair Fund.
9. \$4,300.00 from Minnesota Mining and Manufacturing Company-- \$3,300.00 for the Minnesota Mining and Manufacturing Company Fellowship in Ceramic Engineering and \$1,000.00 for the Minnesota Mining and Manufacturing Company Scholarship in the College of Engineering.
10. \$3,865.00 from American Foundation for Pharmaceutical Education for American Foundation Pharmaceutical Education Fellowship Fund.
11. \$3,567.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$3,500.00 from Esso Research and Engineering Company, Linden, New Jersey, to be used to further excellence in graduate training and research or undergraduate teaching in the Department of Chemistry.
13. \$1,000.00 from Dr. Ralph S. Licklider to be added to the fund for the construction of a new residence for the President.
14. \$1,000.00 from Clyde G. Conley for the Clyde G. Conley Foundation for Engineering.
15. \$1,000.00 from Carol S. Kennedy--\$500.00 for the Carol S. Kennedy Fund for Geology and \$500.00 for the Carol S. Kennedy Scholarship Fund.

TOTAL - Through the Development Fund \$184,851.70

April 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A gift of two Ajax Induction Furnaces from Owens-Corning Fiberglas Corporation, Granville, Ohio, for use in the Department of Mineralogy.

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

D. Report from The Ohio State University Development Fund

In February, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	232	\$ 30,747.97
Individuals, other than alumni	91	6,120.02
Nonprofit organizations	25	181,361.61
Business concerns	19	22,927.39
	<u>367</u>	<u>\$241,156.99</u>

Of these gifts, 102 totaling \$483.80 were undesignated and 265 totaling \$240,673.19 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Ohio Journal of Science

Upon the request of the Joint Administrative Board of the Ohio Journal of Science and with the concurrence of the Vice President for Research, it is recommended that \$3,000.00 be appropriated from Account No. 12953 for the use of the Ohio Journal of Science for the period from July 1, 1965 through June 30, 1966.

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

B. Orientation Program for New Faculty

Upon the recommendation of Dr. John C. Weaver, Vice President for Instruction and Dean of Faculties, it is recommended that an amount not to exceed \$855.00 be appropriated from the University Treasurer General Fund to the Committee on Orientation of New Faculty Members, for the purpose of defraying the expenses for this orientation program.

Upon motion of Mr. France, seconded by Mr. Loop, the above recommendation for appropriation of funds was approved by a unanimous roll call vote.

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April 8, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

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

A. Food Facility (Phase II)

Electrical Contract

It is recommended that in order to increase the footcandle level in the Bakery, one additional row of fluorescent lights be provided.

Add \$ 600.00

Funds for this extra order will be provided from Budget Account 86291.

Heating, Ventilating, and Refrigeration Contract

It is recommended that the following changes be made:

1. Omit all refrigeration work in connection with Refrigerator Room 130-C. Deduct \$2,680.00.
2. Provide one coat of sizing on all new canvas pipe covering. Add \$246.00.
3. Provide a steam supply line with necessary valves, gauges, and other features as indicated on the supplemental drawing for one bake oven. Add \$532.04.

Net deduction \$1,901.96

Funds for this credit order will be returned to Budget Account 86291.

Bakery Equipment Contract

It is recommended that one Dough Sheeter be omitted.

Deduction \$ 756.00

Funds for this credit order will be returned to Budget Account 86291.

Upon motion of Mr. Davis, seconded by Mr. Allyn, 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, it is 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. Improvement of University Hospital Administrative Area

This project will provide adequate ventilation and lighting for the executive offices of the Dean of the College of Medicine and Director of the University Hospitals.

Funds will be provided from the University Hospital Rotary.

B. Physiological and Experimental Psychology Laboratories

This project is an addition to the Animal Building at the Research Center for the housing of small animals for laboratory experiments.

Funds will be provided from Budget Accounts 91042 and 91043.

C. Ohio Union - West Terrace Dining Room Expansion

This project is the extension of the present Terrace Dining Room and Lounge into the adjoining covered terrace area.

Funds for this project will be provided from the Ohio Union Rotary.

Upon motion of Mr. Loop, 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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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. University Hospital - Renovation of Seven Areas

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 3-9-65)		
Waller & Lund, Inc. (Columbus)		
Base Bid	\$ 63,870.00	\$100,408.00
Alt. G-1 Painting Casework in Room 377	280.00	600.00
Alt. G-2 Undercounter Refrigerator	120.00	500.00
Alt. G-3 Add Doors in Waiting Area	625.00	2,000.00
Total Contract	<u>\$ 64,895.00</u>	<u>\$103,508.00</u>



April 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hospital - Renovation of Seven Areas (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (2 bids received 3-9-65) The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 12,989.00	\$ 20,890.00
<u>Heating Contract</u> (4 bids received 3-9-65) Julian Speer Co. (Columbus)		
Base Bid	\$ 21,200.00	\$ 30,000.00
<u>Electrical Contract</u> (4 bids received 3-9-65) Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 18,345.00	\$ 24,464.00
Alt. E-1 New Fixtures, Room N-1009	261.00	500.00
Total Contract	\$ 18,606.00	\$ 24,964.00
<u>Total All Contracts</u>	<u>\$117,690.00</u>	<u>\$179,362.00</u>

Funds for this project will be provided from the University Hospital Rotary.

B. Garage

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 2-19-65) Service Products Buildings, Inc. (Columbus)		
Base Bid	\$165,300.00	\$194,000.00
Alt. G-1 Additional Windows	688.00	1,000.00
Total Contract	\$165,988.00	\$195,000.00
<u>Plumbing Contract</u> (7 bids received 2-19-65) Limbach Co. (Columbus)		
Base Bid	\$ 4,000.00	\$ 6,000.00
<u>Total Contracts</u>	<u>\$169,988.00</u>	<u>\$201,000.00</u>

Funds for this project will be provided from Budget Account 91040.

C. Repairs to Plaza and Sidewalk Along the South Side of the Administration Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
(8 bids received 3-12-65) Pendleton Construction Company (Columbus)		
	\$ 6,945.00	\$ 10,500.00

Funds for this project will be provided from the Maintenance Account,  
H. B. 711.

April 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Botany and Zoology Building Site Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 3-16-65)		
Legg and Davis Construction Co. (Columbus)	\$ 5,886.00	\$ 6,700.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

E. Floor Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 3-16-65)		
B & T Carpet and Linoleum Co. (Columbus)	\$ 34,700.00	\$ 40,000.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

Upon motion of Mr. Davis, 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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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplished the following purpose:

- 145 Authorizes the award of the Heating and Ventilating Contract for "Dentistry Laboratories" without further competitive bidding.
- 148 Authorizes the release of \$59,904.00 from Item 315-005, S. B. 370, for the preparation of basic and working drawings for the project "Physics and Astronomy Building."
- 150 Approves the completion of the interior of the temporary Veterinary Clinic building by force account and with waiver of competitive bidding.
- 151 Releases \$253,685.00 for structural steel and final plan preparation for the project "General Academic Facility - Mansfield" from Item 315-019, S. B. 370. Also authorizes 10-day advertising for the structural steel for this project.
- 152 Releases \$153,000.00 for structural steel for the project "General Academic Facility - Lima" from Item 315-018, S. B. 370, and authorizes 10-day advertising for this portion of the project.

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April 8, 1965 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Demolition of Buildings

Upon the request of the Vice President for Business and Finance and with the concurrence of the Cabinet, it is recommended that the following buildings be demolished as soon as practical:

All buildings at 2298 North Star Road except the residence.

This demolition will be accomplished in the normal University manner.

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

B. Purchase of Buildings and Property, 1556-1558 Hunter Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Milton E. Miller and Marian Miller at a price of \$15,000.00:

Property known as 1556-1558 Hunter Avenue, being 54' off the south end of Lot #1, Burdell and Linen's Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Item 009, Campus Loop Road, S. B. 370.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth V. Battles, Professor, Department of Agricultural Engineering, and George J. Kienzle, Professor and Director of the School of Journalism. 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 have been furnished the families of the deceased.

A. Kenneth V. Battles

The Board of Trustees expresses its sorrow at the death on March 13, 1965, of Kenneth V. Battles, Professor, Department of Agricultural Engineering.

Professor Battles was born in Chesterland, Ohio, on July 2, 1902. He received his B.S. degree from The Ohio State University in 1926 and his M.S. degree from the University of Illinois in 1950.

April 8, 1965 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth V. Battles (continued)

Mr. Battles was an undergraduate student in the Department of Agricultural Engineering at The Ohio State University from 1922 to 1926. Upon graduation he served as assistant to the County Agent in Ashtabula County. In October, 1926, he was appointed County 4-H Club Agent.

In the fall of 1939 he started his graduate work at The Ohio State University. On June 1, 1946, he joined the Department of Agricultural Engineering staff as Extension Agricultural Engineer with the rank of Assistant Professor. He specialized in the field of farm structures. His work at that time was directed toward the development of the Ohio 4-H Camps.

Mr. Battles was granted a leave of absence from his Extension duties from September, 1949, to June, 1950, in order to complete graduate work at the University of Illinois.

After returning to The Ohio State University upon completion of graduate work in 1952, he was promoted to the rank of Associate Professor. During that time he worked with County Agents and farmers. In this position, he arranged tours, meetings, and leader-training schools; worked in the design, construction, arrangement, management, and functioning of structures; and assisted in general farmstead engineering. He was promoted to the rank of Professor in 1962.

At the time of his death, Professor Battles was working in the northeastern district of Ohio and in part of the southeastern district. He had assumed leadership of statewide activities pertaining to development of 4-H Camps and community buildings. Mr. Battles prepared numerous publications and his deep interest in youth activities was widely recognized and appreciated.

Professor Battles was a member of North Broadway Methodist Church, American Society of Agricultural Engineers, Gamma Sigma Delta, Epsilon Sigma Phi, and Council of the Ohio Chapter of Tuscan Lodge F&AM, of which he was Past High Priest.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

B. George J. Kienzle

The Board of Trustees expresses its sorrow at the death on March 21, 1965, of George J. Kienzle, Professor and Director of the School of Journalism.

Mr. Kienzle was born in Decatur, Indiana, on June 30, 1910. He received his Bachelor of Arts degree from The Ohio State University in 1932. He was a newspaperman for 10 years and a business executive for 13 years before joining The Ohio State University faculty on January 1, 1958, as Professor and Director of the School of Journalism. He quickly proved himself to be a distinguished teacher and an inspiring leader in the cause of

April 8, 1965 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. George J. Kienzle (continued)

responsible journalism. He was also a well-known speaker and author. His publications include four books and many magazine articles.

Professor Kienzle was unusually active in campus and community affairs. He was a member of the University's Publication Board and Chairman of the Conference Committee of the Teaching Staff. In addition, he served as President and Trustee of the Franklin County unit of the American Cancer Society, Public Relations Chairman of the Franklin County United Appeal campaign, and President of the Central Ohio Chapter, Public Relations Society of America. He was an honorary member of Omicron Kappa Epsilon dental fraternity. He was a member of the Bexley Methodist Church.

Mr. Kienzle was perhaps best known for his pioneering work in the teaching of medical and dental writing and for his leadership in converting The Ohio State Lantern from a small-circulation tabloid into a standard-size, mass-circulation newspaper with wide influence on the campus and elsewhere.

During his relatively brief period of service on campus, he strongly influenced all students by his stress on professional competence and professional responsibility in journalism.

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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report on Actions Taken by the Ohio Board of Regents at Its Meeting on March 19, 1965 on the Requests Submitted by The Ohio State University

The Ohio Board of Regents at its regular meeting on March 19, 1965, took the following action upon the recommendations which had been submitted by authority of the Board of Trustees of The Ohio State University and are reported for information and record:

1. Approved two new degrees, the Master of Music and the Master of Fine Arts, as requested by the Board of Trustees at its January 14, 1965 meeting.
2. Approved the establishment of a Columbus Branch of The Ohio State University as requested by the Board of Trustees at its March 11, 1965 meeting.

By unanimous consent the Secretary was instructed to include the above report in the minutes of this meeting.

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee

1. Amendment to Resolution Providing for Interim Financing in the Amount of \$11,000,000 for the Construction of Dormitories  
(See Section XI, Item A-3, page 369, March 11, 1965 minutes.)

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following Resolution:

WHEREAS, on March 11, 1965 this Board of Trustees adopted a Resolution entitled "Resolution providing for the issuance of \$11,000,000 of Dormitory Revenue Notes of 1965 of The Ohio State University for the purpose of constructing and equipping dormitories and dining facilities to be known as Jones and Taylor Towers, Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility"; and

WHEREAS, The Ohio National Bank of Columbus, being the original purchaser of said notes, has expressed a desire to have such notes issued in coupon form, and recommends the provision for payment at The Ohio National Bank of Columbus; and

WHEREAS, such proposed changes are satisfactory to the University;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University that the aforesaid Resolution adopted March 11, 1965 be and the same is hereby amended by adding thereto a Section 3A, reading in its entirety as follows:

Section 3A. Said notes may also be issued in bearer coupon form, with interest coupons to be signed by or to bear the facsimile signature of the Vice President, Business and Finance, and said notes, whether in coupon or registered form, may be made payable at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio (hereinafter called the "Paying Agent") which shall also be note registrar for the University, and one of the signatures on the face of any such note may be a facsimile. Such coupon notes shall in all other respects be governed by other provisions of this resolution and shall be substantially in the form as shown in Appendix VII, page 473, with appropriate changes to reflect the provisions of this Section 3A and such other changes as may be approved by the designated officers as authorized by Section 3. Said notes in bearer coupon form shall be delivered in exchange for the temporary note issued as provided in Section 3 hereof upon request therefor made by the owner of such temporary note and otherwise in accordance with the terms of such temporary note.

Both the interest on all coupon notes, and the principal of such notes, unless registered as to principal, 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, if any, representing such interest

April 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

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

1. Amendment to Resolution Providing for Interim Financing in the Amount of \$11,000,000 for the Construction of Dormitories (continued)

as the same respectively fall due. The principal of all registered notes and of all coupon notes registered as to principal alone 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.

Coupon notes, upon surrender thereof at the principal office of the Paying Agent with all unmatured coupons and all matured coupons in default, if any, appertaining thereto may, at the option of the holder or registered owner thereof, be exchanged for an equal aggregate principal amount of registered notes without coupons, of any denomination or denominations authorized by this Resolution, of the same maturity, and bearing interest at the same rate.

Registered notes without coupons, upon surrender thereof at the principal office of the Paying Agent together with an assignment duly executed by the registered owner or his attorney in such form as shall be satisfactory to the Paying Agent, may, at the option of the registered owner thereof, be exchanged for an equal aggregate principal amount of coupon notes of the same maturity, bearing interest at the same rate, with coupons attached representing all unpaid interest due or to become due thereon, or for registered notes without coupons, of any denomination or denominations authorized by this Resolution, of the same maturity, and bearing interest at the same rate.

The University shall make provision for the exchange of notes at the principal office of the Paying Agent, and 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, unless such note is registered as to principal in the manner hereinafter provided, and to any interest coupon shall pass by delivery in the same manner as a negotiable instrument payable to bearer. At the option of the bearer, any coupon note may be registered as to principal alone on books for the registration and transfer of notes, kept by the Paying Agent as note registrar, upon presentation thereof to the Paying Agent which shall make notation of such registration thereon. Any such note registered as to principal

XII. REPORTS (continued)

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

1. Amendment to Resolution Providing for Interim Financing in the Amount of \$11,000,000 for the Construction of Dormitories (continued)

alone may thereafter be transferred only upon an assignment duly executed by the registered owner or his attorney in such form as shall be satisfactory to the Paying Agent, such transfer to be made on such books and endorsed on the note by the Paying Agent. Such transfer may be to bearer and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before.

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, or, at the option of the transferee, coupon notes with coupons attached representing all unpaid interest due or to become due thereon, 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 exchange or transfer of notes sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer, and in addition may charge a sum sufficient to reimburse them for all costs and expenses incurred in connection with such exchange or 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 or exchange any note or notes during the ten (10) days next preceding an interest payment date on the notes.

As to any coupon note registered as to principal alone or 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





April 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Regarding University School (continued)

Mr. Smith L. Rairdon

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March 31, 1965

Hundreds of letters have been received from interested persons requesting favorable action by the House Finance Committee on this matter.

The hearing yesterday brought out that the decision on the part of Dean Cottrell to phase out the upper 6 grades of University School was in no way related to availability of adequate financing.

It is the studied opinion of the Finance Committee of the House that this is a university policy matter and within the province of the Ohio State University Board of Trustees.

The Committee respectfully recommends that the Board of Trustees, because of wide public interest, hold an open meeting on this question and invite a representative group to present their views relative to the future of University School.

Sincerely yours,

/s/ Ralph E. Fisher

Ralph E. Fisher, Chairman  
House Finance Committee

REF:jr

cc: Dr. Novice G. Fawcett  
Dean Donald P. Cottrell  
Governor James A. Rhodes  
Dr. John D. Millett  
Mrs. Palmer B. Stickney

The Chairman then requested President Fawcett to review the sequential developments leading to the administrative decision regarding the continuation of operation of a portion of the University School. Whereupon President Fawcett presented the following statement:

Statement Regarding University School  
Novice G. Fawcett  
April 8, 1965

The University School was established in 1930 as a laboratory facility for the College of Education. While I had been familiar with the University School during my work in public education, my first official involvement with it as President of The Ohio State University was in 1956 when I recommended that thereafter, increases in student fees at The Ohio State University should not be applied to students attending the University School.

April 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Regarding University School (continued)

Statement Regarding University School--Novice G. Fawcett

In April, 1958, the question of fees for University School students was raised once again, and I continued to support lower fees on the basis that the School was an important laboratory of the College of Education. However, the Cabinet requested that I write the Dean of the College of Education indicating that there were some questions about the objectives of the School and urging that the College utilize a five-year period to study the School in depth--defining its objectives, outlining its procedures, and providing evidence of the effectiveness of the School in meeting its objectives. This letter to Dean Cottrell was sent on April 23, 1958.

In December, 1963, the University was deeply engaged in the preparation of a revised capital plan because of the passage of State Issue #1. On December 5, 1963, I asked Dean Cottrell for a formal report on the University School in keeping with my request made five years earlier. I indicated that we needed this formal report to determine the requirements, if any, for the University School in our capital plan. During the five-year period Dean Cottrell had informed me regularly of changes which had been made in the programs of the University School and of some of the problems which the School was facing in becoming an integral part of the professional education program of the College.

On December 18, 1963, Dean Cottrell appointed a faculty committee to meet "an urgent need for a study to be made of the potentialities of a center for school experimentation (including University School) in relation to the overall College objectives of teacher education, research, and field service".

The fourteen member faculty committee reported to the Dean early in March, 1964. The majority report (ten members approving) recommended the complete discontinuance of the K-12 program in the University School and recommended that no new students be enrolled in the School after September, 1964. This report stated, in part that

. . . the committee recommends that the College become involved intimately with school districts which are facing the critical problems of education.

. . . The University School is only tangentially related to the program of teacher education and has not affected, either positively or negatively, the recent dramatic increase in research in the College.

April 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Regarding University School (continued)

Statement Regarding University School--Novice G. Fawcett

. . . The committee believes that the College has demonstrated adequately the fact that public school situations can be used effectively for the conduct of research and for observation, participation, and internship experiences for the pre-service education of school personnel.

A minority report signed by three members of the staff of University School and a professor of psychology urged that the University School be retained.

During March and April, 1964, Dean Cottrell received reactions from faculty groups concerning the report and on May 8, 1964, he announced a decision to retain grades K-6 and to phase out grades 7-12 of the School. This administrative decision to alter the format of a laboratory was made after full consultation with faculty groups and was clearly within the responsibility and the authority of the Dean of the College of Education. On March 12, 1965, at a regular meeting of the faculty of the College of Education, attended by 151 faculty members, a motion to review the administrative decision of the Dean was introduced and defeated.

The study of and decision concerning the University School has been widely publicized. Complete news releases dated March 27, 1964, and May 8, 1964, outlined the progress of the study, the decisions made, and the reasons for the decisions. In every statement, the basis for the decision has been described as a step toward the regrouping of the resources--people, dollars, and facilities--of the College to better serve the needs of public education in a complex society. I have supported these decisions just as I have and will support careful, responsible, professional decisions made by all appropriate members of our University faculty and staff.

I have been dismayed, but not surprised, by the pressures brought upon Dean Cottrell and upon the University to alter this decision. I am advised that on March 4, 1965, the University School Parents Council engaged an advertising agency to conduct a campaign at an estimated cost of \$3500-\$4000 to force the University to change this decision. A major feature of this campaign (which was described in the proposal from the advertising agency as "a war") was to be the solicitation of "letters from the hundreds of teachers and administrators who have visited the school . . . augmented by all other educators in the State who would be urged to send letters of protest . . ." It was also indicated that the agency would recommend "that those writing in support of the School would also write to their State senator or State representative. These letters should be strongly worded and should ask that the legislature propose a special bill to keep the School in operation. It would be

April 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Regarding University School (continued)

Statement Regarding University School--Novice G. Fawcett

hoped that the letters would come in sufficient quantity that the legislators would become alarmed by this ground swell of public sentiment from their own districts".

One result of this campaign was a hearing before the House Finance Committee which resulted in a letter from Chairman Ralph Fisher to Mr. Rairdon and the Board of Trustees requesting that the Board conduct an open hearing into this matter.

As a policy-making body, this Board has always attempted to establish guidelines for action and to employ competent, dedicated, professional people to establish and to conduct educational programs in keeping with those guidelines. The decision with regard to University School has been made in keeping with such procedures. I would hope that the Board might respond to Chairman Fisher by indicating its satisfaction with the manner in which the issue of the University School has been studied and resolved, but would express further its willingness, through a committee of the Board, to meet with a small group representative of the University School Parents Council to hear any views this group may care to present on this subject.

- o -

Chairman Rairdon responded with the expression of full agreement with, and support of, the procedures followed by the University administration in arriving at the decision to modify the program of the University School. He further indicated that with the concurrence of the Board of Trustees, he should like to appoint a small committee of the Board to meet with a small representative group of the University School Parents Council to hear their comments on this subject. Hearing no disagreement, the Chairman stated that he would proceed with the appointment of a committee of Board members at an early date and that he would inform Representative Fisher of the action taken in response to his letter of March 31, 1965. Chairman Rairdon concluded with an expression of appreciation to President Fawcett for the great amount of time and effort which he has put into the resolution of the University School problem.

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Thereupon the Board adjourned to meet Thursday, May 13, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

\_\_\_\_\_  
John T. Mount  
Secretary

\_\_\_\_\_  
Smith L. Rairdon  
Chairman

APPENDIX VII

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE OF 1965

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE OF 1965

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 or, if this note be registered, to the registered owner hereof, on the fifteenth day of September, 1966, the principal sum of

DOLLARS

and to pay, solely from said sources, interest thereon from the date hereof at the rate of two and sixty-five one hundredths per cent (2.65%) per annum payable on September 15, 1965, March 15, 1966 and September 15, 1966 upon the presentation and surrender of the attached interest coupons representing such interest as the same respectively falls due. 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 by First through Fifth Supplemental Trust Agreements) 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 The Ohio State University Dormitory Revenue Bonds, Series J (herein called the Series J Bonds) provided for by resolution of the Board of Trustees adopted March 11, 1965, or the proceeds of the sale of notes issued pursuant to Section 3345.07 of the Revised Code of Ohio 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. The interest on this note and the principal thereof are payable at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio (herein called the Paying Agent), in any coin or currency of the United States of America, which, at the respective dates of payment thereof is legal tender for the payment of public and private debts.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Eleven Million Dollars (\$11,000,000), issued for the purpose of constructing and equipping certain dormitory and dining facilities within or in close proximity to the campus of the University, 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 11th day of March, 1965, as amended on the 8th day of April, 1965 (herein, as so amended, called the Resolution).

Said notes are issuable as coupon notes, registrable as to principal, in the denomination of \$100,000 or any larger amount which is a multiple of \$5,000 and as registered notes without coupons in like denominations. As provided in the aforesaid Resolution, registered notes without coupons may be exchanged at the principal office of the Paying Agent for an equal aggregate principal amount of coupon notes of the same maturity, bearing interest at the same rate and having attached thereto all unmatured

Dormitory Revenue Note of 1965

coupons and any matured coupons in default or for registered notes without coupons of the same maturity bearing interest at the same rate, of authorized denominations, and coupon notes bearing all unmatured coupons and any matured coupons in default may be exchanged at the principal office of the Paying Agent for an equal aggregate principal amount of registered notes without coupons of the same maturity, of authorized denominations and bearing interest at the same rate.

This note may be registered as to principal alone in accordance with the provisions endorsed hereon and subject to the terms and conditions set forth in the aforesaid Resolution.

In consideration of the loan evidenced by said notes, 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 said notes, of the Series J Bonds or notes for the refunding of said notes, pursuant to Section 3345.07 of the Revised Code of Ohio, in such principal amount as shall be necessary to pay the principal of and interest on said notes, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined upon 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.

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 President of the University and the Vice President, Business and Finance, of said University, the official seal of the University to be impressed hereon and the interest coupons hereto attached to bear the facsimile signature of the Vice President, Business and Finance, all as of the 15th day of March, 1965.

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

( S E A L )

By \_\_\_\_\_  
President

And By \_\_\_\_\_  
Vice President, Business and Finance



PROVISIONS FOR REGISTRATION

This note may be registered as to principal alone on books of The Ohio State University kept by the Paying Agent under the within mentioned Resolution as note registrar upon presentation hereof to the Paying Agent which shall make notation of such registration in the registration blank below, and this note may thereafter be transferred only upon an assignment duly executed by the registered owner or his attorney in such form as shall be satisfactory to the note registrar, such transfer to be made on such books and endorsed hereon. Such transfer may be to bearer and thereby transferability by delivery shall be restored, but this note shall again be subject to successive registrations and transfers as before. The principal of this note, if registered, unless registered to bearer, shall be payable only to or upon the order of the registered owner or his legal representative. Notwithstanding the registration of this note as to principal alone, the coupons shall remain payable to bearer and shall continue to be transferable by delivery.

<u>Date of Registration</u>	<u>Name of Registered Owner</u>	<u>Signature of Authorized Officer</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Form of Coupons)

No. \_\_\_\_\_ \$ \_\_\_\_\_

On \_\_\_\_\_ 15, 19\_\_\_\_, The Ohio State University and its Board of Trustees will pay to bearer at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, 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 semi-annual interest then due upon, its The Ohio State University Dormitory Revenue Note of 1965, dated as of March 15, 1965.

\_\_\_\_\_  
Vice President, Business and Finance  
The Ohio State University

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSANDTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 13, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, May 13, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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President Fawcett introduced Dr. G. S. Mahajani, Vice Chancellor of the Udaipur Agricultural University, Udaipur, Rajasthan, India. Vice Chancellor Mahajani is on an executive visit to this University for the purpose of studying how the administrative policies of The Ohio State University might be related to the newly developed Udaipur Agricultural University where members of the faculty from Ohio State have been serving as consultants under the sponsorship of the United States Agency for International Development.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal to Establish New Degree Programs--Doctor of Philosophy and Master of Science in Nuclear Engineering

The Faculty Council on April 13, 1965, upon the recommendation of the Council on Instruction approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that the Graduate School be authorized to grant the degrees--Master of Science and Doctor of Philosophy in Nuclear Engineering.

For several years the University has been developing and integrating some of its offerings in the physical sciences into an interdisciplinary program in nuclear engineering. Laboratory facilities, courses of instruction, and qualified faculty members are now adequate to support graduate programs in this field leading to the degrees of Master of Science in Nuclear Engineering and Doctor of Philosophy in Nuclear Engineering. The faculty from the Departments of Chemistry, Chemical Engineering, Electrical Engineering, Mechanical Engineering, Metallurgical Engineering, Physics, and others will cooperate in teaching the nuclear engineering courses and in advising graduate students in research.

There is no intent to establish a new department and it is clearly understood that this academic program will remain an interdisciplinary effort. Should these graduate degree programs be approved, they will substantially increase the likelihood of support from the Atomic Energy Commission and the National Science Foundation for graduate fellowships and laboratory equipment.

It is therefore recommended that the above proposal to grant the Master of Science in Nuclear Engineering and Doctor of Philosophy in Nuclear Engineering degrees be approved by the Board of Trustees, and pursuant to Section 3333.04 Revised Code of Ohio that the proposal for the new degrees 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, 1965.

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

May 13, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Honorary Degrees

The Faculty Council on April 13, 1965, recommended that honorary degrees be conferred on the following:

Francis Hopkinson Griswold - Doctor of Public Administration

Noel Paul Hudson - Doctor of Science

Elliott Nugent - Doctor of Letters

Thomas F. Patton - Doctor of Laws

Rabbi Morris Silverman - Doctor of Humane Letters

It is therefore recommended that the Board of Trustees approve the awarding of the honorary degrees as indicated to the above-named persons at a Commencement Convocation during 1965 or 1966.

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

C. Joseph Sullivant Medal Award

The Joseph Sullivant Medal is awarded once every five years as a memorial to the eminent services of Mr. Joseph Sullivant, who as a member of the first Board of Trustees contributed significantly in determining the character and future of The Ohio State University.

Pursuant to the authority of the Board of Trustees, nominations for the award shall be referred through the Dean of the Graduate School and the final selection of an individual for nomination to the Board of Trustees is to be made by a Board of Award appointed by the President. The Board of Award has carefully reviewed the records of those nominated through the Council of the Graduate School and has recommended that Professor Robert M. Zollinger, M.D. be awarded the Joseph Sullivant Medal at the June 11, 1965 Commencement Convocation. Dr. Zollinger is a distinguished graduate of the College of Arts and Sciences and the College of Medicine of The Ohio State University and is presently serving as Chairman and Professor in the Department of Surgery.

President Fawcett indicated his great pleasure in endorsing the recommendation that Dr. Robert M. Zollinger be awarded the Joseph Sullivant Medal.

Upon motion of Mr. France, seconded by Mr. Jones, the Board of Trustees by unanimous roll call vote approved the awarding of the Joseph Sullivant Medal to Dr. Robert M. Zollinger.

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May 13, 1965 meeting, Board of Trustees

## II. PERSONNEL CHANGES

It is recommended that all personnel changes since the April 8, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Emeritus Titles:

### A. Emeritus Titles

Wendell D. Postle, College of Dentistry, with the title Professor Emeritus, effective July 1, 1965.

Dean Postle retired as Dean, College of Dentistry, on December 31, 1964, and his retirement from his position as Professor of Dentistry will become effective on June 30, 1965. This retirement is pursuant to and subject to the conditions of the policy relating to the retirement of principal administrative officers adopted by the Board of Trustees on February 6, 1959 and amended on April 12, 1963.

Frank R. Strong, College of Law, with the title Dean and Professor Emeritus, effective July 1, 1965.

Theodore N. Beckman, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1965.

Edgar C. Clark, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1965.

Ralph C. Davis, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1965.

Erwin E. Dreese, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1965.

Foster Rhea Dulles, Department of History, with the title Professor Emeritus, effective July 1, 1965.

D. Luther Evans, Department of Philosophy, with the title Professor Emeritus, effective September 1, 1965.

James F. Fullington, Department of English, with the title Professor Emeritus, effective July 1, 1965.

Weikko A. Heiskanen, Department of Geodetic Science, with the title Professor Emeritus, effective July 1, 1965.

Ruth T. Lehman, School of Home Economics, with the title Professor Emeritus, effective July 1, 1965.

Paul N. Lehoczky, Department of Industrial Engineering, with the title Professor Emeritus, effective July 1, 1965.

May 13, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Emeritus Titles (continued)

James E. Pollard, School of Journalism, with the title Professor Emeritus, effective July 1, 1965.

Tibor Rado, Graduate School, with the title University Research Professor Emeritus, effective July 1, 1965.

Guy-Harold Smith, Department of Geography, with the title Professor Emeritus, effective July 1, 1965.

Edmund M. Spieker, Department of Geology, with the title Research Professor Emeritus, effective September 1, 1965.

Herbert A. Toops, Department of Psychology, with the title Professor Emeritus, effective July 1, 1965.

Carl A. Nissen, Department of Sociology and Anthropology, with the title Associate Professor Emeritus, effective July 1, 1965.

Cloea C. Thomas, School of Music, with the title Associate Professor Emeritus, effective July 1, 1965.

Wilson R. Dumble, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1965.

Ilse E. Wilhelmi, Library, with the title Assistant Professor Emeritus, effective July 1, 1965.

Lillian S. Michaelis, Library, with the title Instructor Emeritus, effective July 1, 1965.

Upon motion of Mr. Davis, seconded by Mr. France, the Emeritus Titles and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents 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 is 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 15, 1965 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

- a. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 Cass Avenue, Argonne, Illinois, for an Investigation of Specific Heat Determinations of Pure, Solid Para Deuterium (to be known as U. S. Atomic Energy Commission Project No. 761 - Sup. #9 - Department of Chemistry).  
Gross Value - \$35,500.00.
- b. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Heterogeneity of Deoxyribonucleic Acids (DNA) (to be known as National Institutes of Health Project No. 1048 - Ext. #5 - Department of Chemistry).  
Gross Value - \$19,610.00.
- c. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for Southwest Cooperative Chemotherapy Group (to be known as National Institutes of Health Project No. 1094 - Ext. #5 - Department of Medicine).  
Gross Value - \$17,174.00.
- d. 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. #5 - Department of Pathology).  
Gross Value - \$24,500.00.
- e. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Synthesis of Polynuclear Aromatic Compounds (to be known as National Institutes of Health Project No. 1229 - Ext. #4 - Department of Chemistry).  
Gross Value - \$27,120.00.
- f. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Factors Determining Cardiac Output in Man (to be known as National Institutes of Health Project No. 1254 - Ext. #4 - Department of Medicine).  
Gross Value - \$17,576.00.
- g. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C., for Characterization of Milk Lipases (to be known as Bureau of State Services Project No. 1263 - Ext. #4 - Department of Dairy Technology).  
Gross Value - \$6,460.00.

May 13, 1965 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)

- h. Department of Health, Education and Welfare, Bureau of State Services, Washington, D. C. , for an Investigation of Milk Protein Changes at Elevated Temperatures (to be known as Bureau of State Services Project No. 1264 - Ext. #4 - Department of Dairy Technology).  
Gross Value - \$19,704.00.
- i. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effects of Bone-conducted Sidetone in Stuttering (to be known as National Institutes of Health Project No. 1350 - Sup. #1 - Department of Speech).  
Gross Value - \$7,234.00.
- j. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for Distribution of Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451 - Ext. #3 - Department of Physiological Chemistry).  
Gross Value - \$26,177.00.
- k. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Ext. #3 - Department of Psychology).  
Gross Value - \$27,098.00.
- l. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. , for Language Retraining for Aphasics (to be known as Vocational Rehabilitation Administration Project No. 1630 - Ext. #2 - Department of Speech).  
Gross Value - \$16,652.00.
- m. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640 - Ext. #2 - Department of Chemistry).  
Gross Value - \$8,856.00.
- n. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemical Characterization of Tyrosinase (to be known as National Institutes of Health Project No. 1654 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$16,756.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- o. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Experimental Demonstration and Evaluation Project (to be known as National Institutes of Health Project No. 1659 - Ext. #2 - Department of Sociology and Anthropology).  
Gross Value - \$61,692.00.
- p. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for 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. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$40,000.00.
- q. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Quinones Related to 9,10-Dimethyl - 1,2-benzanthracene (to be known as National Institutes of Health Project No. 1809 - Ext. #1 - Department of Chemistry).  
Gross Value - \$19,884.00.
- r. National Science Foundation, Washington, D. C., for an Investigation of Ecology of Some Antarctic Algae (to be known as National Science Foundation Project No. 1810 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$15,700.00.
- s. Classified Program (to be known as Classified Program Project No. 1815 - Amend. #3 - Department of Electrical Engineering).  
Gross Value - \$6,500.00.
- t. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for A Study of Eye Movements in Television Viewing (to be known as Office of Education Project No. 1819 - Ltr. of 4/2/65 - Bureau of Educational Research and Service).  
Gross Value - \$26,000.00.
- u. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Experimental Carcinogenesis of the Urinary Bladder (to be known as National Institutes of Health Project No. 1824 - Ext. #1 - Department of Pathology).  
Gross Value - \$11,109.00.

May 13, 1962 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)

- v. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, for Development and Teaching of Weapons Systems Management for the Defense Weapons Systems Management Center (to be known as Air Force Institute of Technology Project No. 1932 - Mod. #3 - Defense Management Center). Gross Value - \$54,025.00.
- w. Bureau of Naval Weapons, Washington, D. C., for an Investigation of Reactive-Wall Reflectors for 9 mm Microwave Operation (to be known as Bureau of Naval Weapons Project No. 1968 - New - Department of Electrical Engineering). Gross Value - \$20,000.00.
- x. National Aeronautics and Space Administration, Washington, D. C., for Data Analysis in Connection with the National Geodetic Satellite Program (to be known as National Aeronautics and Space Administration Project No. 1997 - New - Department of Geodetic Science). Gross Value - \$36,980.00.
- y. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Utilization of the Point Matching Technique for Boundary Value Problem Solutions (to be known as Systems Engineering Group, Research and Technology Division Project No. 1999 - New - Department of Engineering Mechanics). Gross Value - \$24,789.00.
- z. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Planning and Dissemination Conference on Novel Strategies and Tactics for Field Studies of New Educational Media Demonstrations (to be known as Office of Education Project No. 2001 - New - Bureau of Educational Research and Service). Gross Value - \$22,879.00.
- aa. Air Force Missile Development Center, P. O. Box 393, Holloman Air Force Base, New Mexico, for A Study of Track Failure Criteria (to be known as Air Force Missile Development Center Project No. 2003 - New - Department of Engineering Mechanics). Gross Value - \$63,492.00.
- bb. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for an Investigation of Strategies for Educational Change (to be known as Office of Education Project No. 2004 - New - Bureau of Educational Research and Service). Gross Value - \$40,362.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- cc. National Science Foundation, Washington, D. C., for an Investigation of Earthquake Effects on Sherman Glacier, Alaska (to be known as National Science Foundation Project No. 2005 - New - Institute of Polar Studies).  
Gross Value - \$26,200.00.
- dd. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Research and Development Team for the Improvement of Teaching Art Appreciation in the Secondary Schools (to be known as Office of Education Project No. 2006 - New - School of Art).  
Gross Value - \$45,613.00.
- ee. U. S. Department of Labor, Office of Manpower, Automation and Training, Washington, D. C., for Longitudinal Study of the Labor Force Behavior of a National Sample of "Older" Men and Youth (to be known as Office of Manpower, Automation and Training Project No. 2007 - New - Department of Economics).  
Gross Value - \$4,000.00.
- ff. National Science Foundation, Washington, D. C., for Glaciological Investigations of a Cold Glacier (to be known as National Science Foundation Project No. 2008 - New - Institute of Polar Studies).  
Gross Value - \$35,300.00.
- gg. National Science Foundation, Washington, D. C., for an Investigation of Number Theory, Group Theory and Discrete Geometry (to be known as National Science Foundation Project No. 2009 - New - Department of Mathematics).  
Gross Value - \$30,000.00.
- hh. Classified Program (to be known as Classified Program Project No. 2010 - New - Department of Electrical Engineering).  
Gross Value - \$92,874.00.

TOTAL - Government Contracts - Federal \$947,816.00

2. Industrial and Other Contracts

- a. Firestone Tire and Rubber Co., Akron, Ohio, for an Investigation of Health Hazards of Certain Compounds and Products (to be known as Firestone Tire and Rubber Co. Project No. 246 - Ext. #19 - Department of Pathology).  
Gross Value - \$24,000.00.

May 13, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Industrial and Other Contracts (continued)

- b. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, for an Investigation of Pressure-Flow Relationship of the Coronary System as Studied in Intact Anesthetized Dogs (to be known as American Heart Association, Inc. Project No. 1866 - Ext. #1 - Department of Physiology).  
Gross Value - \$9,900.00.
- c. American Heart Association, Inc. , 44 East 23rd Street, New York, New York, for Digitalis Assay in Man (to be known as American Heart Association, Inc. Project No. 1874 - Ext. #1 - Department of Medicine).  
Gross Value - \$13,255.00.
- d. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Pressure-Flow Relationships of Brain Circulation (to be known as Central Ohio Heart Association Project No. 1909 - Ltr. of 3/23/65 - Department of Surgery).  
Gross Value - \$5,171.00.
- \* e. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Ion Transport in Heart Mitochondria (to be known as Central Ohio Heart Association Project No. 1996 - New - Department of Physiological Chemistry).  
Gross Value - \$2,205.00.
- f. The Jockey Club, Inc. , The New York Racing Association, Inc. , Harness Racing Institute, New York, New York, for Equine Clinical Research (to be known as The Jockey Club, Inc. Project No. 2000 - New - Department of Veterinary Medicine).  
Gross Value - \$50,000.00.

TOTAL - Industrial and Other Contracts \$104,531.00

The foregoing forty contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,052,347.00.

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

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

During the period from March 27, 1965 through April 30, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

May 13, 1965 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 236 Ext. #3	Comparative Studies on Corrugated Metal Culvert Pipes, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$14,640.00.
SC 46	Architectural and Engineering Professional Development Courses, Office of Civil Defense, OSA, Architectural and Engineering Division, Washington, D. C. Gross Value - \$16,780.00.

The foregoing two contracts for research in the Engineering Experiment  
Station represent a gross income of \$31,420.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since  
April 8, 1965, and are hereby reported for the record. Appropriate expressions  
of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$619,074.00 granted by the Department of Health, Education, and Welfare,  
Office of Education, Washington, D. C. 20202, to the University for the  
construction of a six-story addition to existing engineering facilities and  
remodeling of one existing building to provide classroom, laboratory,  
and library facilities. (This will be the Materials Engineering and  
Science Building which will include an addition to connect the Chemical  
Engineering Building with Chemical Abstracts Building.) This is a grant  
under Title I of the Higher Education Facilities Act of 1963, Public Law  
88-204 for Project Number 4-0017.
2. \$610,130.00 granted by the Department of Health, Education, and Welfare,  
Office of Education, Washington, D. C. 20202, to the University for "A  
Center for Research and Leadership Development in Vocational and  
Technical Education," under the direction of Dr. Robert E. Taylor,  
Department of Agricultural Education, for the period March 1, 1965  
through August 31, 1966. (OE-5-85-008)
3. \$95,000.00 granted by The Ford Foundation, New York, New York  
10022, to the University over a four-year period for development of  
an industry-related master's level program in design in metallurgical  
engineering.

May 13, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$33,055.00 granted by the 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 Professor Everett C. Shimp and Professor Leonard Schneiderman, School of Social Work, for the period July, 1965 through June, 1966. (Project No. 45 - 65)
5. \$11,413.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Editors Workshop," under the direction of Mr. Campbell B. Titchener, School of Journalism, for the period April 1, 1965 through March 31, 1966. (Grant No. 2 R13 DE02045-02)
6. \$10,460.00 granted by the National Science Foundation to the University for support of an "In-Service Institute in Physics for Secondary School Teachers for 1965-1966," under the direction of Professor William R. Riley, Department of Physics. This grant terminates June 30, 1966. (GE-8479)
7. \$4,940.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Community Health Services, Washington, D. C. 20201, to the University for "Pharmaceutical Services for Nursing Homes," under the direction of Dean Lloyd M. Parks, College of Pharmacy, for the period September 7, 1965 through September 10, 1965. (Grant No. STT-237-65-CH)
8. \$1,850.00 additional grant from the Department of Health, Education, and Welfare, Vocational Rehabilitation, Washington 25, D. C., to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Professor Bernard B. Schlanger, Department of Speech, for the period September 1, 1964 through August 31, 1965. (Grant No. VRA 222-T-65 Amendment No. 2)
9. \$1,550.00 granted by the National Science Foundation to the University for support of research entitled "Doctoral Dissertation Research in Economics," under the direction of Professor Herbert S. Parnes, Department of Economics. This grant is effective April 1, 1965, for a period of approximately one year. (GS-730)

TOTAL - Through the Office of Business and Finance \$1,387,472.00

B. Received Through the Development Fund

1. \$10,045.00 from Dorothy and Lewis Rosenstiel Foundation, New York, New York, for heart research in the College of Medicine.
2. \$10,000.00 from The Kiplinger Association, Inc., Washington, D. C., for use in the School of Journalism.

May 13, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$9,882.60 from John W. Galbreath with the use to be designated at a later date.
4. \$8,500.00 from Procter & Gamble Company, Cincinnati, Ohio, for research in the College of Dentistry.
5. \$6,000.00 from Columbus Medical Center Research Foundation, Inc., Columbus, Ohio, for research in the Department of Microbiology.
6. \$5,950.00 from the Pace Setters of the College of Commerce and Administration for the establishment of The Pace Setters Fund.

The Pace Setters Fund

The Pace Setters Fund was established April 15, 1965, by a gift through the Development Fund from the Pace Setters of the College of Commerce and Administration.

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

The income is to be used for purposes consistent with the Pace Setters' objectives of recognizing and encouraging excellence in scholarship and leadership among undergraduate and graduate students in the College of Commerce and Administration, as deemed appropriate by the Dean of the College.

In the event that the College of Commerce and Administration as it now exists shall be altered in any reorganization of University colleges, schools, and departments, the Board of Trustees shall direct use of the income for purposes within the fields of basic and applied social sciences as recommended by the appropriate administrative official of the University then directly responsible for education in these disciplines.

7. \$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for research in the Institute of Nutrition and Food Technology.
8. \$4,200.00 from North American Aviation, Inc. for the North American Aviation Fellowship in Aviation Medicine.
9. \$4,110.00 from Helen Webb Mendenhall (Mrs. C. B.) for the establishment of The Charles Birkenshaw Mendenhall Memorial Fund.

The Charles Birkenshaw Mendenhall Memorial Fund

The Charles Birkenshaw Mendenhall Memorial Fund was established April 12, 1965, by a gift through the Development Fund from Helen Webb Mendenhall (Mrs. C. B.), in memory of her late husband, who for 22 years was a Professor in the College of Education at The Ohio State University.

May 13, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

9. The Charles Birkenshaw Mendenhall Memorial Fund (continued)

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

The income is to be used for graduate scholarships to students attending The Ohio State University from India who are enrolled in the Department of Education.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income, then the income may be used by the Board of Trustees of The Ohio State University for any worthy University purpose in its discretion, preference to be given, however, to items in the field of education.

10. \$3,630.00 from Tek-Hughes for use in the College of Dentistry.
11. \$3,000.00 from American Cyanamid Company for strengthening teaching in the Department of Chemical Engineering.
12. \$2,500.00 from Cutter Laboratories for the Endocrine Research Fund.
13. \$2,500.00 from Ralph S. Lovett, Cincinnati, Ohio--\$2,000.00 for the establishment of the Ralph S. Lovett Scholarship Fund and \$500.00 for scholarships during the 1965-66 academic year.

Ralph S. Lovett Scholarship Fund

The Ralph S. Lovett Scholarship Fund was established April 15, 1965, by a gift through the Development Fund from Ralph S. Lovett, B.Sc. in Agr. '42.

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

The income is to be used for scholarships to students enrolled in the College of Agriculture, majoring in Animal Science, specializing in Meat Science. Recommendation for the scholarship awards is to be made by a committee composed of the Chairman of the Department of Animal Science and the person in charge of the Meat Division.

In case the need for said scholarships should cease to exist or so diminish as to create unused income then the use of said income shall be determined by the Board of Trustees; first preference, however, to be given to items in the field of Animal Science.

14. \$2,000.00 from Mrs. Edith Fergus Gilmore to be added to the Corwin A. Fergus Memorial Fund.
15. \$2,000.00 from the Link Foundation for the Link Foundation Fund for Aviation Medicine.



May 13, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

- 16. \$2,000.00 from Charles Pfizer & Company, Inc. for the Endocrine Research Fund.
- 17. \$1,582.25 from Josephine Failer--\$1,000.00 for the College of Pharmacy Conference Room Fund and \$582.25 for other projects.
- 18. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
- 19. \$1,500.00 from Universal Oil Products Company, Des Plaines, Illinois--\$1,000.00 to be used for undergraduate scholarships in the Department of Chemical Engineering and \$500.00 as an unrestricted gift to the Department of Chemical Engineering.
- 20. \$1,000.00 from The California Company, New Orleans, Louisiana--\$500.00 to be used for an undergraduate scholarship in Geology for 1965-66 and \$500.00 as an unrestricted grant to the Department of Geology.
- 21. \$1,000.00 from J. Parker Garwick to be added to the fund for the construction of a new residence for the President.
- 22. \$1,000.00 from Nationwide Foundation, Columbus, Ohio, to establish the Nationwide Foundation Actuarial Scholarship Fund.
- 23. \$1,000.00 from Dr. Wendell D. Postle for the Wendell D. and Helen Postle Student Loan Fund.

TOTAL - Through the Development Fund \$89,899.85

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

C. Report from The Ohio State University Development Fund

In March, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	17,216	\$153,514.64
Individuals, other than alumni	47	3,815.50
Nonprofit organizations	14	60,821.38
Business concerns	16	29,976.57
	<u>17,293</u>	<u>\$248,128.09</u>

Of these gifts, 15,167 totaling \$96,345.25 were undesignated and 2,126 totaling \$151,782.84 were designated.

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May 13, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Heat and Power Consultants

It is recommended that \$18,000.00 be appropriated from the University Treasurer General Fund, Budget Account 19999, to cover the cost of services to be rendered by the firm of Giffels and Rossetti, Detroit, Michigan, which has been employed as a consultant to advise on matters relating to plans for the generation of heat and power for the University.

Upon motion of Mr. Davis, seconded by Mr. Loop, the above appropriation of funds was approved by unanimous roll call vote.

B. Appropriations for Research Projects

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated:

\$20,000.00 to the Department of Electrical Engineering for improvements on the radio telescope. This amount is to be combined with \$50,000.00 from other sources. Subaccount (f)

\$15,000.00 to the Department of Chemistry for research equipment. Subaccount (a)

\$15,000.00 to the Department of Electrical Engineering for research equipment in the area of engineering materials. This amount is to be combined with \$30,000.00 from the College of Engineering. Subaccount (a)

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

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VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

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

May 13, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Food Facility (Phase I)

Refrigeration Contract

In recognition of the additional expense incurred by the University due to the failure of the refrigeration contractor to complete the contract within the time specified, it is recommended that liquidated damages as provided for in the contract documents be assessed as a credit to the University. The additional expense was the result of a higher unit cost for the items purchased, \$1,995.10 and storage costs in the amount of \$377.32.

Deduct \$2,372.42

This project is funded in Budget Account 86291.

B. North Commons

Plumbing Contract

It is recommended that the plumbing contractor be reimbursed for the work of relocating the gas main around the proposed building.

Add \$1,209.00

Funds for this project are provided from the Dormitory Construction Fund.

C. Electrical Engineering Research Facilities

General Contract

It is recommended that a 1/2" thick self-adhering foam cushion strip be provided under the bottom channel and over the top channel for all metal stud and drywall partitions and at the intersections of one partition with another and seal all electrical outlet boxes with spackling compound.

Add \$1,180.00

Funds for this project are provided from Budget Account 91023.

D. Taylor Tower

Plumbing Contract

It is recommended that the size of the gas line shown around the proposed Jones Tower be increased from 8" to 10" and an additional 260' of 10" gas line with all valves and connections be provided.

Add \$5,162.00

Funds for this project are provided in the Dormitory Construction Fund.

May 13, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

E. Nosker and Archer Houses

General Contract

In accordance with the specifications for this project, the contract price for caissons is to be adjusted for the actual length of caissons installed on the job. It has been determined that 99.56 lineal feet will be needed.

Add \$1,589.93

Funds for this project are provided in the Dormitory Construction Fund.

Upon motion of Mr. Loop, seconded by Mr. Davis, 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, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Main Library - Third Floor Addition in Main Reading Room (Phase I)

This project is to construct an intermediate floor in the high ceilinged main reading room to expand the reading room and study areas.

Funds for this project will be provided from the Maintenance Account, H. B. 711.

B. Repairs to Floors

This project consists of covering concrete floors and replacing battleship linoleum with vinyl asbestos floor tile in four buildings on campus.

Funds for this project will be provided from the Maintenance Account, H. B. 711.

C. Exterior Painting

This project includes repainting of exterior surfaces of seven buildings.

Funds for this project will be provided from the Maintenance Account, H. B. 200.

D. Curb Repairs

This project includes the replacement of deteriorated curbs on campus streets.

Funds will be provided for this project from the Maintenance Account, H. B. 200.

May 13, 1965 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

E. Repairs to Exterior Masonry

This project includes sandblasting, stonework, caulking windows, and general masonry repairs to the exterior of 14 buildings.

Funds for this project will be provided from the Maintenance Account, H. B. 200, Dormitory Maintenance Account and the Hospital Rotary.

F. Roof Repairs

This project consists of the repair and replacement of roofs and gutters on four buildings.

Funds for this project will be provided from the Maintenance Account, H. B. 200.

G. Street and Parking Area Repairs

This project includes the paving and resurfacing of streets and parking areas.

Funds for this project will be provided from the Maintenance Account, H. B. 200.

H. Sidewalk Repairs

This project consists of resurfacing brick and blacktop walks.

Funds for this project will be provided from the Maintenance Account, H. B. 200.

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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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. New Heating Boiler to Carry Medical Center Load

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 4-12-65)		
E. Keeler, Inc. (Williamsport, Pa.)	\$ 159,951.00	\$ 150,000.00

Funds for this project will be provided from Item 016, S. B. 370.

May 13, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Improvements to the Natatorium Filtering System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 4-12-65)		
Bruner Corporation (Columbus)	\$ 48,386.00	\$ 50,000.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

C. Revision of Acid Waste System in Evans Chemistry Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 4-23-65)		
Kautz Construction Company (Columbus)	\$ 19,000.00	\$ 25,000.00

Funds for this project will be provided from the Maintenance Account, H. B. 711.

D. Garage Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 4-27-65)		
K & I Construction Co. (Dublin, Ohio)		
Base Bid	\$ 43,407.23	\$ 66,000.00
Alt. U-1 Sanitary Bldg. Service Line	4,166.78	2,870.00
Alt. U-2 Storm Sewer, Service Line	5,491.18	6,186.00
Alt. U-3 Water Bldg. Service Line	3,572.37	4,959.00
Alt. U-4 Storm Sewer at Building	4,179.01	2,857.00
Total Contract	<u>\$ 60,816.57</u>	<u>\$ 82,872.00</u>

Funds for this project are provided from the University Treasurer General Fund.

E. Research Space, East Side of Stadium (Phase III)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 4-15-65)		
Pendleton Construction Co. (Columbus)		
Base Bid	\$ 38,900.00	\$ 52,000.00
Alt. G-1 Carpeting in Lieu of Cork		
Tile	2,761.00	3,500.00
Total	<u>\$ 41,661.00</u>	<u>\$ 55,500.00</u>

Heating and Ventilating Contract

(5 bids received 4-15-65)		
The Kuempel Co. (Columbus)		
Base Bid	<u>\$ 20,435.00</u>	<u>\$ 28,000.00</u>

May 13, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. Research Space, East Side of Stadium (Phase III) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 4-15-65)		
Bruner Corporation (Columbus)		
Base Bid	\$ 3,060.00	\$ 4,500.00
<u>Electrical Contract</u>		
(2 bids received 4-23-65)		
Pence Electric Co. (Columbus)		
Base Bid	\$ 16,400.00	\$ 20,000.00
<u>Total All Contracts</u>	<u>\$ 81,556.00</u>	<u>\$ 108,000.00</u>

Funds for this project are provided from Budget Account 91020.

F. Improvements of Fire Alarm Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 4-29-65)		
Westgate Electric and Plumbing, Inc. (Columbus)		
	\$ 21,500.00	\$ 23,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

G. Materials Engineering and Science Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received)		
J. I. Barnes Construction Co. (Springfield, Ohio)		
Base Bid	\$ 958,600.00	\$ 816,600.00
Alt. G-2 Omit Cranes	Deduct 26,500.00	30,000.00
Total Contract	<u>\$ 932,100.00</u>	<u>\$ 786,600.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received)		
The Kuempel Co. (Columbus)		
Base Bid	\$ 409,700.00	\$ 518,100.00
Alt. HV-2 Omit Dust Collectors	Deduct 1,250.00	2,000.00
Total Contract	<u>\$ 408,450.00</u>	<u>\$ 516,100.00</u>

May 13, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

G. Materials Engineering and Science Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (4 bids received)		
Tibbetts Plumbing & Heating Co. (Dayton, Ohio)		
Base Bid	\$ 259,680.00	\$ 226,200.00
Alt. P-1 Omit Vacuum Cleaning		
	Deduct 4,300.00	10,000.00
Alt. P-2 Omit Water Still	Deduct 8,500.00	5,100.00
Total Contract	<u>\$ 246,880.00</u>	<u>\$ 211,100.00</u>
<u>Electrical Contract</u> (4 bids received)		
McCarty Brothers Electric Co. (Columbus)		
Base Bid	<u>\$ 299,900.00</u>	<u>\$ 328,200.00</u>
<u>Laboratory Equipment Contract</u> (3 bids received)		
Kewanee Mfg. Co. (Adrian, Mich.)		
Base Bid	\$ 184,727.00	\$ 241,000.00
Alt. EQ-1 Omit Tables	Deduct 17,092.00	23,500.00
Alt. EQ-2 Omit Storage Cabinets		
	Deduct 18,519.00	32,500.00
Alt. EQ-3 Omit Wall Cabinets	Deduct 10,041.00	34,000.00
Alt. EQ-4 Omit Polishing Tables		
	Deduct 11,213.00	10,000.00
Total Contract	<u>\$ 127,862.00</u>	<u>\$ 141,000.00</u>
<u>Total All Contracts</u>	<u>\$2,015,192.00</u>	<u>\$1,983,000.00</u>

Funds for this project will be provided from Item 002, S. B. 370 and Title I, Federal Grant.

H. Antenna Laboratory, Control Facility at the Saucer Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-3-65)		
E. J. Will & Co. (Columbus)		
Base Bid	<u>\$ 55,996.00</u>	<u>\$ 58,920.00</u>
<u>Plumbing Contract</u> (4 bids received 5-3-65)		
Wuellner & Theado, Inc. (Columbus)		
Base Bid	\$ 8,645.00	\$ 9,585.00
Alt. P-1 Water Service	3,325.00	4,536.00
Total Contract	<u>\$ 11,970.00</u>	<u>\$ 14,121.00</u>



May 13, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Antenna Laboratory, Control Facility at the Saucer Laboratory (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u> (6 bids received 5-3-65)		
Capitol Refrigeration System (Columbus)		
Base Bid	\$ 13,730.00	\$ 18,600.00
 <u>Electrical Contract</u> (2 bids received 5-10-65)		
Gustav Hirsch Organization, Inc.		
Base Bid	\$ 45,700.00	\$ 47,523.00
 <u>Total All Contracts</u>	 <u>\$ 127,396.00</u>	 <u>\$ 139,164.00</u>

Funds will be provided from Budget Account 91034 for this project.

I. Utility Extensions Northeast Corner of Campus--Storm Sewer Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-10-65)		
Kautz Construction Company (Columbus)		
Base Bid	\$ 14,155.00	\$ 15,000.00

Funds for this project will be provided from Item 030, S. B. 370.

Upon motion of Mr. Allyn, 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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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplished the following purpose:

- 149 Authorizes the expenditure of \$4,000.00 from Maintenance Account, H. B. 711, to provide funds for the project "University Airport Heating Plant."
- 153 Authorizes the expenditure of \$135,000.00 from the University Hospital Rotary to provide funds for the project "Renovaton of Seven Areas - University Hospital."
- 155 Authorizes the expenditure of \$155,000.00 from Item 002 Materials Engineering and Science Building, S. B. 370, to provide funds for the purchase of equipment for this project.
- 156 Authorizes the expenditure of \$6,020.00 from Maintenance Account, H. B. 711, to provide funds for the project "Botany and Zoology Building, Site Restoration."
- 157 Authorizes the expenditure of \$34,835.00 from Maintenance Account, H. B. 711, to provide funds for the project "Floor Repairs."

IX. CONTROLLING BOARD APPROVALS (continued)

- 159 Authorizes the expenditure of \$7,300.00 from Maintenance Account, H. B. 711, to provide funds for the project "Repairs to Plaza and Sidewalks Along South Side of the Administration Building."
- 162 Authorizes the expenditure of \$50,000.00 from Maintenance Account, H. B. 711, to provide funds for the project "Improvements to the Natatorium Filtering System."
- 163 Approves the award of contract to the low bidder for the project "New Heating Boiler to Carry Medical Center Load" without further competitive bidding.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Demolition of Frame Building at University Airport

Upon the request of the Vice President for Business and Finance, it is recommended that the present frame building at University Airport be demolished as soon as practical so that the new Aircraft Apron and Fire-Crash and Rescue Building can be constructed on this site. This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Business and Finance.

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

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Richard Steward Blackenberry 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. Blackenberry, 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. Loop, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

C. Employment of Engineers - Dining Facility - Northeast

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

May 13, 1965 meeting, Board of Trustees

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

C. Employment of Engineers - Dining Facility - Northeast (continued)

The fee for this service will be 2.5 per cent of the cost of the mechanical and electrical work, an estimated \$10,025.00 and will be funded from the Dormitory Construction Fund.

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

D. Purchase of Buildings and Property, 41 West Eleventh Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Joseph S. Blair, Jr. and Marjorie J. Blair at a price of \$28,500.00:

Property known as 41 West Eleventh Avenue, being  
Lot #41 College Place Addition, City of Columbus,  
County of Franklin, State of Ohio.

Funds for this purchase are available in Item 009, Campus Loop Road, S. B. 370.

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

E. Purchase of Buildings and Property, 45 West Eleventh Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Caroline A. Vogt at a price of \$23,000.00:

Property known as 45 West Eleventh Avenue, being  
Lot #40 College Place Addition, City of Columbus,  
County of Franklin, State of Ohio.

Funds for this purchase are available in Item 009, Campus Loop Road, S. B. 370.

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

F. Purchase of Property, Lots 61, 63, and 65 Maynard Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Cecil L. Neff at a price of not to exceed \$3,500.00:

Property known as Lots 61, 63, and 65 Maynard Avenue,  
being part of the Montgomery & McKee's Amended and  
Corrected Subdivision, City of Columbus, County of  
Franklin, State of Ohio.

Funds for this purchase are available in the University Treasurer General Fund.

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

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May 13, 1965 meeting, Board of Trustees

## XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Jacob P. Schmidt, Professor Emeritus of Rural Sociology, Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board has been furnished the family of the deceased.

### A. Jacob P. Schmidt

The Board of Trustees expresses its sorrow at the death on April 8, 1965, at Winter Park, Florida, of Jacob P. Schmidt, Professor Emeritus of Rural Sociology.

Professor Schmidt was born in Columbus, Ohio, on February 17, 1893, and grew up with eight brothers and sisters on the family farm in Bainbridge, Ohio. After graduation from high school, he became a teacher in a one-room country school in Ross County and served briefly as Superintendent of Schools in that area. He received his B.S. in Agriculture degree from The Ohio State University in 1916. During World War I, he served as a Second Lieutenant in the Infantry.

In 1919, Mr. Schmidt began his 38-year career with the Ohio Agricultural Extension Service (now the Cooperative Extension Service) as County Agricultural Agent in Morrow County. He later served in Seneca County before becoming an Extension Specialist in Rural Sociology on the State staff at Ohio State in 1928. In 1929, he was appointed supervisor of Farmers' Institutes, later known as Community Institutes, and he continued to direct that program and to serve as a Specialist in Rural Sociology until his retirement in 1957.

Professor Schmidt was one of the first faculty members from the College of Agriculture and Home Economics to go to India in 1955 under a contract between The Ohio State University and the International Cooperation Administration, now the Agency for International Development. He was instrumental in setting up the present system for teaching modern agricultural methods to the people of the Indian states of Punjab and Rajasthan.

One of Professor Schmidt's most important contributions to the rural people of Ohio was his method of bringing them together in small groups or "huddles" to discuss and seek solutions to their common problems. He taught his unique discussion methods, which were used regularly by adult leaders and members of 4-H clubs in Ohio.

On the national level, he was called upon many times to teach his group discussion methods and to serve as moderator for discussion groups in Washington, D. C., New York, Chicago, Los Angeles, and elsewhere.

Professor Schmidt was the author of 25 volumes of Ohio Farmers Institutes, many Extension Service bulletins, and "Aids to Group Discussions." He had recently completed the editing of a "Farm Management Manual for Extension Workers of the Far East and Southwest Asia."

Professor Schmidt was a member of the First Community Church of Columbus where he took part in various church activities. He was also a member of many honorary organizations in agriculture, sociology, and education.

May 13, 1965 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM (continued)

A. Jacob P. Schmidt (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 is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on April 22, 1965 on the Request Submitted by The Ohio State University

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on April 22, 1965, approved a new degree--Doctor of Philosophy in Linguistics--to be granted by The Ohio State University. The Board of Trustees at its January 14, 1965 meeting authorized the granting of the above degree, subject to the approval of the Board of Regents.

By unanimous consent the Secretary was instructed to include the above report in the minutes of this meeting.

B. Reports from the Finance and Investment Committee

1. Easement - City of Mansfield

Mr. Loop, Chairman of the Finance and Investment Committee, presented the following recommendation:

The City of Mansfield has requested a 30-foot easement for construction, operation, maintenance, and repair of a water line and appurtenances to be used for water service to the Mansfield Campus. Said easement shall follow the alignment of State Route #39 across property held by the Board of Trustees and recorded in Richland County Recorder's office, Deed Book 555, pages 70 and 71.

It is recommended that the Vice President for Business and Finance and the Secretary of the Board be authorized to execute the water line easement with the City of Mansfield on behalf of the Board of Trustees.

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

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated April 30, 1965, 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. The Chairman of the Finance and Investment Committee, Mr. Loop, announced that the Board is scheduled to meet informally as a committee of the whole with the investment counselors at 4:00 p. m. on June 9, 1965.

XII. REPORTS (continued)

C. Report from Mr. Bricker Regarding Public Hearing Held Concerning the University School

Mr. Bricker presented the following report:

Mr. Chairman, in accordance with your request, Mr. Stanley C. Allyn and I, as representatives of this Board of Trustees, held a public hearing on Monday of this week--May 10, 1965--for the purpose of receiving points of view on the decision to phase out the upper six grades of the University School. You will recall that when the Board met at its last meeting on April 8, President Fawcett, after presenting a statement on the University's position with respect to the decision, suggested that such a procedure be followed.

Five persons representing the University School Parents Council presented statements opposing the majority report of the College of Education Faculty. Dean Donald P. Cottrell and Professor Edgar Dale testified in support of the faculty recommendation. President Novice G. Fawcett was present and spoke briefly.

Mr. Allyn and I will be prepared to report to the Board at some later date after we have had time to review the statements and exhibits which were presented at the hearing.

D. Report from President Fawcett Pertaining to the Administration of the Guest Speakers Rule

President Fawcett read several communications which had been transmitted through him to the Board of Trustees requesting that prompt attention be given by the Board of Trustees to the revision of Faculty Rule 21.09 pertaining to Guest Speakers. The Secretary of the Board was instructed to file the said communications with the records of the Board of Trustees.

President Fawcett then made the following statement:

Special Report to the Board of Trustees  
Novice G. Fawcett  
May 13, 1965

Because of the rather wide public interest being expressed in student demonstrations, both on this campus and on other campuses throughout the country, I thought it would be appropriate for me to report to you on certain developments which have been in evidence here since this Board last met on April 8, 1965.

On our campus the demonstrations have centered, primarily, around the Speakers' Rule. Following the April 8 meeting of this Board, I was requested to convey a message from the Board to the Chairman of the Faculty Advisory Committee concerning the regularly scheduled meeting of the Board with the Faculty Advisory Committee on July 7 prior to the July meeting of the Board. I was

May 13, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

D. Report from President Fawcett Pertaining to the Administration of the Guest Speakers Rule (continued)

Special Report to the Board of Trustees--Novice G. Fawcett

requested by the Board to inform the Faculty Advisory Committee through its chairman that the Board had voluntarily agreed that at this July meeting the Board would invite the Faculty Advisory Committee to present such suggestions as the Committee deemed appropriate to the solution of the "Speakers' Rule Problem."

On April 9, I met with the Chairman of the Committee to report to him the desire of the Board to reopen the question of the Speaker's Rule on July 7. I stated further that, under the rules, the Board is committed to conducting discussions concerning the Speakers' Rule only with the Faculty Advisory Committee, but that it would suggest to the Committee the importance of consultation with Mr. Howard Hamilton, President of The Ohio State University Association, and one other elected member of that Board, appointed by him, and with Mr. Thomas Workman, President of the Student Senate, and one other member of the Student Senate, appointed by him. I indicated that the Board was interested in receiving from the Faculty Advisory Committee such suggestions as the Committee might deem appropriate to achieve a solution to the "Speakers' Rule Problem" as nearly as possible to the satisfaction of all concerned. I indicated that if the Committee, after consultation with the Faculty Council, alumni representatives, students and others, could bring useful proposals to the July meeting, the Board would be pleased to receive these suggestions in an effort to advance, at an early date, a solution to a very difficult problem that has been the focus of controversy on this campus for a good many years.

The Chairman of the Faculty Advisory Committee reported to the Faculty Council on April 13, 1965, that the Board had indicated its willingness to confront this matter and that the Committee was setting about its assigned task. This report was received by the Faculty Council which unanimously endorsed the action of the Board.

A rally, arranged under the rules of the University, took place on the Oval the following day, April 14. Since that time, there have been recurrent efforts on the part of both recognized and unrecognized student groups to make their views known. Up to this point, these demonstrations have been orderly, in most cases purposeful, and in general within the limits of good taste. As you have followed news stories on these activities, you have, no doubt, noted from time to time a sharp interest in advancing the date on which the Board will give consideration to this matter.

May 13, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

D. Report from President Fawcett Pertaining to the Administration of the Guest Speakers Rule (continued)

Special Report to the Board of Trustees--Novice G. Fawcett

A problem as involved as this one requires time if we are to arrive at a rational and satisfactory solution to it. I and the members of my staff have insisted that the rules now governing the University be followed until such time as any changes that might be forthcoming are developed in an orderly way and through the channels of communication that have been provided over the years for conducting the work of the University.

The Faculty Advisory Committee has held a number of hearings on the subject of the Speakers' Rule and has others scheduled. Since the Committee is an agency of the Faculty Council, plans have been made to complete all hearings during the month of May and to report to the Faculty Council for further deliberations on the subject prior to the time the Committee meets with the Board.

I shall continue to administer this problem in accordance with existing rules and regulations and will do my best, working with all parties concerned, to assist in bringing to the attention of this Board in July such solution or solutions as may seem appropriate in the light of changing conditions that are in progress.

The Chairman recognized Mr. John Ketterer who presented the following resolution and moved that it be adopted:

BE IT RESOLVED that this Board approve without reservation the statement as presented by President Fawcett and that the Board commends the course of action that the President has followed in handling the matter which was the subject of his report.

Mr. France seconded the motion and the resolution was adopted by unanimous roll call vote.

E. Report on Student Leadership Recognition Dinner

Mr. John Bricker reported that he represented the Board of Trustees at the Student Leadership Recognition Dinner on May 5, and that it was indeed an inspiring and impressive event. He suggested and the Board unanimously concurred that the Secretary be instructed to inscribe upon the minutes of this meeting the citation which dedicated the Student Leadership Recognition Dinner to President Novice G. Fawcett. The citation, as it was presented by student leader William Leahy, read as follows:



XII. REPORTS (continued)

E. Report on Student Leadership Recognition Dinner (continued)

DEDICATION OF DINNER TO PRESIDENT FAWCETT

William B. Leahy

May 5, 1965

At the inception of this academic year, a tall, distinguished gentlemen stood on the platform in St. John Arena and uttered these words: "Speaking now quite personally, let me say that among all the people of the world, I believe I like students best. The spark of your collective intellect ignites my enthusiasm. Your worries are my worries. Your problems are my problems. Your aspirations are my aspirations. Your hopes and dreams of a better world are the hopes and dreams of all of us." Those of us who know President Fawcett well, recognize fully the sincerity which lies behind this statement that he made last September at the President's Convocation for new students. Our worries are his worries, and our problems are his problems.

His wholehearted interest in students is demonstrated amply by the unending procession of young men and women who talk with him in his office. The genuine affection that both he and Mrs. Fawcett hold for students has warmed numerous evenings and has brought joy and satisfaction to many student groups who have crowded the inadequate quarters of the President's House. His keen interest in student organizations is shown clearly in the almost unbelievable number of student functions which he attends.

We hope our President understands that we students reciprocate his deep interest and warm affection. During a near tragedy this past summer, the eleven student orientation leaders, nearly all of whom are here this evening, expressed our sentiments in a letter to President Fawcett which became part of the official minutes of the Board of Trustees. They wrote, "Before it becomes too late, we, the students, want to express our sincere gratitude for the bold and dynamic direction which you have given to our University for the past eight years. Selfish though it may be, we should like to see you continue to offer this same leadership to us, to Ohio, and to the nation."

To give tangible evidence of our admiration and respect for President Fawcett, we have prepared this plaque, which reads:

XII. REPORTS (continued)

E. Report on Student Leadership Recognition Dinner (continued)

# In RECOGNITION

of his untiring efforts in behalf of student organizations and student leadership,

## THE FIFTH ANNUAL STUDENT LEADERSHIP RECOGNITION DINNER

is hereby dedicated to

**P**RESIDENT  
Maurice G. Hawcett

by  
the students of Sphinx,  
Mortar Board,  
the Council of Fraternity Presidents  
and the  
Student Senate.

**I**n HIS HONOR, this event will  
henceforth be called the  
— President's —  
Student Leadership Recognition Dinner

May 5, 1965

May 13, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

F. Report from The Ohio State University Research Foundation

Mr. Mount reported that the 28th Annual Report for The Ohio State University Research Foundation has been received. A copy of the report will be mailed to each member of the Board of Trustees and one copy filed with the official records of the Board of Trustees.

G. Report on Highlights of Campus Activities

In concluding the reports presented at the meeting, President Fawcett reviewed some of the significant activities of the University and reported on some special recognitions which have come to the University and its faculty and staff. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. The Department of Metallurgical Engineering will launch an experimental program in graduate education under a recently awarded \$95,000.00 grant from The Ford Foundation. Professor Mars G. Fontana, Chairman of the Department, has advised that the new program would be a terminal master's degree program from which the graduate would go into industry as a practicing engineer.
2. The University has announced that residence hall facilities are fully committed for next Autumn Quarter. The Offices of the Dean of Men and the Dean of Women will assist students in securing accommodations in rooming houses and private homes.
3. The University honored some 375 outstanding students who have distinguished themselves in campus community service at the Fifth Annual Student Leadership Recognition Dinner on May 5. This event is held to give special recognition for student leadership in all areas of campus life. (Executive Dean John T. Bonner interrupted the President's report to advise that upon recommendation of the student leaders the event will be called the President's Student Leadership Recognition Dinner.)
4. Recognition of faculty achievements: Dr. Sidney L. Pressey, Professor Emeritus of Psychology, has been named a founding member of the new National Academy of Education. Vice President John T. Mount has been elected a Vice President and Director of the Afro-American Purchasing Center, Inc., a non-profit New York corporation. Mr. Frederick Stecker, Executive Director for University Relations, is the newly elected President of the United Community Council of Columbus and Franklin County. Professor Harald H. Nielsen, Chairman of the Department of Physics, has been elected a foreign member of the Royal Danish Academy of Sciences and Letters. Professor Everett J. Nelson, Chairman of the Department of Philosophy, has been elected Vice President of the Western

May 13, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

G. Report on Highlights of Campus Activities (continued)

Division of the American Philosophical Association,  
Professor Thomas W. Lippincott, Vice Chairman of  
the Department of Chemistry, has been appointed  
Managing Editor of the Journal of Chemical Education.

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XIII. ELECTION OF OFFICERS

Mr. Bricker 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, 1965, and shall continue through the May, 1966 meeting of the Board:

Chairman - Alan B. Loop

Vice Chairman - Jacob E. Davis

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 acclamation of the Board. In seconding the motion, Mr. Jones expressed on behalf of the entire Board deep appreciation to the retiring Chairman, Mr. Rairdon, for his very effective and dedicated service to the University during the past year.

President Fawcett added his words of high commendation and sincere gratitude to Mr. Rairdon on behalf of the administration, faculty, and students of the University.

Mr. Rairdon responded with the following statement as he transferred the responsibility of Chairman to the newly elected presiding officer, Mr. Alan B. Loop:

I am sure we all join in hearty congratulations to the new officers. We know that their terms of office will be filled to the brim with activity and accomplishments.

At the same time I want to thank each member of the Board for his enthusiastic cooperation in the very full schedule of business we have had during the twelve months just completed. In addition to our frequent meetings of the complete Board, there has been an increased total of important committee participation.

May 13, 1965 meeting, Board of Trustees

XIII. ELECTION OF OFFICERS (continued)

Over 100 years ago it was said that "A University is a school of knowledge of every kind, consisting of teachers and learners from every quarter . . . . It is a place where inquiry is pushed forward and discovery is verified and protected, and rashness rendered innocuous, and error exposed by the collision of mind with mind, and knowledge with knowledge." Today our observation at close hand recognizes many of the same elements; and in this year of great growth at this University the joint accomplishments of the President, the other members of the administration, the faculty, and the students have been significant. In this period of forward movement our relationships have been rewarding.

Earlier I mentioned that this is the one thousandth meeting of the Trustees of The Ohio State University. It would seem that such a record deserves a service award emblem or surely some special recognition. I believe we have available a symbol that is most appropriate.

As you observe, this is a very attractive gavel and container for it-- and they have an interesting related history. In 1951 as I left the presidency of our Alumni Association, this gavel and case were made and presented by me to the Trustees whose Chairman was then General Dargusch. At the same time a duplicate gavel was presented to our Alumni Association for use by its presiding officers. These gavels were made of fine, polished buckeye wood and are another common bond with our Alumni Association.

So I give over this buckeye gavel to Trustee Loop for safekeeping and timely use as a potent tool in the carrying out of his responsibilities as Chairman.

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Thereupon the Board adjourned to meet Thursday, June 10, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

\_\_\_\_\_  
John T. Mount  
Secretary

\_\_\_\_\_  
Smith L. Rairdon  
Chairman

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

Columbus, Ohio, June 10, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, June 10, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1965-66 Fiscal Year

1. The following budgets for The Ohio State University for the fiscal year beginning July 1, 1965, are hereby recommended for approval subject to the passage of Substitute H. B. 200 with allocations at least equal to those in the bill passed by the House of Representatives:
  - a. The Ohio State University annual personnel budget from appropriated general revenue funds, student fees, Morrill Fund, and unrestricted funds, in the amount of \$39,431,596.00; including ranks, titles, and salaries as set forth in the 1965-66 "Salary Roll."
  - b. The Ohio State University operating budget from appropriated general revenue funds, student fees, and unrestricted funds in the amount of \$11,825,700.00. Workmen's Compensation payments are recommended for approval from special funds to be provided by the Ohio Department of Finance for that purpose and enacted by the 106th General Assembly.

Upon motion of Mr. France, seconded by Mr. Davis, The Ohio State University personnel and operating budgets were approved by a five to two roll call vote with Mr. Frederick E. Jones and Mr. Carlton S. Dargusch voting negatively, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

2. The following budgets for The Ohio State University Hospital for the fiscal year beginning July 1, 1965, are hereby recommended for approval subject to the passage of Substitute H. B. 200 with allocations at least equal to those in the bill passed by the House of Representatives:
  - a. The University Hospital annual personnel budget from appropriated general revenue funds and Hospital rotaries in the amount of \$9,124,404.00; including ranks, titles, and salaries as set forth in the 1965-66 "Salary Roll."
  - b. The University Hospital operating budget from appropriated general revenue funds and Hospital rotaries in the amount of \$5,707,724.00. Public Employees' Retirement matching contributions and Workmen's Compensation payments are recommended for approval from special funds to be provided by the Ohio Department of Finance for that purpose and enacted by the 106th General Assembly.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the University Hospital personnel and operating budgets were approved by unanimous roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1965-66 Fiscal Year (continued)

3. The following budgets for the Ohio Cooperative Extension Service for the fiscal year beginning July 1, 1965, are hereby recommended for approval subject to the passage of Substitute H. B. 200 with allocations at least equal to those in the bill passed by the House of Representatives and the passage of the Federal appropriation bills providing funds for the Cooperative Extension Service:
  - a. The Ohio Cooperative Extension Service annual personnel budget from appropriated general revenue funds and rotaries in the amount of \$4,159,936.00; including ranks, titles, and salaries as set forth in the 1965-66 "Salary Roll."
  - b. The Ohio Cooperative Extension Service operating budget from appropriated general revenue funds and rotaries in the amount of \$1,759,754.00. Public Employees' Retirement matching contributions and Workmen's Compensation payments are recommended for approval from special funds to be provided by the Ohio Department of Finance for that purpose and enacted by the 106th General Assembly.

Upon motion of Mr. Bricker, seconded by Mr. France, the Ohio Cooperative Extension Service personnel and operating budgets were approved by unanimous roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

4. It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year beginning July 1, 1965, be approved in an amount not to exceed \$656,004.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 16, 1965.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, The Ohio State University Research Foundation budget was approved by unanimous roll call vote.

5. It is recommended that the annual budget for the Department of Athletics of The Ohio State University for the fiscal year beginning July 1, 1965, be approved in an amount not to exceed \$2,197,613.00. This budget was approved by the Athletic Council at its annual meeting on May 11, 1965.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the Department of Athletics budget was approved by unanimous roll call vote.



I. GENERAL RECOMMENDATIONS (continued)

B. Motor Vehicle, Traffic, and Parking Regulations -  
The Ohio State University

The Board of Trustees on September 13, 1963, upon the recommendation of the Commission on Traffic and Parking and the counsel of the Attorney General of Ohio adopted a formal Code of Motor Vehicle, Traffic, and Parking Regulations for The Ohio State University. In accordance with Ohio Revised Code Section 111.15 the said Code of Regulations was placed on file with the Secretary of State.

On July 17, 1964, the Board of Trustees approved in principle the report submitted by Wilbur Smith and Associates, which included the plans for construction of parking ramps and certain amendments to the Code of Motor Vehicle, Traffic, and Parking Regulations; and the President and the Vice President for Business and Finance were authorized to begin the implementation of the salient recommendations in the report. The Commission on Traffic and Parking upon the advice and counsel of the consulting engineers, Wilbur Smith and Associates, and the special bond counsel, Squire, Sanders & Dempsey, now recommends that the Code of Motor Vehicle, Traffic, and Parking Regulations be amended to incorporate two major changes which involve the parking fee structure and the designation of parking zones. These changes will permit the financing of preliminary expenses connected with the construction of parking ramps and other increases in available parking space.

Specifically, it is recommended that the number of "A" parking zones be reduced from 15 to 8 with the number of parking spaces remaining the same. This change will provide for more flexibility and freedom in faculty and staff parking.

It is further recommended that the fee structure be amended as follows:

	1964-65		1965-66	
	<u>4-wheeled vehicle</u>	<u>2-wheeled vehicle</u>	<u>4-wheeled* vehicle</u>	<u>2-wheeled* vehicle</u>
<u>A REGISTRATION</u>				
Beginning--				
Aut. Qtr. - 12 mos.	\$15.00	\$11.00	\$36.00	\$26.00
Wtr. Qtr. - 9 mos.	12.00	9.00	30.00	21.00
Spr. Qtr. - 6 mos.	9.00	7.00	22.00	16.00
Su. Qtr. - 3 mos.	6.00	5.00	15.00	11.00
<u>B REGISTRATION</u>				
Beginning--				
Aut. Qtr. - 12 mos.	\$ 8.00	\$ 6.00	\$24.00	\$18.00
Wtr. Qtr. - 9 mos.	7.00	5.00	20.00	14.00
Spr. Qtr. - 6 mos.	6.00	4.00	14.00	10.00
Su. Qtr. - 3 mos.	5.00	3.00	10.00	6.00

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\*A registrant may obtain a permit for one additional motor vehicle upon the payment of a fee of \$6.00--an increase of \$1.00 over 1964-65.

I. GENERAL RECOMMENDATIONS (continued)

B. Motor Vehicle, Traffic, and Parking Regulations -  
The Ohio State University (continued)

	1964-65		1965-66	
	<u>4-wheeled vehicle</u>	<u>2-wheeled vehicle</u>	<u>4-wheeled* vehicle</u>	<u>2-wheeled* vehicle</u>
<u>C REGISTRATION</u>				
Beginning--				
Aut. Qtr. - 12 mos.	\$ 7.00	\$ 5.00	\$12.00	\$ 8.00
Wtr. Qtr. - 9 mos.	6.00	4.00	10.00	7.00
Spr. Qtr. - 6 mos.	5.00	3.00	8.00	6.00
Su. Qtr. - 3 mos.	5.00	3.00	5.00	5.00

\* A registrant may obtain a permit for one additional motor vehicle upon the payment of a fee of \$6.00--an increase of \$1.00 over 1964-65.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote, and the Secretary of the Board of Trustees was authorized and directed to file the amended Code of Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University with the Secretary of State and to file such other 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.

C. Degrees and Certificates Conferred -  
Spring Quarter Commencement Convocation

It is recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 11, 1965, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VIII, page 571.)

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

D. Joseph Sullivant Medal Award

The Board of Trustees at the May 13, 1965 meeting approved the recommendation that the 1965 Sullivant Medal be awarded to Dr. Robert M. Zollinger at the June 11, 1965 Commencement. When Dr. Zollinger was informed of the Board action, he reported that he will be in Europe at the time of the June Commencement. He is to receive an Honorary Fellowship in the Royal College of Surgeons of England and will give the principal address at the initiation ceremony. In addition, Dr. Zollinger is to receive an honorary degree at the University of Lyon, Lyon, France, while he is in Europe.

June 10, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Joseph Sullivant Medal Award (continued)

In view of the above circumstances, it is recommended that the Sullivant Medal be awarded to Dr. Zollinger at the August 27, 1965 Commencement.

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

E. Insurance Program for Faculty and Staff

The Retirement and Insurance Committee of the Board of Trustees has been working with the members of the University Administration in an effort to improve the insurance coverage for members of the faculty and staff of the University. As a result of these deliberations and counsel with the insurance consultants to the Board, Carlin & Carlin, it is recommended that the following resolution be adopted:

BE IT RESOLVED, by the Board of Trustees of The Ohio State University, that the following improvements in the University's insurance plan be enacted:

Section 1. Effective July 1, 1965, the group term life insurance program for unclassified employees will be revised to provide a coverage equal to two times annual salary, with a minimum coverage of \$7,500, no maximum, for full-time employees until age 55, with a 3% annual reduction beginning at age 55, but subject to a maximum reduction of \$13,500.

Section 2. The group term life insurance coverage for both classified and unclassified employees will be improved to include waiver of premium for persons disabled before age 60, and one year extension of insurance for persons disabled between the ages of 60 and 65.

Section 3. Accidental death and dismemberment coverage will be instituted for both classified and unclassified employees, so that the amount of accidental death and dismemberment insurance shall equal the amount of group life insurance carried on each individual.

Section 4. Full-time, permanent, hourly employees shall have employee benefits made available to them which are identical to those of the classified employees. Identical payroll deductions will be made to finance these benefits as are now made for classified employees.

Section 5. The increases in premiums necessary to institute the improvements in and additions to the insurance coverage for faculty and staff members of the University as stated above shall be taken from the premium reserves of the University and all costs thereof shall be so funded.

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

II. PERSONNEL CHANGES

It is recommended that all personnel changes since the May 13, 1965 meeting of this 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, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, New and Reappointments of Department Chairmen and Directors of Schools, and Promotions in Academic Rank.

A. Changes in Administrative Responsibilities

Ernest W. Leggett from Assistant Treasurer to Assistant Vice President and Assistant Treasurer, Office for Business and Finance - Administration, effective July 1, 1965, at a salary of \$19,668.00 per annum.

John J. Stephens III from Assistant Dean, College of Arts and Sciences, to Assistant Dean, Off-Campus Education, effective July 1, 1965, at a salary of \$13,668.00 per annum.

John A. Morgan from Assistant to Manager to Manager of Purchases, Office for Business and Finance - Purchasing, effective July 1, 1965, at a salary of \$12,468.00 per annum.

Stephen E. Lance from Construction Superintendent to University Constructor, Office for Business and Finance - Administration, effective July 1, 1965, at a salary of \$10,368.00 per annum.

B. Appointments

William B. Boyd, Associate Dean, College of Arts and Sciences, effective August 1, 1965, at a salary of \$19,668.00 per annum.

James G. Martin, Assistant Dean, College of Arts and Sciences, effective October 1, 1965, at a salary of \$14,268.00 per annum.

Jack Hine, Professor, Department of Chemistry, effective October 1, 1965, at a salary of \$21,768.00 per annum.

Sherwin J. Klein, Professor, Miami University - The Ohio State University - Dayton Campus, effective July 1, 1965, at a salary of \$17,268.00 per annum.

Louis Malspeis, Professor, College of Pharmacy, effective July 1, 1965, at a salary of \$18,168.00 per annum.

Robert G. Turnbull, Professor, Department of Philosophy, effective October 1, 1965, at a salary of \$16,968.00 per annum.

II. PERSONNEL CHANGES (continued)

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person is 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, June 16, 1965 through July 31, 1965, to participate in a program of professional improvement at Colorado State University.

D. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, July 1, 1965 through June 30, 1966, to serve as a consultant at the Punjab Agricultural University in India under The Ford Foundation grant.

Vern R. Cahill, Professor (part time - 61%), Meats Department, July 1, 1965 through January 31, 1966, to serve as a Visiting Professor at Cornell University.

Robert J. Lynn, Professor, College of Law, October 1, 1965 through December 31, 1965, to serve as a Visiting Professor at UCLA.

Roland J. Stanger, Professor, College of Law, October 1, 1965 through September 30, 1966, to serve as a Visiting Professor, Faculty of Law, Haile Sellasie University.

Richard E. Day, Associate Professor, College of Law, October 1, 1965 through December 31, 1965, to serve as a Visiting Professor at the University of Virginia.

James R. Gaines, Associate Professor, Department of Physics, October 1, 1965 through September 30, 1966, to conduct research for the French Atomic Energy Commission, Paris, France.

Jimmie L. Heskett, Associate Professor (part time - 75%), Department of Business Organization, and Associate Professor (part time - 25%), Division of Research, October 1, 1965 through September 30, 1966, to serve as a visiting faculty member at the Graduate School of Business, Harvard University.

Charles W. McLarnan, Associate Professor, Department of Mechanical Engineering, October 1, 1965 through September 30, 1966, to work on a National Science Foundation Postdoctoral Fellowship at Columbia University.

June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Daniel I. Padberg, Associate Professor, Department of Agricultural Economics and Rural Sociology, July 1, 1965 through June 30, 1966, to conduct a study for The National Commission on Food Marketing, Washington, D. C.

William S-Y. Wang, Associate Professor, Linguistics Division - College of Arts and Sciences, October 1, 1965 through January 31, 1966, to serve as a Visiting Professor at the University of California, Berkeley.

Morris Beja, Assistant Professor, Department of English, October 1, 1965 through September 30, 1966, to accept a Fulbright grant at the University of Thessaloniki, Greece.

Reva L. Messier, Assistant Professor (part time - 51%), School of Home Economics, October 1, 1965 through September 30, 1966, due to ill health.

James G. Root, Assistant Professor, Department of Industrial Engineering, October 1, 1965 through September 30, 1966, to accept a Postdoctoral Research Associateship, National Academy of Sciences, National Research Council.

Bernard Rosen, Assistant Professor, Department of Philosophy, October 1, 1965 through September 30, 1966, to teach in the International School of America.

Louis W. Stern, Assistant Professor, Department of Business Organization, October 1, 1965 through September 30, 1966, to accept a position with The National Commission of Food Marketing as a staff economist.

Betty T. Brosch, Instructor (part time - 67%), Department of English, April 1, 1965 through June 30, 1965, due to ill health.

Don F. Seaman, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, June 16, 1965 through August 31, 1965, to participate in a program of professional improvement at The Ohio State University.

Milton D. McLean, Director, Religious Affairs Center, September 20, 1965 through November 19, 1965, to serve as a Visiting Professor at Southern Illinois University, Carbondale, Illinois.

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

William F. Ashe, Department of Preventive Medicine, with the title Professor Emeritus, effective July 1, 1965.

Robert J. Kane, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1965.

George S. Wood, Cooperative Extension Service, with the title Instructor (County Extension Agent, Agriculture) Emeritus, effective July 1, 1965.

F. New and Reappointments of Department Chairmen and Directors of Schools

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Appointed to</u>
Agricultural Economics and Rural Sociology	Mervin G. Smith	June 30, 1969
Agricultural Education	Ralph E. Bender	June 30, 1969
Agronomy	Garth W. Volk	June 30, 1969
Animal Science	George R. Johnson	June 30, 1969
Business Organization	Robert B. Miner	June 30, 1969
Dairy Technology	Ira A. Gould, Jr.	June 30, 1969
German	Dieter Cunz	September 30, 1969
School of Home Economics	Dorothy Scott	June 30, 1969
Horticulture and Forestry	Freeman S. Howlett	June 30, 1969
Medicine	James V. Warren	June 30, 1969
Microbiology	Melvin S. Rheins	June 30, 1969
Mineralogy	Wilfred R. Foster	September 30, 1969
Psychology	Robert J. Wherry	June 30, 1969
Romance Languages	James C. Babcock	June 30, 1969
Speech	W. Hayes Yeager	June 30, 1969

G. Promotions in Academic Rank

Effective October 1, 1965 unless marked with an asterisk (\*) which indicates effective July 1, 1965

College of Agriculture and Home Economics

Agricultural Biochemistry

George S. Serif to Associate Professor

Agricultural Economics and Rural Sociology

\*Raymond A. Bailey to Professor  
 \*Daniel I. Padberg to Associate Professor

June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Agriculture and Home Economics (continued)

Agricultural Engineering

\*Glenn E. Hall to Assistant Professor

Agronomy

\*Donald J. Hoff to Professor  
\*David M. Van Doren to Professor  
\*Robert W. Van Keuren to Professor  
\*Kenneth L. Bader to Associate Professor  
\*Frank L. Himes to Associate Professor

Animal Science

\*Ronald R. Johnson to Professor

Botany and Plant Pathology

T. Richard Fisher to Professor  
J. William A. Burley to Associate Professor  
Robert M. Giesy to Associate Professor

Cooperative Extension Service

\*Austin B. Ezzell to Associate Professor  
\*Anita R. McCormick to Associate Professor  
\*Mabel Sarbaugh to Associate Professor  
\*R. Dale Glass to Assistant Professor  
\*Charles P. Knotts to Assistant Professor  
\*Iris E. Macumber to Assistant Professor  
\*James W. Marquand to Assistant Professor  
\*Pauline Mills to Assistant Professor  
\*John B. Mowbray to Assistant Professor  
\*Kenneth S. Rinehart to Assistant Professor  
\*Helen D. Terrill to Assistant Professor  
\*Marion W. Wallace to Assistant Professor  
\*Marshall K. Whisler to Assistant Professor

Dairy Science

\*Nathan S. Fechheimer to Professor

School of Home Economics

\*Ruth E. Deacon to Professor  
\*Vivian L. Johnston to Associate Professor  
\*Francille Maloch to Associate Professor  
Elizabeth C. Christy to Assistant Professor



June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Agriculture and Home Economics (continued)

Poultry Science

\*Sherman P. Touchburn to Associate Professor

Zoology and Entomology

\*Donald E. Johnston to Assistant Professor

\*Walter T. Momot to Assistant Professor

College of Arts and Sciences

Chemistry

Thor Rubin to Professor  
Thomas R. Sweet to Professor  
Sheldon G. Shore to Professor  
Gideon Fraenkel to Associate Professor  
Derek Horton to Associate Professor  
Daniel L. Leussing, Jr. to Associate Professor

Classical Languages

William R. Jones to Professor

English

\*Matthew J. Bruccoli to Professor  
Albert J. Kuhn to Professor  
Joan Webber to Associate Professor

Geodetic Science

Urho A. K. Uotila to Professor

Geology

Colin B. B. Bull to Professor  
Gunter Faure to Associate Professor

German

Hugo Bekker to Professor  
Marvin S. Schindler to Assistant Professor

History

Paul C. Bowers to Assistant Professor

June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

School of Journalism

*Arthur S. Bostwick	to Assistant Professor
*Frank T. Gaumer	to Assistant Professor
*James F. Hudson	to Assistant Professor
*Robert C. McGiffert	to Assistant Professor

Linguistics Division

Ilse Lehiste	to Professor
Charles J. Fillmore	to Associate Professor

Mathematics

Rafael V. Chacon	to Professor
*Roy F. Reeves	to Professor
Jagdish S. Rustagi	to Professor
Jesse Shapiro	to Professor
David Dean	to Associate Professor

Microbiology

*Colin R. MacPherson	to Professor
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Philosophy

Lee B. Brown	to Assistant Professor
Alston S. Chase	to Assistant Professor
David L. Harbert	to Assistant Professor
Alan M. Hausman	to Assistant Professor
Bruce R. Nyland	to Assistant Professor

Physics

Leonard C. Brown	to Professor
David O. Edwards	to Professor
Charles F. Mate	to Associate Professor

Political Science

Myron Q. Hale	to Associate Professor
David Kettler	to Associate Professor
Leo B. Lott	to Associate Professor

Romance Languages

Charles E. Carlut	to Professor
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June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

Speech

George P. Crepeau to Associate Professor

College of Commerce and Administration

Accounting

Clayton R. Grimstad to Professor

Felix P. Kollaritsch to Professor

Business Organization

Irving Abramowitz to Professor

David L. Bickelhaupt to Professor

Ronald S. Foster to Associate Professor

Geography

Robert M. Basile to Professor

School of Social Work

Sara Ann Foster to Assistant Professor

Sociology and Anthropology

Russell R. Dynes to Professor

Ronald G. Corwin to Associate Professor

James W. VanderZanden to Associate Professor

Robert K. Dentan to Assistant Professor

Harold Mark to Assistant Professor

College of Dentistry

William D. Heintz to Professor

William A. Bruce to Associate Professor

William E. Ashleman to Assistant Professor

Robert Vance Clendenen to Assistant Professor

Richard W. Huffman to Assistant Professor

William H. McCoy to Assistant Professor

\*William W. Merow to Assistant Professor

James A. Rumbaugh to Assistant Professor

Ralph E. Skinner to Assistant Professor

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Education

School of Art

Sidney Chafetz	to Professor
Leonard W. Kitts	to Associate Professor
Anthony Melnikas	to Associate Professor
Matthew Baigell	to Assistant Professor
Joseph L. Fitzpatrick	to Assistant Professor
Joel Smith	to Assistant Professor

Education

*Frederick R. Cyphert	to Professor
Roy A. Larmee	to Professor
George L. Lewis	to Professor
Robert B. Sutton	to Professor
John B. Hough	to Associate Professor
*James P. Shaver	to Associate Professor

School of Music

N. Laurence Burkhalter	to Associate Professor
Keith E. Mixer	to Associate Professor

Psychology

Neal F. Johnson	to Associate Professor
Donald L. Mosher	to Associate Professor

University School and Center for School Experimentation

Fred Schmieder	to Associate Professor
Robert Hightshoe	to Assistant Professor
Phyllis Rolfe	to Assistant Professor

College of Engineering

Aeronautical and Astronautical Engineering

*Stuart L. Petrie	to Assistant Professor
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School of Architecture and Landscape Architecture

*George L. Tilley	to Professor
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Chemical Engineering

Edwin R. Haering	to Assistant Professor
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June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Engineering (continued)

Civil Engineering

\*Robert P. Lottman to Assistant Professor

Electrical Engineering

Edward M. Kennaugh to Professor  
Neal A. Smith to Professor  
Carlton H. Walter to Professor

Engineering Mechanics

William E. Clausen to Assistant Professor

Industrial Engineering

Albert B. Bishop III to Professor  
Thomas H. Rockwell to Professor  
Robert F. Miller to Associate Professor

Metallurgical Engineering

Gordon W. Powell to Professor  
Khosrow L. Moazed to Associate Professor

Mineralogy

Ernest G. Ehlers to Professor  
Rodney T. Tettenhorst to Associate Professor

College of Medicine

Medicine

\*Floyd M. Beman to Professor  
\*Robert L. Wall to Professor  
\*William T. Carter to Assistant Professor  
\*Robert L. Perkins to Assistant Professor  
\*Clyde Schoenfeld to Assistant Professor  
\*Wiley L. Forman to Clinical Professor  
\*William F. Mitchell to Clinical Professor  
\*Robert H. Schoene to Clinical Professor  
\*Paul M. DeMerit to Clinical Associate Professor  
\*John R. Huston to Clinical Associate Professor  
\*James T. Taguchi to Clinical Associate Professor

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

School of Nursing

*Ann J. Buckeridge	to Associate Professor
*Betty Thomas	to Associate Professor
*Alma Wittmeyer	to Associate Professor
*Mary Breese	to Assistant Professor
*Elsie Williams	to Assistant Professor

Obstetrics and Gynecology

*Keith DeVoe, Jr.	to Assistant Professor
*William C. Rigsby	to Assistant Professor
*Nicholas Teteris	to Assistant Professor
*Robert Daly	to Clinical Professor
*Charles W. Pavey, Sr.	to Clinical Professor
*Harry Ezell, Jr.	to Clinical Associate Professor
*Fred Hapke	to Clinical Associate Professor
*Anthony Ruppersberg	to Clinical Associate Professor
*Wendell Scott	to Clinical Associate Professor
*Lloyd Barnes	to Clinical Assistant Professor
*Francis W. Gallagher	to Clinical Assistant Professor
*William B. Merryman	to Clinical Assistant Professor

Occupational Therapy

Barbara Locher	to Professor
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Otolaryngology

*Herbert G. Birck	to Clinical Associate Professor
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Pathology

*Dante G. Scarpelli	to Professor
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Pediatrics

*J. Philip Ambuel	to Professor
*Don M. Hosier	to Professor
*Marion L. Ainsworth	to Clinical Associate Professor
*Homer A. Anderson	to Clinical Associate Professor
*Louise P. Ainsworth	to Clinical Assistant Professor
*Edward E. Donaldson	to Clinical Assistant Professor
*Cecil W. Hales	to Clinical Assistant Professor
*Milton Levitin	to Clinical Assistant Professor
*Malcolm L. Robbins	to Clinical Assistant Professor
*William Rueger	to Clinical Assistant Professor
*Adelaid E. Sauers	to Clinical Assistant Professor
*James R. Scheip	to Clinical Assistant Professor

June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Medicine (continued)

Pharmacology

\*Saradindu Dutta to Assistant Professor

Physiological Chemistry

\*Gerald P. Brierley to Associate Professor

Preventive Medicine

\*Joseph Tomaszefski to Associate Professor

Psychiatry

\*Peter H. Gwynne to Assistant Professor

Radiology

\*Anthimos Christoforidis to Professor  
\*Atis K. Freimanis to Professor  
\*Robert J. Paul to Assistant Professor  
\*Charles D. Schloss to Assistant Professor

Surgery

\*Samuel Marable to Associate Professor  
\*William G. Pace III to Associate Professor  
\*Richard W. Zollinger to Clinical Professor  
\*Philip Hardymon to Clinical Professor  
\*David K. Heydinger to Clinical Associate Professor  
\*James E. Barnes to Clinical Assistant Professor  
\*Jack E. Tetrick to Clinical Assistant Professor

College of Pharmacy

\*Clifton J. Latiolais to Associate Professor

College of Veterinary Medicine

Veterinary Anatomy

\*Martin Y. Andres to Associate Professor  
\*Aaron Horowitz to Assistant Professor

Veterinary Medicine

\*Walter F. Loeb to Associate Professor  
\*Sharon L. Martin to Assistant Professor

June 10, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Veterinary Medicine (continued)

Veterinary Pathology

*Charles C. Capen	to Assistant Professor
*George L. Wolf	to Assistant Professor

Veterinary Physiology and Pharmacology

*Robert L. Hamlin	to Associate Professor
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Office of Academic Affairs

Library

*Florence A. Hendee	to Assistant Professor
*Mary P. Key	to Assistant Professor
*Jeanne B. Lopez	to Assistant Professor
*Eunice G. Lovejoy	to Assistant Professor
*Roland S. Vilums	to Assistant Professor
*Mary D. Walters	to Assistant Professor

Office of Educational Services

Physical Education - Men

*Esco Sarkkinen	to Assistant Professor
*Harry L. Strobel	to Assistant Professor

Physical Education - Women

Bette J. Logsdon	to Associate Professor
Marian K. Solleder	to Associate Professor
Ann Lee Lilley	to Assistant Professor

Upon motion of Mr. France, seconded by Mr. Jones, the Changes in Administrative Responsibilities, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, New and Reappointments of Department Chairmen and Directors of Schools, Promotions in Academic Rank, 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" with the official documents 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 is 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

- a. Department of Navy, Office of Naval Research, Washington, D. C., for an Investigation of Thermodynamic Properties of the Lower Oxides of Boron (to be known as Office of Naval Research Project No. 691 - Amend. #13 - Department of Chemistry).  
Gross Value - \$23,065.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of High-Resolution Infrared Spectra of Tritium and Deuterium Substituted Molecules (to be known as U. S. Atomic Energy Commission Project No. 1098 - Sup. #5 - Department of Physics).  
Gross Value - \$28,000.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Studies with Influenza Vaccination (to be known as National Institutes of Health Project No. 1257 - Ext. #4 - Department of Medicine).  
Gross Value - \$26,086.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effects of Viruses on Germfree Dogs and Cats (to be known as National Institutes of Health Project No. 1356 - Ext. #3 - Department of Veterinary Pathology).  
Gross Value - \$62,408.00.
- e. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for a Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Bureau of State Services Project No. 1442 - Ext. #3 - Engineering Experiment Station).  
Gross Value - \$21,942.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #3 - Institute for Research in Vision).  
Gross Value - \$2,972.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Experimental Polioencephalomyelitis (to be known as National Institutes of Health Project No. 1582 - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$39,397.00.
- h. Department of Navy, Office of Naval Research, Washington, D. C., for 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. #5 - Engineering Experiment Station).  
Gross Value - \$27,000.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Conformational Aspects of Drug Action (to be known as National Institutes of Health Project No. 1650 - Ext. #2 - College of Pharmacy).  
Gross Value - \$11,100.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for A Cross-Cultural Study of Dissociational States (to be known as National Institutes of Health Project No. 1652 - Ext. #2 - Department of Sociology and Anthropology).  
Gross Value - \$41,980.00.
- k. Classified Program (to be known as Classified Program Project No. 1675 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$162,038.00.
- l. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of the Cycling of CL<sup>36</sup> Labeled DDT in a Marsh Ecosystem (to be known as U. S. Atomic Energy Commission Project No. 1794 - Sup. #2 - Department of Zoology and Entomology).  
Gross Value - \$10,000.00.
- m. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tricyclic Tropane Congeners (to be known as National Institutes of Health Project No. 1825 - Ext. #1 - Department of Chemistry).  
Gross Value - \$11,230.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- n. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Preparation and Investigation of High Strength Wires (to be known as Systems Engineering Group, Research and Technology Division Project No. 1826 - Sup. #1 - Department of Metallurgical Engineering). Gross Value - \$15,000.00.
- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - Sup. #1 - Department of Pathology). Gross Value - \$29,998.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Urinary Cytology in Cancer of the Urinary Bladder (to be known as National Institutes of Health Project No. 1849 - Sup. #1 - Department of Pathology). Gross Value - \$16,990.00.
- q. Aerospace Medical Division, Air Force Systems Command, Brooks Air Force Base, Texas, for Research on Visual Recovery from Brief Exposures to Very High Luminance Level (to be known as Aerospace Medical Division, Brooks Air Force Base Project No. 1852 - Mod. #2 - School of Optometry). Gross Value - \$35,187.00.
- r. U. S. Army Medical R&D Command, Office of the Surgeon General, Washington, D. C., for an Investigation of Effects of Physical Conditioning and Acclimatization to Hypoxia on Work Tolerance at High Altitudes (to be known as Office of the Surgeon General Project No. 2002 - New - Departments of Preventive Medicine and Physical Education for Men). Gross Value - \$266,649.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for an Investigation of Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - New - Department of Electrical Engineering). Gross Value - \$65,000.00.
- t. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012 - New - Department of Physiological Chemistry). Gross Value - \$39,862.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Distribution and Metabolism of Dihydroquinidine H<sup>3</sup> (to be known as National Institutes of Health Project No. 2013 - New - Department of Pharmacology).  
Gross Value - \$18,881.00.
- v. National Science Foundation, Washington, D. C., for an Investigation of the Comparative Biochemistry of Analog Purine Nucleosides (Aminonucleosides) (to be known as National Science Foundation Project No. 2014 - New - Department of Biology, Dayton Campus).  
Gross Value - \$35,300.00.
- w. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as National Science Foundation Project No. 2015 - New - Department of Chemistry).  
Gross Value - \$41,400.00.
- x. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Influence of Structure on Verbal Behavior (to be known as National Institutes of Health Project No. 2016 - New - Department of Psychology).  
Gross Value - \$17,487.00.
- y. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Mechanism of Death in Acute Myocardial Infarction (to be known as Bureau of State Services Project No. 2018 - New - Department of Medicine).  
Gross Value - \$37,160.00.
- z. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, Optical Equipment Grant for the Laboratory of Molecular Spectroscopy and Infrared Studies (to be known as U. S. Army Research Office - Durham Project No. 2019 - New - Department of Physics).  
Gross Value - \$180,000.00.
- aa. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for An Experimental and Analytical Study of Similarity Parameters Relating Model Tests in High Enthalpy Hypersonic Wind Tunnels with Full Scale Flight Conditions (to be known as Systems Engineering Group, Research and Technology Division Project No. 2020 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$51,610.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

bb. National Science Foundation, Washington, D. C., for An Electron Transmission Investigation of Defect Interaction in the Diffusion Zone of Binary Diffusion Couples (to be known as National Science Foundation Project No. 2021 - New - Department of Metallurgical Engineering).  
Gross Value - \$23,600.00.

cc. National Science Foundation, Washington, D. C., for A Program of Study in Quantum Field Theory (to be known as National Science Foundation Project No. 2022 - New - Department of Physics).  
Gross Value - \$27,500.00.

TOTAL - Government Contracts - Federal \$1,368,842.00

2. Industrial and Other Contracts

a. Paint Research Institute, 2104 Douglass Boulevard, Louisville, Kentucky, for an Investigation of New Phenolic Intermediates (to be known as Paint Research Institute Project No. 1695 - Ext. #2 - Department of Chemical Engineering).  
Gross Value - \$6,228.00.

b. Organization for Economic Cooperation & Development, 2, rue Andre-Pascal, Paris XVI<sup>e</sup>, France, Problems of Utilization and Deployment of Highly Qualified Personnel and Their Implications for Governmental Policy (to be known as Organization for Economic Cooperation and Development Project No. 1998 - New - Department of Economics).  
Gross Value - \$6,000.00.

TOTAL - Industrial and Other Contracts \$12,228.00

The foregoing thirty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,381,070.00.

Upon motion of Mr. Davis, 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 vote.

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

During the period from May 1, 1965 through May 31, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

June 10, 1965 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 Contract

EES-227      Sensing and Communications Between Vehicles, National  
Ext. #3      Academy of Sciences, Washington, D. C.  
Gross Value - \$24,480.00.

2. Industrial Research Contracts

EES-231      Basic Research on the Corrosion of Iron and Steel,  
Ext. #2      American Iron and Steel Institute, New York, New York.  
Gross Value - \$20,000.00.

EES-245      Fire Safety Characteristics of Certain Building Con-  
Ext. #1      structions and Materials, American Iron and Steel  
Institute, New York, New York.  
Gross Value - \$104,040.00.

EES-265      A Study to Improve Kiln-Fired Ceramics by Optimization  
of Furnace Gases and Firing Cycles, Columbia Gas  
System Service Corporation, Columbus, Ohio.  
Gross Value - \$187,908.00.

EES-266      The Effect of Restraint on the Fire Resistance of Steel  
Constructions, American Iron and Steel Institute, New  
York, New York.  
Gross Value - \$19,560.00.

TOTAL - Industrial Research Contracts \$331,508.00

The foregoing five contracts for research in the Engineering Experiment Station represent a gross income of \$355,988.00.

C. The Ohio State University Airport Runway Extension -  
Amendment to Grant Agreement With the Federal Aviation Agency

On July 17, 1964, the Board of Trustees authorized the award of contracts for the General and Electrical Contracts for Extensions of the Runways and Taxiways at the University Airport--the east-west runway to be extended to 5,000 feet.

Unforeseen field conditions not disclosed by field tests have increased the costs beyond the funds available to complete the project as originally designed.

Current experience of the airport suggests a length of 4,400 feet rather than the 5,000 feet originally contemplated.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. The Ohio State University Airport Runway Extension -  
Amendment to Grant Agreement With the Federal Aviation Agency (continued)

The revised cost of the reduced project, including construction contracts, engineers' fees, and miscellaneous, will be \$400,968.23 which will be funded as follows:

Federal Aviation Agency Grant	\$193,239.00
Appropriation by the Board of Trustees	50,000.00
Credit for Land Purchase	145,000.00
Engineering Experiment Station	7,729.23
	<u>\$400,968.23</u>

It is recommended therefore that Novice G. Fawcett, President of The Ohio State University, be authorized and directed to execute on behalf of the Board of Trustees the amendment to the Grant Agreement with the Federal Aviation Agency made a part hereof, which will eliminate 600 feet at the west end of Runway 9-27 (east-west) and the taxiway in connection therewith.

Upon motion of Mr. Ketterer, seconded by Mr. Davis, the Board of Trustees approved the above recommendation amending the Grant Agreement with the Federal Aviation Agency by unanimous roll call vote.

AMENDMENT NO. 1 TO GRANT AGREEMENT FOR PROJECT NO. 9-33-044-6501  
(Contract No. FA-EA-545)

Effective Date of Amendment: June 7, 1965  
Ohio State University Airport  
Columbus, Ohio

WHEREAS, the Federal Aviation Agency (hereinafter called "FAA") has determined that, in the interests of the United States, the Grant Agreement relating to the above numbered project and entered into by and between the United States of America, acting by and through the FAA, and the Board of Trustees of The Ohio State University (hereinafter called "Sponsor") and executed by the Sponsor on July 31, 1964, should be amended as hereinafter provided,

NOW, THEREFORE, WITNESSETH:

That in consideration of the benefits to accrue to the parties hereto, the FAA, acting for and on behalf of the United States, on the one part, and the Sponsor, on the other part, do hereby agree that the said Grant Agreement be and the same hereby is amended, as follows:

1. By deleting the project description appearing in the second "WHEREAS" clause on Page 1 of the Grant Agreement and substituting the following in its place and stead:

June 10, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

Amendment No. 1 to Grant Agreement for Project No. 9-33-044-6501  
Contract No. FA-EA-545 (continued)

Land acquisition, consisting of fee simple title free and clear of exceptions and encumbrances objectionable to the FAA in and to Parcels 13, 24 and 25 as shown on the property map Exhibit "A"; extend Runway 9-27 (east end 1400'); extend runway lights and relocate threshold lights Runway 27; construct taxiway extension to east end of Runway 9-27; extend Runway 14-32 (700')

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to the said Grant Agreement to be duly executed.

UNITED STATES OF AMERICA  
FEDERAL AVIATION AGENCY

By \_\_\_\_\_  
Acting Director, Eastern Region

BOARD OF TRUSTEES OF  
THE OHIO STATE UNIVERSITY

By \_\_\_\_\_  
Title \_\_\_\_\_ President

\_\_\_\_\_  
Date of Execution  
(SEAL)

Attest: \_\_\_\_\_  
Title : \_\_\_\_\_ Secretary

CERTIFICATE OF SPONSOR'S ATTORNEY

I, \_\_\_\_\_, acting as Attorney for Board of Trustees of The Ohio State University (hereinafter referred to as "Sponsor") do hereby certify:

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

Dated at Columbus, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_, 1965.

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

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June 10, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since May 13, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$80,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, 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, 1965 through June 30, 1966. (Grant 5 T1 GM 1052-03)
2. \$75,519.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, 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, 1965 through June 30, 1966. (Continuing project reported to the Board April 6, 1962.) (Grant 5 T1 HE 5546-05)
3. \$64,960.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., to the University for "Training Program in Occupational Health," under the direction of Dr. William F. Ashe, Department of Preventive Medicine, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 ES 32-03)
4. \$45,882.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Research Training - Social Sciences," under the direction of Dr. Raymond F. Sletto and Dr. Saad Z. Nagi, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-7853-04)
5. \$38,605.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training," under the direction of Dr. Samuel P. Daykin, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-8254-03)
6. \$38,088.00 granted by the United States Atomic Energy Commission, Washington, D. C. 20545, to the University for use in the College of Engineering for the purchase of equipment to be used in educational programs. (Grant No. NSE-23-2-65)
7. \$35,837.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Psychiatric Social Work," under the direction of Mrs. Miriam E. Prince, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-6530-09)

IV. GRANTS AND GIFTS (continued)

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

8. \$35,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Undergraduate Training," under the direction of Dr. Robert T. Trippy, College of Dentistry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T2 DH 5044-04)
9. \$30,699.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Undergraduate Training," under the direction of Dr. Ralph M. Patterson, Department of Psychiatry, for the period July 1, 1965 through June 30, 1966. (Grant 2 T2 MH-5924-15)
10. \$29,225.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training Grant - Arthritis and Metabolic Diseases," under the direction of Dr. George H. Hamwi, Department of Medicine, for the period July 1, 1965 through June 30, 1966. (Continuing project reported to the Board May 18, 1962.) (Grant T1 AM 5118-09)
11. \$27,917.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training Grant - Arthritis and Metabolic Diseases," under the direction of Dr. John C. Ullery, Department of Obstetrics and Gynecology, for the period July 1, 1965 through June 30, 1966. (Grant T1 AM 5403-03)
12. \$25,424.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training - Experimental - General Psychology," under the direction of Dr. Delos D. Wickens, Department of Psychology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-8526-02)
13. \$25,000.00 granted by the United States Atomic Energy Commission, Washington, D. C. 20545, to the University for use in the Department of Metallurgical Engineering for the purchase of equipment to be used in educational programs. (Grant No. NSE 22-2-65)
14. \$23,328.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training Program in Pathology," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 GM 1062-03)

June 10, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

15. \$21,430.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Undergraduate Training," under the direction of Miss Mildred E. Newton, School of Nursing, for the period July 1, 1965 through June 30, 1966. (Grant 5 T2 MH-6375-09)
16. \$19,892.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training Program in Microbiology," under the direction of Dr. Jorgen M. Birkeland, Department of Microbiology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 GM 705-05)
17. \$19,000.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for the purchase of undergraduate instructional scientific equipment. This project is under the direction of Professor Melvin S. Rheins, Department of Microbiology. This grant terminates on April 30, 1967. (GE-9368)
18. \$18,132.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training - Physiological Psychology," under the direction of Dr. Donald R. Meyer, Department of Psychology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-6748-08)
19. \$17,622.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Career Development - 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, 1965 through June 30, 1966. (Grant 5 K3 HD-22,534-02)
20. \$16,100.00 from Alfred P. Sloan Foundation, New York, New York 10020, to the University for use in the Department of Chemistry in support of fundamental research.
21. \$14,904.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training, Psychiatry," under the direction of Dr. Leonard P. Ristine, Department of Psychiatry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-8458-02)
22. \$13,899.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Training - Parasitology and Medical Entomology," under the direction of Dr. G. W. Wharton, Department of Zoology and Entomology, for the period July 1, 1965 through June 30, 1966. (Continuing project reported to the Board February 16, 1962.) (Grant 5 T1 AI 216-05)

June 10, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

23. \$11,553.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for "Graduate Training Grant," under the direction of Dr. George J. Hamwi, Department of Medicine, for the period July 1, 1965 through June 30, 1966. (Grant T1 AM 5118-09S1)
24. \$7,000.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for support of an "Undergraduate Research Participation Program," under the direction of Dr. Arnold E. Ross, Department of Mathematics. This grant terminates October 31, 1965. (GE-9280)
25. \$3,800.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for support of research entitled "Pleistocene Environment of The Bering-Chukchi Land Bridge," under the direction of Professor Paul A. Colinvaux, Department of Zoology and Entomology. This grant is effective June 1, 1965, for a period of approximately one year. (Grant GB-3713 - Continuation of GB-2989)
26. \$3,500.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for support of the "Midwest Conference on Theoretical Physics," under the direction of Professor Robert E. Mills, Department of Physics. This grant is effective May 15, 1965, for a period of approximately one year. (GP-4544)
27. \$3,000.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for the purchase of undergraduate instructional scientific equipment. This project is to be under the direction of Professor James A. Robinson, Department of Political Science. This grant terminates on April 30, 1967. (GE-9311)
28. \$1,944.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training - Social Work," under the direction of Professor Merriss Cornell, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-7507-05)
29. \$1,600.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training - Psychiatry," under the direction of Dr. Ralph M. Patterson, Department of Psychiatry, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 MH-10056-01)

TOTAL - Through the Office of Business and Finance \$748,860.00

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$11,643.75 in securities from James C. Donnell II, Findlay, Ohio, for the Charles Austin Doan Fund. These securities were added to the University Treasurer Endowment Fund.
2. \$10,000.00 from Willard M. Kiplinger for the George J. Kienzle Memorial Scholarship Fund.

George J. Kienzle Memorial Scholarship Fund

The George J. Kienzle Memorial Scholarship Fund was established May 6, 1965, by a gift through the Development Fund from Willard M. Kiplinger, B.A. '12, LL.B. '37 "Hon.," in memory of George J. Kienzle, B.A. '32, former Director of the School of Journalism. The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for scholarships to students in the School of Journalism as recommended by the Director of the School. The principal may also be invaded to the extent of part or all of it and expended in the same manner as provided for the use of the income.

3. \$7,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$6,000.00 for the Lubrizol Foundation Fellowship Fund and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
4. \$6,474.00 from the Mark L. Morris Animal Foundation for use in the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
5. \$5,000.00 from Sears Roebuck Foundation, Chicago, Illinois, for the National Center for Agricultural Education.
6. \$3,700.00 from The Dow Chemical Company, Midland, Michigan--\$2,500.00 to the Department of Chemical Engineering and \$1,200.00 for the Department of Chemistry to be used for scholarships and fellowships.
7. \$3,423.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
8. \$2,734.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
9. \$2,517.23 from Isadore and Ida Topper for The Frank and Gertrude Strong Moot Court Award for the College of Law.

The Frank and Gertrude Strong Moot  
Court Award for the College of Law

The Frank and Gertrude Strong Moot Court Award for the College of Law was established May 3, 1965, by a gift through the Development Fund from Isadore and Ida Topper in honor of Frank R. and Gertrude Way Strong.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

9. The Frank and Gertrude Strong Moot Court Award for the College of Law (continued)

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

The income is to be used annually by the College of Law to provide an award or awards to the student or students who, in the judgment of the Moot Court Governing Board and the faculty adviser to the moot court program, has written the best brief in the first-year moot court program.

In the event the moot court program should be abandoned at some date in the future then the income may be used by the Board of Trustees of The Ohio State University for purposes within the field of law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

10. \$2,000.00 from Belle S. Rebrassier (Mrs. Russell E.), Columbus, Ohio, for the Dr. Russell E. Rebrassier Memorial Veterinary Loan Fund.
11. \$1,800.00 from Texaco, Inc. for the Texaco Scholarship Fund.
12. \$1,792.10 from friends, faculty, students, and alumni of the School of Architecture and Landscape Architecture for the School of Architecture Endowment Fund.

School of Architecture Endowment Fund

The School of Architecture Endowment Fund was established May 13, 1965, by gifts through the Development Fund from friends, faculty, students, and alumni of the School of Architecture and Landscape Architecture.

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 upon recommendation of the Director of the School of Architecture and Landscape Architecture for purposes not provided by State appropriated monies.

In the event of a reorganization of colleges, schools, and departments, recommendations for use of income shall be made by the appropriate administrative official then responsible for architectural education at The Ohio State University.

13. \$1,200.00 from Burton, Parsons & Company, Inc., Washington, D. C., for research in the Department of Microbiology.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

14. \$1,000.00 from American Welding Society, Chicago Section, Chicago, Illinois, for loans to students in the Department of Welding Engineering.
15. \$1,000.00 from Lois W. Beathard (Mrs. Roger S.), Tom P. Wuichet, and John W. Wuichet, Jr., daughter and sons of John W. Wuichet, Sr., for the John W. (Pat) Wuichet Memorial Fund.

John W. (Pat) Wuichet Memorial Fund

The John W. (Pat) Wuichet Memorial Fund was established May 10, 1965, by gifts to the Development Fund from Lois W. Beathard (Mrs. Roger S.), W '40; Tom P. Wuichet, M.B.A. '48; and John W. Wuichet, Jr., B.Sc. Bus. Adm. '34, daughter and sons of John W. Wuichet, Sr., B.Sc. in Agr. '08, former Professor in the Department of Animal Husbandry, in his memory.

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 an appropriate recognition annually for livestock-judging team members at The Ohio State University and these awards are to be known as the John W. (Pat) Wuichet Awards.

In the event of the abandonment of a livestock-judging team at The Ohio State University, the income may be used for any purpose within the field of agriculture, preference to be given, however, to items in the area of Animal Science or Animal Husbandry.

TOTAL - Through the Development Fund \$61,784.08

C. Gift-in-Kind

A gift identified as "The DeLong Collection of American Cicadellidae" has been received from Professor Emeritus Dwight M. DeLong. The collection is composed primarily of leafhoppers (Homoptera-Cicadellidae) and is the basis for some 250 publications written by the owner since 1916. These publications have greatly increased the value of the collection as each designates type specimens, upon which the name and descriptive material is based. These types consequently became important for all future scientific studies in this field.

Dr. Alfred B. Garrett, Vice President for Research, Dr. Roy M. Kottman, Dean of the College of Agriculture and Home Economics, and Dr. G. W. Wharton, Chairman of the Department of Zoology and Entomology, have advised that the DeLong Collection would be of significant value to the biological science programs of the University.

June 10, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind (continued)

The American Museum of Natural History in New York has placed certain monetary value upon the specimens included in the collection, and upon this basis the estimated worth of the gift is considered to be in excess of \$50,000.00.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the acceptance of the above grants and gifts was approved by unanimous 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 April, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,660	\$ 39,131.10
Individuals, other than alumni	202	9,411.31
Nonprofit organizations	23	53,900.17
Business concerns	18	26,919.20
	<u>2,903</u>	<u>\$129,361.78</u>

Of these gifts, 2,267 totaling \$21,579.65 were undesignated and 636 totaling \$107,782.13 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation of Funds for Matching National Science Foundation Grants for Undergraduate Instructional Equipment

At the request of the Vice President for Instruction and Dean of Faculties, and with the approval of the Vice President for Research and of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Sub-accounts as designated for matching National Science Foundation grants to the University for support of "Undergraduate Instructional Scientific Equipment Program" projects:

\$19,000.00 for the Department of Microbiology under the direction of Professor Melvin Rheins to match \$19,000.00 granted by NSF Subaccount (a)

\$3,000.00 for the Department of Political Science under the direction of Professor James A. Robinson to match \$3,000.00 granted by NSF Subaccount (a)

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



June 10, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Newcomers Reception

Upon the recommendation of Mr. Frederick Stecker, Executive Director for University Relations, whose office is assigned the responsibility for planning the annual Newcomers Reception, and with the concurrence of the President's Cabinet, it is recommended that an amount not to exceed \$1,200.00 be appropriated from the University Treasurer General Fund for the purpose of defraying the expenses of this function which will be held on Tuesday, October 5, 1965.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

C. Appropriation for Equipment

At the request of the Vice President for Research, it is recommended that a sum not to exceed \$5,000.00 be appropriated from the University Treasurer Research Subaccount (f) to the Department of Zoology and Entomology to be used for the purchase of suitable equipment to house "The DeLong Collection of American Cicadellidae."

Upon motion of Mr. Bricker, seconded by Mr. Dargusch, the Board of Trustees by unanimous roll call vote approved the above appropriation of funds.

D. The Mershon Fund Restricted Portion--Education in National Security

Based upon the anticipated earnings from the Mershon Fund during 1965-66, the Mershon Committee on Education in National Security under the chairmanship of Professor Robert J. Nordstrom has proposed, with the concurrence of Vice Presidents Weaver and Garrett, the following budget for 1965-66:

Budget Request

Social Science Division	\$258,672.00
Institute for Polar Studies	25,249.00
Development of Genetics	15,000.00
Drug Formulations for Survival Kits and Stockpile Purposes	4,500.00
Infrared Research and Spectroscopy	5,000.00
Radio Astronomy	15,000.00
Program and Committee Support	<u>8,000.00</u>
Total Operating Budget	\$331,421.00
Less Estimated Balance 1964-65	<u>31,421.00</u>
Total New Appropriation	<u><u>\$300,000.00</u></u>

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

D. The Mershon Fund Restricted Portion--Education in National Security  
(continued)

It is hereby recommended that the Board of Trustees approve the budget request and an allocation not to exceed the amounts indicated above with the understanding that expenditures will be approved and administered under the authority of the President and through the offices of the Vice President for Instruction and Dean of Faculties and the Vice President for Research, subject to quarterly allotments. It is recommended further that to cover this budget request \$300,000.00 be allocated from the civilian-military portion of the Mershon Fund and that the estimated balance of \$31,421.00 from the 1964-65 budget be reallocated.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by a six to one roll call vote with Mr. Carlton S. Dargusch voting negatively.

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VI. EXTRA ORDERS TO CONTRACTS

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

A. Improvements to Fifth Avenue Dam Across the Olentangy River

It is recommended that the following changes be made:

1. Patch additional holes (153.22 sq. ft.) on south face of dam. Add \$1,125.00.
2. Construct deflectors at each end of dam. Add \$878.00.
3. Construct drain in east abutment of dam at low point and fill with concrete and finish three holes. Add \$480.00.

Total addition    \$2,483.00

Funds will be provided for this extra order from Item 025, S. B. 370.

B. Electrical Engineering Research Facilities

Heating, Ventilating and Air Conditioning Contract

It is recommended that high-efficiency filters for the central air conditioning be furnished and installed.

Add    \$2,100.00

Funds will be provided for this extra order from Budget Account 91023 Electrical Engineering Research Facility.

VI. EXTRA ORDERS TO CONTRACTS (continued)

C. Dayton Branch Campus - Phase II, Science Building

It is recommended that additional Laboratory Equipment be provided in accordance with unit prices quoted under Item 2A on the Form of Proposal. The following extra orders will be issued to cover this equipment and its installation:

1. Laboratory Equipment Contract. Add \$25,633.00.
2. Electrical Contract. Add \$2,994.57.
3. Mechanical Contract. Add \$6,664.00.
4. Plumbing Contract. Add \$4,790.00.

Total addition    \$40,081.57

Funds will be provided for these extra orders from Item 017, S. B. 370.

D. Dayton Branch Campus - Phase II, Science Building

It is recommended that changes be made in the laboratory utility outlets and that fume hoods be added on the fourth floor. The following extra orders will be issued to cover these changes:

1. General Contract. Add \$128.70.
2. Laboratory Equipment Contract. Add \$11,734.55.
3. Plumbing Contract. Add \$7,009.00.
4. Mechanical Contract. Add \$14,918.00.
5. Electrical Contract. Add \$4,675.14.

Total addition    \$38,465.39

Funds for this work will be provided from Item 017, S. B. 370.

Upon motion of Mr. Ketterer, seconded by Mr. Davis, 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, it is 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. Sidewalk Repairs at Eleventh Avenue and High Street

This project will replace deteriorated sidewalks with brick to match existing brick walk on Eleventh Avenue.

Funds for this project will be provided from the Maintenance Account, H. B. 200.

B. Pulsed Van de Graaff Accelerator Facility

This project is an underground facility to house a pulse-type Van de Graaff accelerator.

Funds for this project will be provided from Item 029, S. B. 370, and Account 813 (601), H. B. 711.

Upon motion of Mr. Bricker, 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, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Aeronautical and Astronautical Research Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 5-18-65)		
C. C. Vogel, General Contractors		
(Columbus)		
Base Bid	\$ 354,900.00	\$ 391,200.00
Required Substitute Bid - Rocket Pit		
Doors	17,650.00	
Total Base Bid	<u>\$ 372,550.00</u>	<u>\$ 391,200.00</u>
Alt. G-3 Site Work	21,500.00	18,000.00
Total Contract	<u>\$ 394,050.00</u>	<u>\$ 409,200.00</u>
 <u>Plumbing Contract</u>		
(6 bids received 5-18-65)		
Huffman-Wolfe Co. (Columbus)	<u>\$ 59,900.00</u>	<u>\$ 49,185.00</u>

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Aeronautical and Astronautical Research Laboratories (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(3 bids received 5-18-65)		
Lieb-Jackson, Inc. (Columbus)		
Base Bid	\$ 138,223.00	\$ 113,315.00
Alt. H-1 Water Chilling Plant	21,268.00	25,000.00
Alt. H-2 Moving Existing Equipment	15,288.00	7,498.00
Total Contract	<u>\$ 174,779.00</u>	<u>\$ 145,813.00</u>
 <u>Electrical Contract</u>		
(3 bids received 5-18-65)		
S & S Electric Co., Inc. (Columbus)		
Base Bid	\$ 99,410.00	\$ 81,500.00
Alt. E-1 Moving Existing Equipment	12,990.00	7,750.00
Alt. E-3 Changes in D. C. Bus Duct	16,850.00	10,000.00
Total Contract	<u>\$ 129,250.00</u>	<u>\$ 99,250.00</u>
 <u>Total All Contracts</u>	 <u>\$ 757,979.00</u>	 <u>\$ 703,448.00</u>

Funds for this project will be provided from Item 008, S. B. 370, and a National Science Foundation Grant.

B. General Academic Facility, Lima Campus

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 5-21-65)		
H. U. Tuttle & Son (Lima)		
Base Bid	\$1,070,866.00	\$1,037,463.00
Alt. G-2 Tar and Chip Parking #1	- 6,136.00 -	8,850.00
Alt. G-3 Tar and Chip All Drives	- 7,502.00 -	10,300.00
Alt. G-4 Delete Parking #2	- 48,106.00 -	46,000.00
Alt. G-5 Change Elevator Speed and Capacity	- 2,040.00 -	600.00
Alt. G-11 Omit Manholes on Storm Sewer	- 3,070.00 -	600.00
Alt. G-13 Delete Sewage Treatment Plant Work	- 25,596.00 -	12,000.00
Total Contract	<u>\$ 978,416.00</u>	<u>\$ 959,113.00</u>
 <u>Plumbing Contract</u>		
(4 bids received 5-21-65)		
Terry P. Smith, Inc. (Lima)		
Base Bid	\$ 163,840.00	\$ 158,760.00
Alt. P-1 Omit Vacuum Cleaning System	- 6,457.00 -	4,500.00
Alt. P-3 Revised Storm Sewer Outlet	- 19,845.00 -	7,200.00
Alt. P-5 Revise Sewage Treatment Plant	- 4,716.00 -	35,000.00
Total Contract	<u>\$ 132,822.00</u>	<u>\$ 112,060.00</u>

June 10, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. General Academic Facility, Lima Campus (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u> (4 bids received 5-21-65)		
Boughan Bros., Inc. (Lima)	\$ 283,497.00	\$ 263,985.00
<u>Electrical Contract</u> (3 bids received 5-21-65)		
Reynolds Electric Co., Inc. (Lima)		
Base Bid	\$ 176,000.00	\$ 166,066.00
Alt. E-3 Vacuum Cleaning System	- 350.00	- 575.00
Alt. E-4 Parking #2 Lighting	- 13,800.00	- 19,360.00
Total Contract	\$ 161,850.00	\$ 146,131.00
<u>Library Equipment Contract</u> (3 bids received 5-21-65)		
Remington Rand Corp. (Columbus)	\$ 17,541.00	\$ 21,611.00
<u>Science Equipment Contract</u> (6 bids received 5-21-65)		
Kewanee Technical Furniture Co. (Statesville, N. C.)		
	\$ 34,330.00	\$ 30,785.00
<u>Structural Steel Contract</u> (4 bids received 3-29-65)		
J. T. Edwards Co. (Columbus)	\$ 126,120.00	\$ 153,000.00
<u>Total All Contracts</u>	<u>\$1,734,576.00</u>	<u>\$1,686,685.00</u>

Funds for this project are provided in Item 018, S. B. 370.

C. Utility Extensions Northeast Corner of Campus - Power Line Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-21-65)		
Jess Howard Electric Co. (Columbus)	\$ 98,747.00	\$ 120,000.00

Funds for this project will be provided from Item 030, S. B. 370.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Pharmacy Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 5-20-65)		
Baker & Coombs of Ohio (Columbus)		
Base Bid	\$1,131,700.00	\$1,207,735.00
Alt. G-1 Additional Metal Partitions	1,800.00	1,500.00
Alt. G-2 Additional Resilient Flooring and Wall Painting	19,000.00	18,196.00
Alt. G-3 Add Greenhouse	28,000.00	25,420.00
Alt. G-4 Add Elevator No. 1	23,000.00	33,600.00
Alt. G-5 Add Ceramic Wall Tile in Lobby 102	4,500.00	3,750.00
Alt. G-6 Add Folding Partition in Room 523	2,200.00	3,720.00
Alt. G-7 Add Duranodic Finish on Aluminum Curtain Wall and Entrance	4,300.00	1,260.00
Total Contract	<u>\$1,214,500.00</u>	<u>\$1,295,181.00</u>
 <u>Plumbing Contract</u>		
(2 bids received 5-20-65)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 343,308.00	\$ 270,640.00
Alt. P-1 Plumbing for Laboratory Equipment	9,804.00	23,060.00
Alt. P-2 Plumbing for Greenhouse	3,023.00	4,200.00
Alt. P-3 Plumbing for Hot Water Boiler	1,967.00	3,000.00
Total Contract	<u>\$ 358,102.00</u>	<u>\$ 300,900.00</u>
 <u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 5-20-65)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 496,800.00	\$ 592,075.00
Alt. HV-1 Ventilating Work for Laboratory Equipment	5,500.00	4,500.00
Alt. HV-2 Ventilating Work for Greenhouse	8,200.00	4,000.00
Alt. HV-3 Add Hot Water Boiler	16,700.00	11,000.00
Total Contract	<u>\$ 527,200.00</u>	<u>\$ 611,575.00</u>

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Pharmacy Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(3 bids received 5-20-65)		
Paul Gilmore, Inc. (Columbus)		
Base Bid	\$ 390,323.00	\$ 406,400.00
Alt. E-1 Electrical Work for Laboratory Equipment	6,416.00	4,000.00
Alt. E-2 Electrical Work for Greenhouse	3,112.00	3,500.00
Alt. E-3 Electrical Work for Elevator	70.00	150.00
Alt. E-4 Electrical Work for Hot Water Boiler	154.00	200.00
Alt. E-5 Public Address System in Room 116	850.00	700.00
Alt. E-6 Public Address System in Room 229	902.00	700.00
Alt. E-7 Electrical Work for Teaching Communication	7,800.00	6,500.00
Total Contract	<u>\$ 409,627.00</u>	<u>\$ 422,150.00</u>
 <u>Laboratory Casework Contract</u>		
(3 bids received 5-20-65)		
Hamilton Manufacturing Co. (Twin Rivers, Wisconsin)		
Base Bid	\$ 261,190.00	\$ 325,000.00
Alt. LC-1 Additional Equipment	97,307.00	105,000.00
Total Contract	<u>\$ 358,497.00</u>	<u>\$ 430,000.00</u>
 <u>Total All Contracts</u>	 <u>\$2,867,926.00</u>	 <u>\$3,059,806.00</u>

Funds for this project will be provided from Item 014, S. B. 370, and a National Institutes of Health grant.

E. General Academic Facility, Mansfield Campus

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 5-25-65)		
Mosser Construction Co. (Fremont, Ohio)		
Base Bid	\$1,062,700.00	\$1,054,913.00
Alt. G-1 Composite Floor Combination	- 13,000.00	- 3,000.00
Alt. G-6 - 2 by 4 ft. Lay-in Ceiling in Lieu of 5 ft. Module Ceiling	- 27,000.00	- 11,000.00
Total Contract	<u>\$1,022,700.00</u>	<u>\$1,040,913.00</u>



June 10, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. General Academic Facility, Mansfield Campus (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(5 bids received 5-25-65)		
Charles Hoffman Co. (Mansfield)	\$ 93,696.00	\$ 152,473.00
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 5-25-65)		
Wilkes Company, Inc. (Mansfield)	\$ 279,060.00	\$ 309,280.00
<u>Electrical Contract</u>		
(1 bid received 5-25-65)		
Buchman Electrical Construction		
(Mansfield)		
Base Bid	\$ 206,856.00	\$ 191,347.00
Alt. E-2 Electrical Work for		
Movable Partitions	- 956.00	- 1,200.00
Total Contract	<u>\$ 205,900.00</u>	<u>\$ 190,147.00</u>
<u>Utilities Contract</u>		
(2 bids received 5-25-65)		
Charles Hoffman Co. (Mansfield)	\$ 22,000.00	\$ 30,000.00
<u>Science Laboratory Equipment Contract</u>		
(4 bids received 5-25-65)		
Kewanee Technical Equipment Co.		
(Statesville, N. C.)	\$ 48,440.00	\$ 55,400.00
<u>Library Equipment Contract</u>		
(4 bids received 5-25-65)		
The Miller Co. (Piqua, Ohio)	\$ 16,750.00	\$ 24,900.00
<u>Kitchen Equipment Contract</u>		
(4 bids received 5-25-65)		
Great Lakes Hotel Supply (Detroit)	\$ 13,995.00	\$ 13,000.00
<u>Auditorium Seating Contract</u>		
(2 bids received 5-25-65)		
Brunswick Corp. (Kalamazoo)	\$ 11,631.60	\$ 8,500.00
<u>Stage Equipment Contract</u>		
(2 bids received 5-25-65)		
Janson Industries (Canton, Ohio)	\$ 2,662.00	\$ 2,500.00
<u>Structural Steel Contract</u>		
(7 bids received 3-29-65)		
J. T. Edwards Co. (Columbus)	\$ 114,421.00	\$ 153,000.00
<u>Total All Contracts</u>	<u>\$1,831,255.60</u>	<u>\$1,980,113.00</u>

Funds for this project will be provided from Item 019, S. B. 370.

June 10, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. College of Commerce Improvements (Page and Hagerty Halls)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 5-19-65) Timmons, Butt & Head, Inc. (Columbus)		
Base Bid	\$ 144,944.00	\$ 153,953.00
Alt. G-5 Auditorium Seating (Hagerty)	1,000.00	10,500.00
Total Contract	<u>\$ 145,944.00</u>	<u>\$ 164,453.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u> (2 bids received 5-19-65) Wuellner & Theado, Inc. (Columbus)	\$ 103,460.00	\$ 126,125.00
<u>Plumbing Contract</u> (2 bids received 5-19-65) Wuellner & Theado, Inc. (Columbus)	\$ 2,370.00	\$ 1,250.00
<u>Electrical Contract</u> (1 bid received 5-19-65) Pence Electric Co. (Columbus)		
Base Bid	\$ 138,000.00	\$ 112,072.00
Alt. E-2 Additional New Lighting (Hagerty)	5,180.00	9,500.00
Total Contract	<u>\$ 143,180.00</u>	<u>\$ 121,572.00</u>
<u>Total All Contracts</u>	<u>\$ 394,954.00</u>	<u>\$ 413,400.00</u>

Funds for this project will be provided from Item 006, S. B. 370, and the Maintenance Account in H. B. 711.

G. Modernization of Orton Hall and Mendenhall Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 5-25-65) Waggenbrenner Construction Co. (Columbus)		
Base Bid	\$ 87,791.00	\$ 103,752.00
Alt. G-4 Add Elevator in Mendenhall Laboratory	27,949.00	38,911.00
Total Contract	<u>\$ 115,740.00</u>	<u>\$ 142,663.00</u>
<u>Plumbing Contract</u> (1 bid received 5-17-65) Bruner Corp. (Columbus)	\$ 12,890.00	\$ 11,750.00

June 10, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

G. Modernization of Orton Hall and Mendenhall Laboratory (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(1 bid received 5-17-65)		
Bruner Corp. (Columbus)	\$ 57,389.00	\$ 64,325.00
<u>Electric Contract</u>		
(2 bids received 5-17-65)		
Claggett Electric Co. (Columbus)		
Base Bid	\$ 69,975.00	\$ 90,962.00
Alt. E-3 Add Electric for Elevator	854.00	1,140.00
Total Contract	<u>\$ 70,829.00</u>	<u>\$ 92,102.00</u>
<u>Total All Contracts</u>	<u>\$ 256,848.00</u>	<u>\$ 310,840.00</u>

Funds will be provided from Item 021, S. B. 370, for this project.

H. Construction of Curl Drive (East of Peasley Street)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 5-28-65)		
N. J. LeCrone (Columbus)	\$ 51,173.21	\$ 62,591.00
<u>Electrical Contract</u>		
(3 bids received 5-28-65)		
Gustav-Hirsch Org., Inc. (Columbus)	9,740.00	12,300.00
Total Contracts	<u>\$ 60,913.21</u>	<u>\$ 74,891.00</u>

Funds for this project will be provided from Item 006, S. B. 370.

I. Garage, Paving

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 6-1-65)		
Tolliver & Curl Paving Contractors, Inc. (Columbus)		
Base Bid	\$ 12,182.00	\$ 19,935.00
Alt. P-1 Additional Macadam Paving	1,418.00	1,560.00
Alt. P-2 Stone Topping, Additional Area	301.00	400.00
Alt. P-3 Fence	1,980.00	1,605.00
Substitute Proposal - Heavier Gauge Fence	900.00	
Total Contract	<u>\$ 16,781.00</u>	<u>\$ 23,500.00</u>

Funds for this project will be provided from Budget Account 91040.

June 10, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

J. Engineering Classroom and Laboratory Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 6-1-65)		
Knowlton Construction Co. (Bellefontaine, Ohio)		
Base Bid	\$1,102,700.00	\$1,419,599.00
Alt. G-1 Site Improvement	+ 28,900.00	+ 30,000.00
Alt. G-2 Test Vehicle Laboratory	+ 9,700.00	+ 12,000.00
Alt. G-3 Auditorium Seating	+ 21,200.00	+ 37,500.00
Alt. G-4 Lecture Rooms Seating	+ 7,400.00	+ 12,500.00
Alt. G-6 Laboratory Equipment	+ 22,500.00	+ 42,500.00
Alt. G-7 Protective Coatings in Corridors	+ 4,100.00	+ 6,000.00
Alt. G-8 Carpeting in Auditorium	+ 3,450.00	+ 3,000.00
Alt. G-9 Limestone Trim on Auditorium	+ 10,600.00	+ 61,000.00
Total Contract	<u>\$1,210,550.00</u>	<u>\$1,624,099.00</u>
 <u>Plumbing Contract</u>		
(2 bids received 6-1-65)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 128,600.00	\$ 155,007.00
Alt. P-1 Test Vehicle Lab	+ 1,600.00	+ 1,500.00
Alt. P-2 Laboratory Equipment Connections	+ 2,200.00	+ 2,500.00
Total Contract	<u>\$ 132,400.00</u>	<u>\$ 159,007.00</u>
 <u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 6-1-65)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 495,000.00	\$ 752,151.00
Alt. HV-3 Test Vehicle Lab	+ 778.00	+ 2,500.00
Total Contract	<u>\$ 495,778.00</u>	<u>\$ 754,651.00</u>
 <u>Electrical Contract</u>		
(3 bids received 6-1-65)		
Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 266,488.00	\$ 246,943.00
Alt. E-1 Lighting Fixtures	- 900.00	
Alt. E-5 Switchgear	- 1,300.00	
Alt. E-10 Fire Alarm	- 250.00	
Alt. E-11 Test Vehicle Lab	+ 2,324.00	+ 2,000.00
Total Contract	<u>\$ 266,362.00</u>	<u>\$ 248,943.00</u>
<u>Total All Contracts</u>	<u>\$2,105,090.00</u>	<u>\$2,786,700.00</u>

Funds for this project will be provided from Item 007, S. B. 370.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

K. Chemistry Research Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 6-4-65)		
Robert Setterlin and Sons Co. (Columbus)		
Base Bid	\$ 393,400.00	\$ 475,345.00
Alt. G-1 Omit Asphalt Paving	- 1,000.00	- 1,400.00
Total Contract	<u>\$ 392,400.00</u>	<u>\$ 473,945.00</u>
 <u>Laboratory Equipment Contract</u>		
(2 bids received 6-4-65)		
Hamilton Manufacturing Co. (Two Rivers, Wisconsin)		
Base Bid	\$ 223,100.00	\$ 225,500.00
Alt. EQ-3 Omit Listed Items	- 80,227.00	- 73,577.00
Total Contract	<u>\$ 142,873.00</u>	<u>\$ 151,923.00</u>
 <u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 6-4-65)		
The Kuempel Co. (Columbus)		
Base Bid	\$ 303,970.00	\$ 310,533.00
Alt. HAC-3 Omit Ducts, Laboratory Equipment	- 380.00	- 1,515.00
Alt. HAC-5 Omit Steam, Laboratory Equipment	- 3,000.00	- 1,844.00
Total Contract	<u>\$ 300,590.00</u>	<u>\$ 307,174.00</u>
 <u>Electrical Contract</u>		
(4 bids received 6-4-65)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 134,679.00	\$ 143,843.00
Alt. E-3 Omit Electric Laboratory Equipment	- 3,503.00	- 3,353.00
Total Contract	<u>\$ 131,176.00</u>	<u>\$ 140,490.00</u>
 Plumbing Contract to be rebid		
<u>All Contracts Except Plumbing</u>	<u>\$ 967,039.00</u>	<u>\$ 1,073,532.00</u>

Funds for this project will be provided from Item 010, S. B. 370.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

L. Repairs and Improvements to Ohio Stadium Press Box

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 6-3-65)		
E. J. Will & Co. (Columbus)		
Base Bid	\$ 43,193.00	\$ 49,800.00
Alt. G-1 Resilient Flooring	2,990.00	4,200.00
Total Contract	<u>\$ 46,183.00</u>	<u>\$ 54,000.00</u>

Funds for this project will be provided from the Athletic Revenue Fund.

Upon motion of Mr. Davis, seconded by Mr. France, 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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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 160 Approves the release of \$68,410.00 from Item 011 Electronics Laboratories, Plans, S. B. 370, so that final plans and estimates of cost can be completed.
- 161 Approves the release of \$58,992.00 from Item 012 Systems Engineering, Plans, S. B. 370, so that final plans and estimates of cost can be completed.
- 165 Approves the construction of a small addition to the Infectious Diseases area located at the Research Center without competitive bidding through Force Account processes at a total cost of not to exceed \$5,000.00 with funds provided from Budget Account 21849.
- 166 Approves the expenditure of \$19,500.00 from Item 200, Maintenance, H. B. 711, to provide funds for the Revision of Acid Waste System in Evans Chemistry Laboratory.
- 168 Approves the award of contracts for the General Division and the Plumbing Division for the project "Materials Engineering and Science Building" without further competitive bidding.

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June 10, 1965 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Architect for Medical Center Projects

It is recommended that the architectural firm of Dan A. Carmichael be employed to provide services for the following projects in the Medical Center:

1. Hospital Complex. Preliminary plans only.

Lump Sum Fee: \$138,025.00

Funds to be provided from Item 016, S. B. 370.

2. Wiseman Hall Addition. Complete architectural and engineering services including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

Fee: 5 1/2 per cent of construction cost or an estimated fee of \$68,750.00.

Funds to be provided from Item 016, S. B. 370.

3. College of Medicine, Coordination of Total Program. Services as coordinating architect as outlined in the "Program of Requirements for the College of Medicine Plans," dated July 20, 1964, to include a master site plan; and written programs, schematic drawings of new buildings in the proposed overall Medical Center expansion involving Federal Aid.

Fee: Based on a fee of \$18.00 per day with a maximum fee of \$50,000.00.

Funds to be provided from Item 016, S. B. 370.

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

B. Employment of Architects and Engineers, School of Nursing

It is recommended that the architectural and engineering firm of Richards, Bauer & Moorhead be employed to provide complete preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction for the School of Nursing.

The fee for this service will be 5 1/2 per cent of the cost of construction, or an estimated \$103,125.00 and will be funded from Item 016, S. B. 370.

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

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

- C. Purchase of Property - Lots Nos. 36, 37, 39, 41, 42, 43, 233, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, and 252 of the R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio

WHEREAS, The Ohio State University has acquired certain parcels of real property located north of Woodruff Avenue and to this extent has extended its northerly boundary north of Woodruff Avenue; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of dormitory, educational, research, and service facilities, will be required to acquire most, if not all, of the land lying between Woodruff Avenue on the south, Tuttle Park Place on the west, Lane Avenue on the north and High Street on the east; and

WHEREAS, the University has a general development plan for the area which has been approved and in which sites for the North Dormitory Project Buildings have been established; and

WHEREAS, Section 3345.07 of the Ohio Revised Code provides for the construction and operation of dormitories for students and faculty, including acquisition of sites, by the Board of Trustees of The Ohio State University; and

WHEREAS, the Trustees of The Ohio State University deem that suitable new dormitory facilities are 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; and

WHEREAS, said Board of Trustees acting through the Office of Business and Finance of the University has been negotiating for the purchase of said real estate hereinafter set forth;

NOW BE IT RESOLVED, that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following described real estate from Account No. 86291 or other authorized sources of funds designated for this purpose and, in the event negotiation should fail, that pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees be requested to take steps to acquire by condemnation, for the State of Ohio and said University, those parcels of the real estate not acquired through negotiation.

1. Lots Nos. 36 and 37, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 148-150 West Woodruff Avenue. Owner of record is Millicent L. Kepke.
2. Lot No. 39, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 156 West Woodruff Avenue. Owners of record are Robert and Grace Fisher.
3. Lot No. 41, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 166 West Woodruff Avenue. Owner of record is Mildred Graham.



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

C. Purchase of Property - Lots Nos. 36, 37, 39, 41, 42, 43, 233, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, and 252 of the R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio (continued)

4. Lot No. 42, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 170 West Woodruff Avenue. Owner of record is John C. Sheppard.
5. Lot No. 43, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 174 West Woodruff Avenue. Owner of record is Helen S. Legg.
6. Lots Nos. 250, 251, and 252, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2135-2137-2139-2141-2143-2145-2147-2149-2151-2153-2155-2157 Peasley Street. Owner of record is Leo Yassenoff.
7. Being the East 15' of Lot No. 248 and all of Lot No. 249, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 115 West Lane Avenue. Owner of record is John W. Poling, et al (3).
8. Being the West 15' of Lot No. 248 and all of Lot No. 247, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 121 West Lane Avenue. Owners of record are Karl and Frances Rotering.
9. Being the East 15' of Lot No. 245 and Lot No. 246, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 127 West Lane Avenue. Owner of record is Emerson C. Wollam.
10. Being the West 15' of Lot No. 245 and all of Lot No. 244, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 133 West Lane Avenue. Owners of record are George C. and Alice S. Bobb.
11. Lot No. 243, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 137 West Lane Avenue. Owner of record is Lester J. McGuigon.
12. Lot No. 242, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 139 West Lane Avenue. Owner of record is Mary R. Richards, Trustee.
13. Lot No. 233, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 175 West Lane Avenue. Owner of record is Anna Kunz.

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

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

D. Demolition of the Veterinary Clinic Building  
and the Utility Storage Building

Upon the request of the Vice President for Business and Finance, it is recommended that the Veterinary Clinic Building, 1981 Neil Avenue, and the Utility Storage Building, 2017 Neil Avenue, be demolished as soon as practical to clear the site for the new Systems Engineering Building and the Electronics Building.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Business and Finance.

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

E. Purchase of Buildings and Property, 2149-2151 Neil Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Arthur R. King and Bessie M. King at a price of \$16,500.00:

Property known as 2149-2151 Neil Avenue, being a 32' x 80' tract off the north part of Lots Nos. 190, 191, and 192, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Budget Account 86287 for this purpose.

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

F. Purchase of Buildings and Property, 2145-2147 Neil Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Arthur R. King and Bessie M. King at a price of \$12,000.00:

Property known as 2145-2147 Neil Avenue, being a 32' x 80' tract off the northeast part of Lots Nos. 190, 191, and 192, R. P. Woodruff's Agricultural College Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in Budget Account 86287 for this purpose.

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

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XI. REPORTS

A. Reports from the President

1. Report on Action Taken by the Ohio Board of Regents at Its Meeting on May 21, 1965, on the Request Submitted by The Ohio State University

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on May 21, 1965, approved two new degrees--Doctor of Philosophy in Nuclear Engineering and Master of Science in Nuclear Engineering--to be granted by The Ohio State University. The Board of Trustees at its May 13, 1965 meeting authorized the granting of the above degrees, subject to the approval of the Board of Regents.

2. Report on Conveyance of Land to The Ohio State University for the Lima Campus

On June 8, 1965, The Metropolitan Bank of Lima, Ohio, as agent for various donors conveyed 564.92 acres, more or less, by deed of gift to the State of Ohio (The Ohio State University). Title to the land, which is located in Section 35 and Harding Heights Addition, Bath Township, Allen County, Ohio, was examined and approved by the Attorney General of Ohio. This land will provide the site for the Lima Campus of The Ohio State University.

3. Report on Conveyance of Land to The Ohio State University for the Mansfield Campus

On May 21, 1965, the Richland County Foundation, for various donors, conveyed 512.091 acres, more or less, by deed of gift to the State of Ohio (The Ohio State University). Title to the land, which is located in Springfield and Madison Township, Richland County, Ohio, is being examined by the Attorney General of Ohio. This land will provide the site for the Mansfield Campus of The Ohio State University. The Board previously received a gift of 40.97 acres from Richard R. and Carl H. Stander which results in a total site of 553.061 acres.

By unanimous consent the Secretary was instructed to include the above reports in the minutes of this meeting.

B. Reports from the Finance and Investment Committee

1. Easement for Kokosing River Flood Protection - City of Mount Vernon

Mr. Jones, a member of the Finance and Investment Committee, presented the following recommendation:

The City of Mount Vernon has requested an easement to permit channel clearing activities in the Kokosing River for flood protection of the City of Mount Vernon. The easement would include a portion of the Kokosing River channel and bank which is held by the Board of Trustees of The Ohio State University by deed recorded in Volume 259, page 92, of the deed records of Knox County, Ohio.

XI. REPORTS (continued)

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

1. Easement for Kokosing River Flood Protection - City of Mount Vernon  
(continued)

It is recommended that on behalf of the Board of Trustees, the Vice President for Business and Finance be authorized to execute an easement to the City of Mount Vernon and Knox County granting the right to maintain flood control activities on the above-described property.

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

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated May 31, 1965, 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 from the Subcommittee of the Board of Trustees  
Concerning the Continuation of University School

Mr. Bricker presented the following statement and recommendation pertaining to the phasing out of the upper six grades of University School.

You will recall that Mr. Allyn and I were appointed by Chairman Rairdon on April 8, 1965, to hear an expression of views concerning the proposed phasing out of the upper six grades of the University School from members of the Parents Council of the University School. On Monday, May 10, 1965, a hearing was held for this purpose. Your committee heard excellent presentations from four individuals who opposed this phasing-out program and also heard from Dean Cottrell and Professor Edgar Dale who spoke in support of the plan. A great amount of written material was also presented at the hearing for our further study.

The members of your subcommittee have now had an opportunity to review the matters presented to us and some additional matters which were mailed by Professor Paul Klohr on May 25, 1965. We are convinced that the plan to phase out the upper six grades of the University School is a plan about which honest differences of professional opinion can and do exist. The College of Education is attempting to improve its total program in professional education, and one aspect of this improvement is to strengthen relationships with public schools throughout Ohio. We can find no evidence which would indicate that the phasing out of the upper six grades of the University School would interfere with these improvement plans; and, to the contrary, we are convinced that the proposals set forth by Dean Cottrell deserve to be followed. Accordingly, while we honor both the personal integrity and the professional competence of those who may oppose these proposals, we find no basis for any interference by this Board of Trustees with the administrative prerogatives of the Dean of the College of Education.

XI. REPORTS (continued)

C. Report from the Subcommittee of the Board of Trustees  
Concerning the Continuation of University School (continued)

It would be our recommendation that the Board express appreciation to all those who have given this matter such careful study and express further the hope that all of those interested in the improvement of our College of Education now work together to insure that the proposals set forth by the Dean be conducted with enthusiasm and with a high degree of professional commitment and competence.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the above report was accepted and the recommendation approved by unanimous roll call vote.

Mr. Loop, Chairman of the Board, expressed deep appreciation on behalf of the Board to the members of the subcommittee, Messrs. Bricker and Allyn, for the time and effort given in preparing the report and in examining the data submitted to them.

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XII. PRESENTATION OF PRESIDENT FAWCETT'S PORTRAIT

Mr. Loop, Chairman of the Board of Trustees, stated that some three weeks ago Mr. Richard Fisher, Chairman of the 1965 Senior Class, requested permission to appear with some of his classmates at this meeting of the Board to officially present on behalf of the 1965 graduating class a memorial gift. Mr. Loop then introduced Mr. Fisher and Mr. Eugene Elleman, Chairman of the 1965 Senior Class Memorial Committee.

Mr. Elleman, speaking for the 1965 Senior Class, formally presented to the University through its Board of Trustees an oil portrait of President Novice G. Fawcett which had been painted by Mr. David Philip Wilson.

Mr. Loop then introduced Mr. and Mrs. David Wilson of Chagrin Falls, Ohio.

Mr. Davis moved that the generous and thoughtful gift of the portrait of Novice G. Fawcett as presented by the Class of 1965 be gratefully accepted and that Mr. Elleman be commended highly for the excellent presentation, and further that Mr. Elleman's statement be spread upon the minutes of this meeting. Mr. France seconded the motion and it was passed unanimously.

Mr. Elleman's statement was as follows:

First, I would like to thank you for extending to the Senior Class Committee a personal invitation to attend this meeting. We are all grateful for this opportunity.

As you may know, it is traditional for the Senior Class to present a memorial gift to the University. Likewise, you may know that the Class of 1965 has chosen as its memorial gift a portrait of President Fawcett. This portrait is the work of Mr. David Philip Wilson of Chagrin Falls, Ohio. Mr. Wilson was selected by the committee on

June 10, 1965 meeting, Board of Trustees

XII. PRESENTATION OF PRESIDENT FAWCETT'S PORTRAIT (continued)

the basis of his outstanding portraits of President Lyndon B. Johnson, Colonel John Glenn, Deans of The Ohio State University College of Law, and several other outstanding works.

I would like to give you a brief background as to why we chose this particular project. There seems to be no other word but "amazing" to describe the number of students on this campus who know President Fawcett personally, who recognize his contributions to Ohio State, and who appreciate the added "personal touch" he has given to their lives. His sincere interest in so many of our student organizations and activities is typical of his whole-hearted dedication to Ohio State and to the education process.

The strong support which this project has received from members of the Senior Class is indicated by the fact that student donations have exceeded those for any other recent Senior Class Memorial Gift. In this way, the members of the Class of 1965 have attempted to express their deep appreciation to President Fawcett.

Now, in behalf of the Class of 1965, I present to The Ohio State University, through its Board of Trustees, this portrait of President Novice G. Fawcett.

President Fawcett in a very warm and gracious manner expressed his deep appreciation to the representatives of the Class of 1965 for the memorabilia. He also expressed words of sincere gratitude to the artist, Mr. Wilson.

Mr. Loop advised that the portrait would be exhibited at the reception for the graduates, their families, and friends, to be held in the Ohio Union following Commencement on Friday, June 11, 1965.

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Thereupon the Board adjourned to meet Thursday, July 8, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

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APPENDIX VIII

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 11, 1965



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## RECIPIENTS OF HONORS

GEORGE E. MUELLER

DOCTOR OF SCIENCE

*Modern explorer, brilliant engineer, inspiring teacher,  
and leader of men*

Dr. George E. Mueller, Deputy Associate Administrator for Manned Space Flight in the National Aeronautics and Space Administration, has always dreamed of man's escape from earth, in particular the extension of our senses through electronics and communication systems. Today he is directly responsible for the three-hundred-thousand-man effort being brought to bear on man's flight from earth to the moon.

As scientist and engineer, he has an international reputation in high frequency sources, in space communication techniques and in the launch, control and guidance of satellites.

Following graduation from Missouri School of Mines as an electrical engineer in 1939, he took the master's degree in electrical engineering at Purdue in 1940. From 1940 to 1946 at the Bell Telephone Laboratories, he was pushing back the barrier of higher and higher frequencies which were needed to increase the capacity of communication systems.

In 1946 he came to Ohio State to assist in the establishment of a laboratory in this area of high frequency sources. He meanwhile found time to teach, to collaborate with the medical department in the field of radio-active tracer medicines, and to pursue the Ph.D. in physics.

In the Electrical Engineering Department he is best remembered by colleagues and students for his inspirational characteristics. For example, fifteen years ago his course in communications included problems involving moon communications.

From 1956 to 1963 in the Space Technology Laboratories of Thompson Ramo Woolridge, he rose to Vice President of Research and Development. Here his success in managing large systems such as Minuteman, Titan, and Atlas inevitably drew the attention of National Aeronautics and Space Administration.

At NASA his technical competency is thoroughly recognized and highly respected, but many consider his quiet but effective leadership in management reorganization to be of even greater significance. As the world and man's interactions continue to grow in scope and complexity, Dr. Mueller's major contribution to our time may well be regarded eventually as his consummate skill in coordinating successfully unique engineering efforts of extremely great magnitude.

## ELLIOTT NUGENT

### DOCTOR OF LETTERS

*Outstanding playwright, director, producer, and actor whose talents have contributed uniquely and significantly to the fields of the dramatic arts*

The brilliant career of Elliott Nugent has spanned all of the fields of the theater. As producer, director, actor, playwright, and screen writer, his talents have combined over a period of more than forty years to add new luster to the values and joys of the dramatic arts.

A native of Dover, Ohio, Mr. Nugent began his professional career in the theater immediately after his graduation from Ohio State in 1919. While on the campus as a student, he was active in several University organizations including Strollers which he served as president during his senior year. After achieving almost immediate success as an actor, he wrote his first play, *Kempy*, in 1922 with his father as co-author. In 1929, he joined the motion picture industry in Hollywood as actor, writer, and director. During his prolific years in Hollywood, he was associated with all of the major studios and directed the performance of many of the world's best-known and highly regarded actors. His relentless insistence upon excellence in all that he undertook contributed substantially to the growth and refinement of the art of motion-picture making in this early period.

Continuing the fulfillment of all his theater talents, he collaborated with James Thurber in 1939, to create *The Male Animal*. Mr. Nugent received high praise for his skillful playing of the leading role in this work which has evolved to become one of the best and most meaningful plays of our time. His list of honors was increased when in 1943, he received the New York Drama Critics Award for the best male acting performance of the year in *The Voice of the Turtle*. In the same year he directed *Tomorrow the World*.

Within the past ten years, Elliott Nugent has directed one play, co-produced another, acted in a dozen television plays, and written a novel—all with impeccable taste which has earned the highest admiration both from his fellow associates and from the American public. In all of the areas of his participation in the theatrical arts, Mr. Nugent's standards of performance have been constantly high, reflecting great credit upon him personally and adding significantly to the cherished role of the legitimate theater in our way of life.

## THOMAS F. PATTON

### DOCTOR OF LAWS

*Exemplar of leadership in enlightened free enterprise, who has  
reached eminence in the fields of law, industry,  
and public service*

Thomas F. Patton is chief executive officer and chairman of the board of the Republic Steel Corporation. His distinguished career as a legal and business executive followed his graduation from The Ohio State University in 1926 when as a member of the law firm of Belden, Young, and Veach, he assisted in the creation of the merger of the companies which now constitute the Republic Steel Corporation. He became the corporation's general counsel in 1936 and has remained with it in various executive posts since that time. He is called upon frequently for counsel and guidance as a representative of a major segment of American industry and consequently has contributed greatly to the basic strength of this Nation.

Any measure of the vast nature of his contributions generally to all of higher education in Ohio and more specifically to The Ohio State University is inadequate. He has served with high honor and special effectiveness as president of the Ohio State University Association, as a member of its board of directors, as a member of the President's Alumni Advisory Board, as a member of the Board of Trustees of The Ohio State University, and as chairman of that body. In 1961, he received the University's Alumni Citizenship Award. His vigorous and skillful effort as chairman of Citizens for Ohio's Future in 1963 was a major influence in making known to the electorate of our State the importance of approving a bond issue bearing heavily upon the promise of higher education in Ohio.

The fidelity with which he has regarded his role as citizen is borne out by a long list of civic responsibilities and achievements. He has served as a member of the business advisory council to the United States Department of Commerce, as an officer and trustee of the Cleveland United Appeals, as a trustee and past president of the Cleveland Development Foundation, as a trustee of the Cuyahoga County Tuberculosis Hospital, and as an officer and trustee of the Cleveland Chamber of Commerce.

Thomas F. Patton is now at the height of a brilliant career in business, embellished by an extended series of significant contributions to the civic life of his State and Nation. It is logical to assume that in the ensuing years, our country's growth will continue to benefit from the broad vision, dynamic leadership, profound understanding, and unswerving devotion to fellowman that Thomas F. Patton has demonstrated so ably in the past.

## JOSEPH JOHN SPENGLER

DOCTOR OF HUMANE LETTERS

*Eminent scholar, teacher, author, and humanitarian whose leadership in the social sciences has influenced the world*

Joseph John Spengler, James B. Duke Professor of Economics at Duke University, has contributed to the betterment of humanity as a teacher, research scholar, author, and as an advisor to federal and state governments and international organizations. In an age of intense specialization, he has had the capacity and the concern to make highly respected contributions to the advancement of knowledge across a wide range of disciplines. He is internationally respected for work in economics, sociology, demography, and philosophy. He is a social scientist in the broadest sense; and all of the social sciences are deeply indebted to him for his versatility, his verve, his ability, and his courage in attacking the difficult problems of scholarship and public policy that have been important during his career.

He is a rare individual, able to handle the highly technical problems of quantitative economics and demography and at the same time to comprehend the sweep of history and probe into the philosophical problems of human values. His influence is great upon his legion of students, his profession, and society. He is known and respected throughout the world for his erudition, analytical acumen, perspective, and empirical research of the highest quality.

Throughout his career he has devoted his ability and energy to the dual task of advancing science and improving the lot of mankind.

For his contributions to science he has been recognized by the Population Association of America, the American Association for the Advancement of Science, the Economic History Association, the Southern Economic Association, and the Social Science Research Council, all of which he has served as a national officer. He presently is president of the American Economic Association, the highest honor his profession can bestow. Because of his concern with practical problems he has served his own Nation, India, Sweden, Japan, and the United Nations as an advisor. He also has visited Europe, Asia, and Africa as a consultant on problems of population and economic growth and development.

Professor Spengler stands at the apex of a career unprecedented in its breadth of interdisciplinary perspective. Whether one considers the problems of world population explosion, emerging nations, or our own South, his work is a foundation on which solutions will be built. A native son, recipient of three degrees from The Ohio State University, he brings great honor to the State and the University.

## HAYWARD A. GAY

BENJAMIN G. LAMME AWARD

*Industrial leader and creative engineer whose dedication to his profession has inspired all who have known him*

Hayward A. Gay, president of Pratt and Whitney, Inc., received his bachelor of mechanical engineering degree from The Ohio State University in 1930. His outstanding record of accomplishment while a student at the University portended clearly the notable success he was to achieve later in his chosen profession.

After completing the master of business administration degree at Harvard University, he joined the Cincinnati Milling Machine Company where for 32 years his highly productive efforts continued to be matched with increased responsibility and promotion in rank. In 1962, he was appointed vice president in charge of five corporate divisions with an additional challenge to establish further diversification in non-machine tool areas.

In April of 1964, Mr. Gay's unusual ability as a competent industrial leader and creative engineer led to his appointment as president of Pratt and Whitney, Inc.

Hayward Gay's relationship to Ohio State has always been a close one. While a student, he was the recipient of the Outstanding Senior Engineering Award and, in 1955, was selected by the student members of Texnikoi, the engineering activities honorary, to receive the Texnikoi Outstanding Alumnus Award. He is a valued member of the Committee of 100 for Engineering. Today, Hayward A. Gay returns once again to his alma mater, this time to receive the coveted Lamme Medal for "meritorious achievement in engineering or technical arts."

# GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

## Doctor of Philosophy

- Larry Lincoln Abels, A.B. (Knox College); M.Sc.....Polo, Ill.  
*Dissertation: Widths and Strengths of Vibration-Rotation Lines in the  
Fundamental Band of Nitric Oxide*  
*Field of Specialization: Physics*
- Lynford Lenhart Ames, B.S. (Muskingum College).....Fresno  
*Dissertation: The Dissociation Energies of the Gaseous Rare-Earth  
Monoxides*  
*Field of Specialization: Chemistry*
- Matthias Aroef, B.S. (Bandung Institute of Technology); M.S. (Cornell  
University).....Bandung, Indonesia  
*Dissertation: An Analysis of the Factors Determining the Productivity  
of the Industrial Manpower in Indonesia*  
*Field of Specialization: Industrial Engineering*
- Nobuhisa Baba, M.D. (University of Tokyo); M.Sc.  
Shinagawa, Tokyo, Japan  
*Dissertation: Experimental Carcinoma of the Endometrium*  
*Field of Specialization: Pathology*
- Paul Lauren Bachman, B.S. (Case Institute of Technology)  
Cleveland Heights  
*Dissertation: Part I. Studies on the Synthesis of Tetracyclic Diterpenes  
Part II. Some Phenolic Plant Constituents*  
*Field of Specialization: Chemistry*
- Praphulla Kumar Bajpai, B.V.Sc. and A.H., M.V.Sc. (Agra University);  
M.Sc.....Allahabad, U. P., India  
*Dissertation: Some Physiological and Immunological Factors Affecting  
the Fertilizing Capacity of Turkey Spermatozoa*  
*Field of Specialization: Poultry Science*
- Baxish Singh Balam, B.Sc. (Ag.), M.Sc. (Ag.) (Punjab University)  
Ludhiana, India  
*Dissertation: Plant Availability and Chemical Reactions of Phosphates  
as Affected by the Calcium Status of Soils and the Degree  
of Acidulation of Rock Phosphate*  
*Field of Specialization: Agronomy*
- Anthony Lane Benson, B.Sc.....Akron  
*Dissertation: The Devonian System in Western Wyoming and Adjacent  
Areas*  
*Field of Specialization: Geology*
- Lucille Berman Berkowitz, B.A., M.A.....Columbus  
*Dissertation: Index Arnobianus*  
*Field of Specialization: Classical Languages (Latin)*
- Robert Paul Beynon, B.A., M.S. in Ed. (Westminster College)  
New Castle, Pa.  
*Dissertation: Role Theory: Its Implications for School Administration*  
*Field of Specialization: Education*
- Roger Eugene Bilstein, B.A. (Doane College); M.A.....Hyannis, Nebr.  
*Dissertation: Prelude to the Air Age: Civil Aviation in the United  
States, 1919-1929*  
*Field of Specialization: History*

- William Bock, B.S. (Springfield College, Massachusetts); M.S. (University of Illinois) . . . . . Washington, D. C.  
*Dissertation: The Effects of Dehydration upon the Cardio-respiratory Endurance of Wrestlers*  
*Field of Specialization: Physical Education (Health Education)*
- Virol Boonyasombut, B.Sc. (Chulalongkorn University); M.Sc. Bangkok, Thailand  
*Dissertation: Error Estimates for Certain Probability Limit Theorems with Application to Stable Limit Distributions*  
*Field of Specialization: Mathematics*
- Virginia Ann Bridges, B.M.Ed. (Westminster College, Pennsylvania); M.A. Akron  
*Dissertation: An Exploratory Study of the Harmonic Discrimination Ability of Children in Kindergarten Through Grade Three in Two Selected Schools*  
*Field of Specialization: Education*
- George Randall Brubaker II, A.B. (Columbia University); M.Sc. Flushing, N. Y.  
*Dissertation: Tetragonal and Rhombic Complexes of Nickel (II)*  
*Field of Specialization: Chemistry*
- Charles Chabert Capen, D.V.M. (Washington State University); M.Sc. Yelm, Wash.  
*Dissertation: The Functional Pathology of the Parathyroid Glands of Cows with Experimental Hypervitaminosis D*  
*Field of Specialization: Veterinary Pathology*
- George Joseph Cardinale, B.S. (Fordham University) . . . . . New York, N. Y.  
*Dissertation: Studies on the Mechanism of Action of Proline Racemase*  
*Field of Specialization: Chemistry*
- Charles Robert Carroll, B.S. (University of Dayton); B.Sc. in Edu., M.A. Xenia  
*Dissertation: Application of the Taxonomy of Educational Objectives to Alcohol Education*  
*Field of Specialization: Physical Education (Health Education)*
- Everett Felix Cataldo, B.S. (College of the Holy Cross); M.A. (Boston College) . . . . . Franklin, Mass.  
*Dissertation: The House Committee on Ways and Means*  
*Field of Specialization: Political Science*
- Mary Ann Cisar, B.A., M.A. . . . . Caldwell  
*Dissertation: Patterns of West German Development Aid Policy*  
*Field of Specialization: Political Science*
- Arthur John Compton, B.Sc. in Bus.Adm., M.A. . . . . Columbus  
*Dissertation: A Study of the Aural Perception of Sentences of Different Syntactic Structures and Lengths*  
*Field of Specialization: Speech*
- Edward Robert Corino, B.S. in Ch.E. (Newark College of Engineering); M.Sc. . . . . Belleville, N. J.  
*Dissertation: A Visual Investigation of the Wall Region in Turbulent Flow*  
*Field of Specialization: Chemical Engineering*
- Norman Kester Cornish, B.S. (Kent State University); M.Ed. (Ohio University) . . . . . Canton  
*Dissertation: The Issue of College Mathematics in General Education*  
*Field of Specialization: Education*
- Constantinos Ioannis Courduvelis, B.S. (University of Athens); M.S. (University of Detroit) . . . . . Nema Korinthia, Greece  
*Dissertation: Esterification of Substituted o-Benzoylbenzoic Acids*  
*Field of Specialization: Chemistry*



- Carl Merrill Danson, B.A., M.A. . . . . New York, N. Y.  
*Dissertation: The Progressive Effects of Satiation on Simple and Complex Operant Response Sequences*  
*Field of Specialization: Psychology*
- Joseph Killworth Davidson, B.M.E., M.Sc. . . . . Columbus  
*Dissertation: An Analytical Investigation of Stress Waves in Power-Transmission Chains*  
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- Carolyn Sue Hinson, B.S. (Wilmington College).....Dover  
*Field of Specialization: Psychology*
- Lorena Mae Holshoy, B.F.A.....North Canton  
*Field of Specialization: Art*
- Elizabeth Ann Hostetler, B.A. (Goshen College).....Orrville  
*Field of Specialization: Education*
- Raleigh Jackson, B.S. (Southern University).....Dayton  
*Field of Specialization: Education*
- Kenneth Allen Jacobus, A.B. (Albion College).....Plymouth, Mich.  
*Field of Specialization: Psychology*
- Dolores Sharbaugh Jankosky, B.A. (Seton Hill College).....Columbus  
*Field of Specialization: Education*
- James Lowell Jolliff, B.A.....Canton  
*Field of Specialization: Psychology*
- Lawrence Frederick Kagels, B.A. (Emmanuel Missionary College)  
Columbus  
*Field of Specialization: Speech*

- Karol Anne Kahrs, B.S.Ed. (University of Georgia) . . . . . Atlanta, Ga.  
*Field of Specialization: Physical Education*
- Anita Dolgin Katz, A.B. (University of Michigan) . . . . . Fairbury, Ill.  
*Field of Specialization: English*
- Mary Leech Kennedy, A.B. (Denison University) . . . . . Newark  
*Field of Specialization: Speech*
- Thomas George Kovacs, B.F.A. . . . . Lakewood  
*Field of Specialization: Art*
- Louise Pankratz Kreider, A.B. (Bluffton College) . . . Mountain Lake, Minn.  
*Field of Specialization: Sociology*
- Adolph Hendrik Kryger, B.A. (Montana State University) Missoula, Mont.  
*Field of Specialization: Geography*
- Stephen Geoffrey Landesman, A.B. (Miami University) . . Cleveland Heights  
*Field of Specialization: Classical Languages (Latin)*
- James Ward Linnell, B.A. (Bates College) . . . . . Auburn, Me.  
*Field of Specialization: Speech*
- James Frederick Loucks II, B.A. (Yale University) . . . . . Cleveland  
*Field of Specialization: English*
- Alan Stuart Lowenthal, B.A. (Hobart College) . . . . . Massapequa, N. Y.  
*Field of Specialization: Psychology*
- R. Roger Majak, B.S. (Northwestern University) . . . . . Lansing, Ill.  
*Field of Specialization: Political Science*
- Carol Lynn Maley, B.A. . . . . Leavittsburg  
*Field of Specialization: Psychology*
- Dianne George Maresca, B.A. . . . . Bergholz  
*Field of Specialization: English*
- Edward William Matthews, B.Sc. in Edu. . . . . Marion  
*Field of Specialization: Psychology*
- Robert Carnahan McGiffert, A.B. (Princeton University) . . . . . Columbus  
*Field of Specialization: Journalism*
- David John McGonagle, B.A. (Xavier University) . . . . . Bluefield, W. Va.  
*Field of Specialization: Classical Languages (Latin)*
- Grant Fletcher McKernie, B.A. (Northwestern University) . . . . . Rock Island, Ill.  
*Field of Specialization: Political Science*
- Janet Elizabeth Mechem, B.A. (Muskingum College) . . . . . Bethesda  
*Field of Specialization: Romance Languages (French)*
- Mary Ann Miller, B.A. (Chestnut Hill College) . . . . . Philadelphia, Pa.  
*Field of Specialization: Psychology*
- Stuart Jerome Miller, B.Sc. in Agr. . . . . Westerville  
*Field of Specialization: Sociology*
- Joyce Luketz Morral, B.A. . . . . Columbus  
*Field of Specialization: English*
- Roland Frederick Moy, B.S. (Wisconsin State College, Eau Claire) . . . . . Eau Claire, Wis.  
*Field of Specialization: Political Science*
- Kathleen Marjory Murphy, B.Sc. in Edu. . . . . Springfield  
*Field of Specialization: Education*

- Thomas Murry, B.S. in Edu. (Pennsylvania State College, Indiana) Butler, Pa.  
*Field of Specialization: Speech*
- Robert Browne Nelson, B.Sc. in Bus.Adm.....Columbus  
*Field of Specialization: Political Science*
- Norton Norman Newborn, A.B. (Western Reserve University) ...Cleveland  
*Field of Specialization: History*
- Richard Earl Norman, B.S.C., B.S.Ed. (Ohio University) .....Dayton  
*Field of Specialization: Education*
- Joseph Paul Nyitray, A.B. (Cornell University) ..Hastings on Hudson, N. Y.  
*Field of Specialization: Political Science*
- Shirley Anne Olsen, B.F.A.....Springfield  
*Field of Specialization: Art*
- Ann Linda Overtree, B.A., B.Sc. in Edu..... Cincinnati  
*Field of Specialization: English*
- James Donald Pence, B.A..... Hillsboro  
*Field of Specialization: Romance Languages (Spanish)*
- Kathryn Zimmerman Petersen, B.S. in Edu. (Kent State University) Amlin  
*Field of Specialization: Education*
- William Dallas Pierce, B.S. (University of Pittsburgh) .....Columbus  
*Field of Specialization: Psychology*
- Joseph Thornton Plummer, Jr., B.A. (Westminster College) Lewistown, Pa.  
*Field of Specialization: Speech*
- Lydia Weiss Pollack, A.B. (Hunter College) .....Columbus  
*Field of Specialization: Education*
- Peggy Ann Polley, B.S.Ed. (Ohio University) ..... Sciotoville  
*Field of Specialization: Education*
- Judith Caroline Pool, B.A. (Northwestern University) .....Piqua  
*Field of Specialization: History*
- Robert LeRoy Potts, B.S. in Ed. (Kent State University) .....Bladensburg  
*Field of Specialization: Education*
- Allen Albert Prebus, B.A.....Columbus  
*Field of Specialization: Romance Languages (French)*
- Joyce Ann Reitzel, B.Sc. in H.E.....Pemberville  
*Field of Specialization: Speech*
- John Phillips Resch, A.B. (Denison University) .....Youngstown  
*Field of Specialization: History*
- Peggy Ann Richardson, B.S. (Womens College of University of North Carolina) .....Zebulon, N. C.  
*Field of Specialization: Physical Education*
- Barbara Hill Rigney, B.A.....Columbus  
*Field of Specialization: English*
- Shirley Spackman Ritcheson, B.A. (Mills College, California) ....Columbus  
*Field of Specialization: Physical Education*
- Elmo Eugene Roach, A.B. (University of Dayton) .....Dayton  
*Field of Specialization: History*

- Marsha Ann Rockey, A.B. (Antioch College) . . . . . Poland  
*Field of Specialization: Art*
- Paula Theresa Rolfes, B.A. (Nebraska State Teachers College, Wayne)  
 Akron  
*Field of Specialization: Education*
- William Edward Ruth, B.Sc. in Agr. . . . . Bucyrus  
*Field of Specialization: Agricultural Education*
- David Lee Sansbury, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Psychology*
- Earl Russell Schaeffer, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Sociology*
- Christopher Don Scheiderer, B.A. . . . . Columbus  
*Field of Specialization: Romance Languages (Spanish)*
- Richard James Schrader, B.A. (University of Notre Dame) . . . . . Canton  
*Field of Specialization: English*
- Lucy Tandy Seall, B.A. . . . . Wilberforce  
*Field of Specialization: Sociology (Anthropology)*
- John Michael Showalter, B.A. . . . . Lancaster  
*Field of Specialization: Psychology*
- Anita Wilson Smith, B.S. in Edu. (Capital University) . . . . . Columbus  
*Field of Specialization: Education*
- Marion Joseph Sobczynski, B.A. (Baylor University) . . . . . Montgomery, Ala.  
*Field of Specialization: Psychology (1955)*
- Sara Marie Spatafore, B.A. (Fairmont State College) . . . . . Clarksburg, W. Va.  
*Field of Specialization: Speech*
- Ronald Edward Spielberger, B.S. (Memphis State University)  
 Memphis, Tenn.  
*Field of Specialization: Journalism*
- Ortha Black Stambaugh, B.A. . . . . Worthington  
*Field of Specialization: Speech*
- Diane Weltner Strommer, B.A. (University of North Carolina)  
 Greensboro, N. C.  
*Field of Specialization: English*
- Geoffrey Robert Thompson, B.A. . . . . Port Clinton  
*Field of Specialization: Political Science*
- Myra Leigh Tobin, A.B. in H.Ec. (University of Kentucky) . . . . . Harned, Ky.  
*Field of Specialization: Psychology*
- Bruce Douglas Tovell, B.A., B.Sc. in Edu. . . . . Zanesville  
*Field of Specialization: Education*
- Marilyn Mumma Troth, A.B. (Denison University) . . . . . Fairborn  
*Field of Specialization: Education*
- Joan Glazer Tyack, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- John Anthony Vavroch, B.Mus. (University of Michigan) . . . . . Worthington  
*Field of Specialization: Music*
- Peter Matthew Vivona, B.Mus. (Eastman School of Music) . . . . . Endicott, N. Y.  
*Field of Specialization: Music*

- Robert Louis Wacloff, B.S. (Saint Johns University, Minnesota)  
Havana, N. Dak.  
*Field of Specialization: Business Organization*
- Eva Lavonne Walter, B.Sc. in Edu.....Youngstown  
*Field of Specialization: Education*
- David Arthur Watkins, B.Sc. in Edu., B.Mus.....Lima  
*Field of Specialization: Music*
- Virginia Gibbs Weber, B.S. Journ. (West Virginia University) ...Columbus  
*Field of Specialization: Journalism*
- Robert John Wells, Jr., B.Sc. in Edu.....Mt. Vernon  
*Field of Specialization: Education*
- John Henry Wittmann, B.S. (Pennsylvania State University)  
Philadelphia, Pa.  
*Field of Specialization: Geography*
- Katherine Hartley Wyly, B.A. (Florida State University); M.A.  
Neptune Beach, Fla.  
*Field of Specialization: Romance Languages (French)*
- Alan Jay Wyner, B.A. (Northwestern University) .....Cleveland  
*Field of Specialization: Political Science*
- Janet Lee Wynn, B.A. ....Akron  
*Field of Specialization: Physical Education*
- Jerry Lee Yeric, B.A. (Western Michigan University) .....Columbus  
*Field of Specialization: Political Science*
- Il-Koo Youn, A.B. (Denison University) .....Seoul, Korea  
*Field of Specialization: History*

(One hundred and thirty-four candidates)

**Master of Business Administration**

- Perry James Bigelow, A.B. (Taylor University); B.S.C.E. (Illinois  
Institute of Technology) .....Orlando, Fla.  
*Field of Specialization: Business Organization*
- William Howard Condit, Jr., B.Sc. in Bus.Adm.....Worthington  
*Field of Specialization: Business Organization*
- John Thomas Dorsey, B.C.E.....Mechanicsburg  
*Field of Specialization: Business Organization*
- Raymond Lee Fahrmeier, B.A.....Cincinnati  
*Field of Specialization: Business Organization*
- Jerome Barry Gurev, B.Sc. in Bus.Adm.....Cleveland Heights  
*Field of Specialization: Business Organization*
- Dan Hubert Hinz, A.B. (Harvard University) .....Columbus  
*Field of Specialization: Business Organization*
- Ned William Hoge, B.Sc. in Bus.Adm.....New Knoxville  
*Field of Specialization: Business Organization*
- Ralph Chester Jechura, B.Sc.....Toledo  
*Field of Specialization: Business Organization*
- Charles Geyer Megowen, B.A. (Ohio Wesleyan University) .....Toledo  
*Field of Specialization: Business Organization*
- Robert Taylor Noble, B.A. (Rocky Mountain College, Montana)  
West Chester, Pa.  
*Field of Specialization: Business Organization*

- Kadabettu Vishwanath Pai, B.A., LL.B., M.A. (University of Bombay)  
Bandra, Bombay, India  
*Field of Specialization: Business Organization*
- C. Nicholas Fry, B.A. (Ohio Wesleyan University).....Crestline  
*Field of Specialization: Business Organization*
- Harry Allison Quimby, B.A. (Northwestern University).....Uhrichsville  
*Field of Specialization: Business Organization*
- Ashton Carr Stocker, S.B. (Massachusetts Institute of Technology)  
Mansfield  
*Field of Specialization: Business Organization*
- \*Robert Morris Taylor.....Columbus  
*Field of Specialization: Business Organization*
- William Burdette Wagner, B.B.A. (Michigan State University)  
Cedar Falls, Ia.  
*Field of Specialization: Business Organization*  
(Sixteen candidates)

#### Master of City Planning

- Richard Nathan Binetsky, A.B. (Upsala College).....Maplewood, N. J.  
*Field of Specialization: Architecture (City Planning)*
- Richard Michael Gauch, A.B. (Antioch College).....Euclid  
*Field of Specialization: Architecture (City Planning)*  
(Two candidates)

#### Master of Education

- E. Stewart Heminger, Jr., B.Sc. in Agr.....Belle Center  
*Field of Specialization: Agricultural Education*  
(One candidate)

#### Master of Fine Arts

- Gary David Bower, B.A.....Dayton  
*Field of Specialization: Fine Arts (Painting)*
- Michael Arnold Torlen, B.F.A. (Cranbrook Academy of Art)  
Spring Valley, Calif.  
*Field of Specialization: Fine Arts (Painting)*  
(Two candidates)

#### Master of Medical Science

- Frederick Gustav Dettmann, A.B. (Ripon College); M.D. (Marquette University).....Columbus  
*Field of Specialization: Obstetrics and Gynecology*
- Richard Palmer Dickey, B.A.....Napoleon  
*Field of Specialization: Obstetrics and Gynecology*
- Harold Eugene Kelch, A.B. (Miami University); M.D. (Washington University).....Lancaster  
*Field of Specialization: Obstetrics and Gynecology*
- Myron Miles LaBan, A.B., M.D. (University of Michigan)....Detroit, Mich.  
*Field of Specialization: Medicine*
- Alfred Lorenz Nicely, M.Sc., M.D.....Madison  
*Field of Specialization: Ophthalmology*

\* Two degrees

- William Verill Niek, B.A. (Yale University); LL.B. (Western Reserve University); M.D.....East Cleveland  
*Field of Specialization: Surgery*
- Loren Carter Prince, B.A., M.D.....Frankfort  
*Field of Specialization: Surgery*
- Thomas Roberts Riley, B.S. (University of Akron); M.D.....Akron  
*Field of Specialization: Medicine*
- James Richard Snyder, B.Sc. in Phar., M.D.....Akron  
*Field of Specialization: Medicine*
- David Richard Stager, B.S. (John Carroll University); M.D.  
 University Heights  
*Field of Specialization: Ophthalmology*  
 (Ten candidates)

**Master of Science**

- James Norris Barnes, A.B. (Oberlin College) .....Willoughby  
*Field of Specialization: Zoology*
- James Nathan Bass, A.B. (Earlham College) .....Cincinnati  
*Field of Specialization: Physics*
- Robert Walter Begland, B.Sc. in Edu.....Gnadenhutten  
*Field of Specialization: Chemistry*
- Harold Dean Belk, A.B. (Duke University); M.D. (Medical College of South Carolina) .....Pageland, S. C.  
*Field of Specialization: Preventive Medicine*
- John George Bishel, B.M.E.....Salineville  
*Field of Specialization: Mechanical Engineering*
- Sanford Parsons Bishop, D.V.M. (Cornell University) .....Springfield, Pa.  
*Field of Specialization: Veterinary Pathology*
- Marvin Lowell Bittinger, B.A. (Manchester College, Indiana) .....Akron  
*Field of Specialization: Mathematics*
- Samuel Wesley Bone, B.Sc. in Agr.....Columbus  
*Field of Specialization: Agronomy*
- Russell Lee Bowermaster, D.D.S.....Hamilton  
*Field of Specialization: Dentistry*
- Carl Otto Bozler, B.E.E.....Columbus  
*Field of Specialization: Electrical Engineering*
- Paul Francis Brinkpeter, B.Sc. in Agr.....Cincinnati  
*Field of Specialization: Botany and Plant Pathology*
- Darrell Brooke, B.A.A.E.....Cincinnati  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- \*Robert Lee Brotzman.....Mondovi, Wis.  
*Field of Specialization: Electrical Engineering*
- John Kevin Brown, B.S. (University of Akron) .....Painesville  
*Field of Specialization: Mathematics*
- Rex Dale Buller, D.V.M.....Summitville, Ind.  
*Field of Specialization: Veterinary Preventive Medicine*
- Paul Norman Burgess, B.S.E.E. (University of Wisconsin) Des Plaines, Ill.  
*Field of Specialization: Electrical Engineering*

\* Two degrees



- Timothy Jay Burkholder, A.B. (Taylor University) .....Orrville  
*Field of Specialization: Entomology*
- Ralph William Burns, Jr., B.S. (Colorado State University) ....Eva, Okla.  
*Field of Specialization: Chemistry*
- Robert Malcolm Burns, B.Sc. ....Steubenville  
*Field of Specialization: Microbiology*
- Richard Cobbold Busick, B.E.E. ....Marion  
*Field of Specialization: Electrical Engineering*
- William Ralph Cordova, B.S. in C.E. (University of Puerto Rico); M.I.E.  
 (New York University) .....Columbus  
*Field of Specialization: Geodetic Science*
- Sue Carol Cummings, B.A. (Northwestern University) .....Dayton  
*Field of Specialization: Chemistry*
- Manik Lal Dammani, B.E. (Calcutta University) .....Calcutta, India  
*Field of Specialization: Electrical Engineering*
- Kenneth Joe Danhof, B.S. (Calvin College, Michigan) ....Manhattan, Mont.  
*Field of Specialization: Mathematics*
- Michael Fox Dean, B.Met.E. ....Tuckahoe, N. J.  
*Field of Specialization: Metallurgical Engineering*
- Billy Louis Decker, B.S. (Arkansas State Teachers College) ..Success, Ark.  
*Field of Specialization: Geodetic Science*
- John LeCocq Dennis, B.A. (Grinnell College) .....Columbus  
*Field of Specialization: Mathematics*
- Robert Allen Dessert, B.A. (University of Buffalo) .....Buffalo, N. Y.  
*Field of Specialization: Physics*
- Don Tucker Dix, B.S. (Eastern Kentucky State College) .....Hazard, Ky.  
*Field of Specialization: Chemistry*
- John Joseph Droescher, Jr., A.B. (Colgate University); M.D. (George  
 Washington University) .....Shaker Heights  
*Field of Specialization: Preventive Medicine*
- Thomas David DuBois, B.A. (McMurry College, Texas) .....Macy, Ind.  
*Field of Specialization: Chemistry*
- Richard Malcolm Dunlop, B.S. (University of Minnesota) ...St. Paul, Minn.  
*Field of Specialization: Chemical Engineering*
- Stephen Harold Ellis, A.B. (Columbia University) .....Cleveland Heights  
*Field of Specialization: Chemistry*
- Marwan Mohammad El Nasser, B.S. in Ag. (University of Alexandria)  
 Amman, Jordan  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- William Esau Evans III, B.S. (Wilkes College); M.D. (Hahnemann  
 Medical College) .....Harvey's Lake, Pa.  
*Field of Specialization: Preventive Medicine*
- \*Daniel David Failoni, A.B. (Western Reserve University) .... Uhrichsville  
*Field of Specialization: Pathology*
- Christopher Alan Feuchter, B.Sc. ....Columbus  
*Field of Specialization: Astronomy*
- Silvio Finkelstein, M.D. (Universidad de Buenos Aires)  
 San Miguel, Buenos Aires, Argentina  
*Field of Specialization: Preventive Medicine*

\* Two degrees

- \*Richard Gatts Fischer.....Dayton  
*Field of Specialization: Physics*
- Gameh Moustafa Gameh, B.Sc. (Agr.) (Cairo University)....Cairo, Egypt  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- James Leo Gemma, B.S. (University of Detroit).....Youngstown  
*Field of Specialization: Mathematics*
- Kenneth Frank Giesken, B.S.E.E. (Ohio Northern University)....Columbus  
*Field of Specialization: Electrical Engineering*
- Roy Andrew Glover, B.S. (Calvin College).....Cleveland  
*Field of Specialization: Anatomy*
- David Leonard Goland, B.Edu. (Keene Teachers College, New Hampshire)  
Marysville  
*Field of Specialization: Mathematics*
- Alvaro Gonzalez-Fletcher, Ing. Civil (Universidad Nacional de Colombia)  
Bogota, Colombia  
*Field of Specialization: Geodetic Science*
- James Lee Griggs, Jr., B.S. (Case Institute of Technology).....Columbus  
*Field of Specialization: Physics*
- William Sitterle Hagler, B.E.E.....Xenia  
*Field of Specialization: Electrical Engineering*
- Harold Escar Hamrick, B.S. (University of Akron).....Akron  
*Field of Specialization: Physics*
- Edmond Michael Hanna, B.Sc. (University of Baghdad).....Basrah, Iraq  
*Field of Specialization: Chemistry*
- Ronald Lee Harper, B.Sc.....Frankfort  
*Field of Specialization: Dairy Science*
- Charles William Hatcher, B.S. (Muskingum College).....Cambridge  
*Field of Specialization: Chemistry*
- Theodore Randall Hatfield, B.S. (University of South Carolina); M.D.  
(Medical College of South Carolina).....Palm Harbor, Fla.  
*Field of Specialization: Preventive Medicine*
- David Roger Hawkins, B.Sc. in Agr.....South Charleston  
*Field of Specialization: Animal Science*
- Walter Herbert Heffner, Jr., B.S. in E.E. (Drexel Institute of Technology)  
Philadelphia, Pa.  
*Field of Specialization: Electrical Engineering*
- John Charles Herring, B.S. (Oregon State College).....McMinnville, Ore.  
*Field of Specialization: Geodetic Science*
- Forrest Llewellyn Hicks, A.B. (University of Southern California)  
Tulsa, Okla.  
*Field of Specialization: Geodetic Science*
- Francis John Hilbing, Jr., B.I.E. (Saint Louis University).....Fairborn  
*Field of Specialization: Industrial Engineering*
- Gerald Holdsworth, B.E., B.Sc. (University of New Zealand)  
Christchurch, New Zealand  
*Field of Specialization: Geology*
- Arthur Glenwood Holt, B.Sc.....Alliance  
*Field of Specialization: Physics*

\* Two degrees

- Ronald Paul Hudec, B.S. (Pennsylvania State University) . . . . . Columbus  
*Field of Specialization: Welding Engineering*
- \*James Lee Hussey . . . . . Mt. Pleasant  
*Field of Specialization: Mechanical Engineering*
- Prabhakar Rayaba Jatkar, B.V.Sc. (Osmania University) . . . . . Hyderabad, India  
*Field of Specialization: Microbiology*
- Dennis O'Reilly Johnsen, B.S., D.V.M. (University of California, Davis) . . . . . Los Angeles, Calif.  
*Field of Specialization: Veterinary Medicine*
- \*Carl J. Johnson, B.S., D.V.M. (Michigan State University) . . . . . Warren, Ind.  
*Field of Specialization: Pharmacology*
- Philip Avery Johnson, B.A. (Yale University) . . . . . Lakewood  
*Field of Specialization: Mathematics*
- Frederick Thomas Johnston, B.C.E. . . . . Thornville  
*Field of Specialization: Civil Engineering*
- James Thomas Jones, B.S.C.E. (Ohio University) . . . . . Tallmadge  
*Field of Specialization: Civil Engineering*
- Ruben Lanier Jones, B.S. (Mississippi State College) . . . . . Canton, Miss.  
*Field of Specialization: Geodetic Science*
- Franklin William Kapp, B.Sc. in Agr. . . . . Tiffin  
*Field of Specialization: Agricultural Education*
- William Theodore Kavage, B.E.E. . . . . Tiltonville  
*Field of Specialization: Electrical Engineering*
- Charles Roland Kistler, A.B. (Western Reserve University) ; M.D. . . . . Warren  
*Field of Specialization: Psychiatry*
- Lawrence Andrew Klimko, B.Sc. . . . . Campbell  
*Field of Specialization: Mathematics*
- Carol Lou Klun, B.S. in Med.Tech. (Wisconsin State College at Eau Claire) . . . . . Marshfield, Wis.  
*Field of Specialization: Microbiology*
- Carol LaRae Kohler, B.S. (Brigham Young University) . . . . . Midway, Utah  
*Field of Specialization: Home Economics*
- Choy Lan Kuan Kok, B.Sc. (Nanyang University) . . . . . Kuala, Lumpur, Malaya  
*Field of Specialization: Botany and Plant Pathology*
- Yasuko Matsunobu Kondo, B.Engr. (Kyushu University) . . . . . Columbus  
*Field of Specialization: Metallurgical Engineering*
- James Teh-Zen Koo, B.E.E. . . . . Kowloon, Hong Kong, China  
*Field of Specialization: Electrical Engineering*
- Ooriapadical Cherian Koshy, B.Sc. (University of Travancore) . . . . . Thiruvella, India  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Stephan Raymond Kostewicz, B.S. (Kent State University) . . . . . Canton  
*Field of Specialization: Horticulture*
- Edward Julian Krakiwsky, B.Sc. . . . . Calgary, Alta., Canada  
*Field of Specialization: Geodetic Science*
- Roland Kranz, B.S.E.E. (University of Toledo) . . . . . Toledo  
*Field of Specialization: Electrical Engineering*

\* Two degrees

- Albert Lynn Kunz, A.B., M.D. (Indiana University) . . . . .Greenwood, Ind.  
*Field of Specialization: Physiology*
- Thomas Otto Lange, B.M.E. . . . .Columbus  
*Field of Specialization: Mechanical Engineering*
- Carroll Marie Lanman, B.S. (Chestnut Hill College) . . . . .Columbus  
*Field of Specialization: Mathematics*
- Alan Leland Laubscher, B.S. in I.E. (Stanford University) . Millbrae, Calif.  
*Field of Specialization: Geodetic Science*
- Paul Conrad Leidheiser, B.Sc. in Agr. . . . .Elyria  
*Field of Specialization: Agricultural Education*
- Edith Gardner Leighty, B.S. (Marshall University) . . . . .Proctorville  
*Field of Specialization: Physiological Chemistry*
- Paul Dean Lindquist, B.A.E. (University of Minnesota)  
 South Haven, Minn.  
*Field of Specialization: Mechanical Engineering*
- Ralph Stanley Lorenz, B.S.E.E. (Ohio University) . . . . .West Lafayette  
*Field of Specialization: Electrical Engineering*
- Walter Lyon, B.Sc., M.D. . . . .Lucasville  
*Field of Specialization: Preventive Medicine*
- Elizabeth Schutzberg Mackey, B.S. in Edu. (Bowling Green State  
 University) . . . . .Haskins  
*Field of Specialization: Home Economics*
- Brian Boru Mahon, B.S. (Purdue University) . . . . .Rockford  
*Field of Specialization: Mathematics*
- Kevin Thomas Mansfield, B.S. (Fordham University) . . . . .River Edge, N. J.  
*Field of Specialization: Chemistry*
- Zeyad Mansour . . . . .Damascus, Syria  
*Field of Specialization: Pharmacy*
- John Lape McEowen, B.Sc. in Agr. . . . .Greenville  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Joseph Meeks, B.Sc. . . . .Portsmouth  
*Field of Specialization: Mathematics*
- Gerald Lewis Miller, B.S. (University of Wisconsin) . . . . .Madison, Wis.  
*Field of Specialization: Electrical Engineering*
- Robert Allen Mintzes, B.S.E.E. (Drexel Institute of Technology)  
 Philadelphia, Pa.  
*Field of Specialization: Electrical Engineering*
- Mary Catherine Nealon Mitchell, B.S. (Arizona State College, Tempe)  
 Phoenix, Ariz.  
*Field of Specialization: Home Economics*
- \*William Henry Montgomery, B.Sc. . . . .Dayton  
*Field of Specialization: Anatomy*
- Harry Kent Moore, B.S. (Manchester College); M. of Edu. (Harvard  
 University) . . . . .Harrisonburg, Va.  
*Field of Specialization: Physics*
- John Eric Morral, B.Met.E. . . . .Columbus  
*Field of Specialization: Metallurgical Engineering*

\* Two degrees

- Tariq Mohammed Murad, M.B.Ch.B. (University of Baghdad) Baghdad, Iraq  
*Field of Specialization: Pathology*
- Lyle Edward Nauman, B.S. in Ed. (Western Illinois University) Brimfield, Ill.  
*Field of Specialization: Zoology*
- Sally Guttormsen Niederhuber, B.S. (Bethany College) . . . . . Columbus  
*Field of Specialization: Zoology*
- James Joseph Olsen, B.A.E. (University of Minnesota) . . . . . Dayton  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Philip Maynard Palmer, B.S. (Chem.Engr.), B.S. (Naval Science)  
 (University of Wisconsin) . . . . . Lansing, Mich.  
*Field of Specialization: Chemistry*
- Jo Ann Test Patton, B.S. (American University) . . . . . Moorestown, N. J.  
*Field of Specialization: Chemistry*
- Arthur Kenneth Peacock, B.A. (College of Wooster) . . . Moorestown, N. J.  
*Field of Specialization: Mathematics*
- Robert Joseph Petrick, B.S. Pharm. (University of Toledo) . . . . . Euclid  
*Field of Specialization: Pharmacy*
- Henry John Pfeiffer, D.D.S. . . . . . Bryan  
*Field of Specialization: Dentistry*
- David Erwin Price, B.S. in Met.E. (University of Missouri) . . . . . Hilliard  
*Field of Specialization: Metallurgical Engineering*
- Ronald Foster Ratliff, B.S. in E.E. (University of Kentucky) . . Regina, Ky.  
*Field of Specialization: Electrical Engineering*
- Frederick Joseph Ravagnani, B.A. (Bowling Green State University) Parma  
*Field of Specialization: Physics*
- John Thomas Redfield, B.A., M.D. (University of Wisconsin) Madison, Wis.  
*Field of Specialization: Preventive Medicine*
- Donald Adams Richardson, B.A. (Kansas State Teachers College) St. Louis, Mo.  
*Field of Specialization: Geodetic Science*
- George Keith Richey, B.A.A.E. . . . . . Columbus  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Frederick Lee Riffle, B.Sc. in Phys. . . . . . Woodville  
*Field of Specialization: Physics*
- Stanley Ulrich Robinson III, A.B. (Oberlin College) . . . . . Worthington  
*Field of Specialization: Mathematics*
- Michael William Rohovsky, D.V.M. . . . . . Youngstown  
*Field of Specialization: Veterinary Pathology*
- \*Peter Thomas Sadow, Jr. . . . . . Dayton  
*Field of Specialization: Mechanical Engineering*
- Mary Roach Sawyer, B.Sc. in H.E. . . . . . Gambier  
*Field of Specialization: Home Economics*
- Norman Ellis Scaggs, B.Aero.E. . . . . . Waverly  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Frederick Michael Schaer, B.Sc. . . . . . Worthington  
*Field of Specialization: Physics*

\* Two degrees

- \*Paul Herbert Schreiber, B.S. (University of Dayton).....Dayton  
*Field of Specialization: Physiological Chemistry*
- Henry Lewis Scurry, B.S. (Knoxville College).....Geneva, N. Y.  
*Field of Specialization: Zoology*
- Wilbur Jewell Settle, B.A. (Centre College, Kentucky).....Glasgow, Ky.  
*Field of Specialization: Botany and Plant Pathology*
- Badruddin Siddiqui, B.Sc. (University of Karachi).....Karachi, Pakistan  
*Field of Specialization: Physiological Chemistry*
- Simon Christian Simonson III, S.B. (Massachusetts Institute of  
 Technology).....Fergus Falls, Minn.  
*Field of Specialization: Astronomy*
- Joseph Paul Sitarik, B.S. in E.E. (Carnegie Institute of Technology)  
 Irvine, Pa.  
*Field of Specialization: Electrical Engineering*
- Ronald Carl Snare, B.S. (Pennsylvania State University) Williamsburg, Pa.  
*Field of Specialization: Electrical Engineering*
- Rodney Bruce Sorkin, B.E.E. (Cooper Union).....Columbus  
*Field of Specialization: Electrical Engineering*
- Stephen Stollmack, B.Met.E. (Renselaer Polytechnic Institute) . . Columbus  
*Field of Specialization: Industrial Engineering*
- Jean Pierre Joseph Winand Swennen, B.E.S. (Brigham Young University)  
 Hasselt, Belgium  
*Field of Specialization: Electrical Engineering*
- Edward Robert Therkelsen, B.S. in Ged. Engring. (University of Nevada)  
 Columbus  
*Field of Specialization: Geodetic Science*
- Leonard James Thompson, M.B., Ch.B. (University of Otago)  
 Wellington, New Zealand  
*Field of Specialization: Preventive Medicine*
- John Edward Tolle, B.Sc.....Canton  
*Field of Specialization: Mathematics*
- John Rathbone Tripp, B.S. (Oregon State University).....Rocky River  
*Field of Specialization: Zoology*
- Richard Allen Vandercook, B.Sc., D.V.M. (Kansas State University)  
 Adelphi, Md.  
*Field of Specialization: Veterinary Medicine*
- Marvin Dale Van Fossen, B.E.E.....Harriettsville  
*Field of Specialization: Electrical Engineering*
- Bruce Gunn VanLeuwen, A.B. (Hope College).....Holland, Mich.  
*Field of Specialization: Chemistry*
- George Frederick Wadlington, B.Sc. in Agr.....Kingston  
*Field of Specialization: Agricultural Education*
- William Arthur Wallace, B.S. (University of Kentucky)....Louisville, Ky.  
*Field of Specialization: Astronomy*
- Leben Li Wee, B.S. (University of the Philippines)  
 Zamboanga City, Philippines  
*Field of Specialization: Mathematics*
- Sidney Aaron Weinberg, B.A.A.E.....Cleveland  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Fredrick Arthur Weinhardt, B.S. (Valparaiso University).....Cleveland  
*Field of Specialization: Microbiology*

\* Two degrees

- Walter James Wesner, B.E.E.....Columbus  
*Field of Specialization: Electrical Engineering*
- James Glenn Whitemyer, B.S. in E.E. (University of Akron) .....Akron  
*Field of Specialization: Electrical Engineering*
- Robert Arthur Whitney, Jr., B.S., D.V.M. (Oklahoma State University)  
 Montrose, Calif.  
*Field of Specialization: Veterinary Medicine*
- Peter Joseph Wotowiec, B.Sc. in Agr.....Cleveland  
*Field of Specialization: Agricultural Education*
- Larry Dwain Wykel, B.S. in E.E. (Ohio Northern University) .....Lima  
*Field of Specialization: Electrical Engineering*  
 (One hundred and fifty-one candidates)

**Master of Social Work**

- Jane Ann Aquino, A.B. (University of Alabama) .....Columbus  
*Field of Specialization: Social Work*
- Sanford Lee Baumgardner, B.A. (Kent State University) .....Columbus  
*Field of Specialization: Social Work*
- Robert Lee Berger, A.B. (Miami University) .....Cincinnati  
*Field of Specialization: Social Work*
- Rebecca Susan Bonnell, A.B. (Capital University) .....Columbus  
*Field of Specialization: Social Work*
- Susan Katz Buckwald, B.A. (University of Minnesota) ..Minneapolis, Minn.  
*Field of Specialization: Social Work*
- Barbara Ann Crosby, B.A. (Fisk University) .....Cincinnati  
*Field of Specialization: Social Work*
- Gary Austin Crow, A.B. (Ohio University) .....McArthur  
*Field of Specialization: Social Work*
- Patricia McElwain Garrett, B.Sc. in Soc.Wel.....St. Clairsville  
*Field of Specialization: Social Work*
- James Orville Gibson, B.A. (Georgetown College, Kentucky) ....Portsmouth  
*Field of Specialization: Social Work*
- Joyce Katinka Gilbert, B.A. (Paine College) .....Augusta, Ga.  
*Field of Specialization: Social Work*
- Joan Bromberg Gitlin, A.B. (University of Miami) .....Cincinnati  
*Field of Specialization: Social Work*
- Donna Gompf Halstead, B.Sc. in Soc.Wel.....Columbus  
*Field of Specialization: Social Work*
- Agnes Takizaki Havlis, B.A. (Our Lady of Cincinnati College) ..Cincinnati  
*Field of Specialization: Social Work*
- Laura Ruth Herrick, B.A. (Otterbein College) .....Dayton  
*Field of Specialization: Social Work*
- Valera Rose Hoffman, B.Sc. in Soc.Wel.....Dover  
*Field of Specialization: Social Work*
- Ellin Bliss Jaeger, A.B. (Antioch College) .....Sea Cliff, N. Y.  
*Field of Specialization: Social Work*
- Mary Ann Kavage Janssens, B.F.A.....Yorkville  
*Field of Specialization: Social Work*

- Helen Shields Landry, B.Sc. in Soc.Adm.....Columbus  
*Field of Specialization: Social Work*
- Ethelyn Shinder Light, B.A. (McGill University).....Cincinnati  
*Field of Specialization: Social Work*
- Melinda Lee Mathews, B.A. (Bowling Green State University)...Columbus  
*Field of Specialization: Social Work*
- Suzanne Selvey May, A.B. (Wilmington College).....Cincinnati  
*Field of Specialization: Social Work*
- Marilyn Joan McClintock, B.A. (Bridgewater College)....Waynesboro, Va.  
*Field of Specialization: Social Work*
- Rosetta Hunter McCrackin, A.B. (Central State College).....Cincinnati  
*Field of Specialization: Social Work*
- Judith Brodie Miller, B.A. (University of Wisconsin).....Columbus  
*Field of Specialization: Social Work*
- Donald Bruce Pendery, A.B. (University of Cincinnati).....Loveland  
*Field of Specialization: Social Work*
- Jacob Jackson Prater, B.A. (Bethany College).....Cincinnati  
*Field of Specialization: Social Work*
- Latolia H. Roberts, B.S. in Bus. (University of Oklahoma).....Columbus  
*Field of Specialization: Social Work*
- Robert Thomas Routt, B.A. (Anderson College).....Columbus  
*Field of Specialization: Social Work*
- Charles Lilbern Rubel, A.B. (Berea College).....Cincinnati  
*Field of Specialization: Social Work*
- William Richard Schultz, Jr., B.A. (Muskingum College).....Wooster  
*Field of Specialization: Social Work*
- Rosemary Ann Scirocco, B.A. (Youngstown University).....Girard  
*Field of Specialization: Social Work*
- Harold Dean Showalter, B.A. (Manchester College, Indiana).....Medina  
*Field of Specialization: Social Work*
- George Wentz Staiger, B.A. (Ohio Wesleyan University).....Columbus  
*Field of Specialization: Social Work*
- Toni Sillman Thompson, A.B. (University of Cincinnati).....Cincinnati  
*Field of Specialization: Social Work*
- George Linden Thorn, A.B. (Olivet Nazarene College)  
Wapella, Sask., Canada  
*Field of Specialization: Social Work*
- Leonard Donald Walker, A.B. (Western Reserve University)...Cleveland  
*Field of Specialization: Social Work*
- Marjorie Ann Weiler, B.A. (Otterbein College).....Ashland  
*Field of Specialization: Social Work*
- Robert Wendorf, A.B. (University of Cincinnati).....Cincinnati  
*Field of Specialization: Social Work*
- Ruth Budd Williams, B.A. (Wilberforce University).....Cincinnati  
*Field of Specialization: Social Work*
- Norma Rienhardt Wolf, B.S. (Cornell University).....Cincinnati  
*Field of Specialization: Social Work*

(Forty candidates)



## CANDIDATES FOR TWO DEGREES

- Joan Louise Angle.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education
- Judith Warman Barbour..... Tallmadge  
 Bachelor of Arts  
 Bachelor of Science in Education
- Ronald Allen Borrer.....Wilmington  
 Bachelor of Music  
 Bachelor of Science in Education
- Robert Lee Brotzman.....Mondovi, Wis.  
 Bachelor of Electrical Engineering (summa cum laude)  
 Master of Science
- Alan Caldwell.....Cleveland  
 Bachelor of Arts  
 Bachelor of Science in Education
- John Dee Dickerson.....Columbus  
 Bachelor of Arts  
 Doctor of Dental Surgery
- Thomas Victor Dickerson.....Columbus  
 Bachelor of Science in Agriculture  
 Doctor of Veterinary Medicine
- Carolyn Sue Dixon.....Waynesfield  
 Bachelor of Arts  
 Doctor of Medicine
- John Edwin Dodson.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education
- Richard Howard Dormire.....Sidney  
 Bachelor of Science  
 Doctor of Dental Surgery
- Carol Anne Drees.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education
- Daniel David Failoni, A.B. (Western Reserve University).... Uhrichsville  
 Doctor of Medicine  
 Master of Science
- Richard Gatts Fischer.....Dayton  
 Bachelor of Science in Physics  
 Master of Science
- Deborah Ruth Friedeman.....Cape Coral, Fla.  
 Bachelor of Arts  
 Bachelor of Science in Education
- Charles Walter Glaser.....Leipsic  
 Bachelor of Science in Agriculture  
 Doctor of Veterinary Medicine
- James Cade Griesheimer.....Londonderry  
 Bachelor of Science in Education  
 Bachelor of Music
- Nancy Ann Haas.....Parma  
 Bachelor of Arts  
 Bachelor of Science in Education

Cynthia Kay Hazel.....Youngstown  
 Bachelor of Arts  
 Bachelor of Science in Education

Harvey Allen Heikel.....Parma  
 Bachelor of Arts  
 Bachelor of Science in Business Administration

Esther Maria Hostettler.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education

James Lee Hussey.....Mt. Pleasant  
 Bachelor of Mechanical Engineering  
 Master of Science

Richard Laurens Jeffries.....Columbus  
 Bachelor of Science in Agriculture  
 Doctor of Veterinary Medicine

Carl J. Johnson, B.S., D.V.M. (Michigan State University)....Warren, Ind.  
 Doctor of Medicine  
 Master of Science

Alan Ray Kennedy.....Canton  
 Bachelor of Science in Education  
 Bachelor of Music

Jerome Allyn Kopf.....Canfield  
 Bachelor of Arts  
 Bachelor of Science in Education

Kathryn Sue McDaniel.....Richwood  
 Bachelor of Arts (cum laude and with Distinction in English)  
 Bachelor of Science in Education (cum laude)

Elizabeth Ann McSweeney.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education

William Henry Montgomery, B.Sc.....Dayton  
 Doctor of Medicine  
 Master of Science

Stephen Eugene Reynolds.....Fairborn  
 Bachelor of Arts  
 Bachelor of Science in Education

George Albert Rofkar.....Port Clinton  
 Bachelor of Arts  
 Doctor of Medicine

Susan Ellen Sachs.....Pittsburgh, Pa.  
 Bachelor of Arts  
 Bachelor of Science in Education

Peter Thomas Sadow, Jr.....Dayton  
 Bachelor of Mechanical Engineering (cum laude)  
 Master of Science

John Erwin Sauer.....Columbus  
 Bachelor of Arts  
 Bachelor of Science in Education

Paul Herbert Schreiber, B.S. (University of Dayton).....Dayton  
 Doctor of Medicine  
 Master of Science

Robert Morris Taylor.....Columbus  
 Bachelor of Science in Business Administration (cum laude)  
 Master of Business Administration

- Jo Ellen Thomas.....Dublin  
 Bachelor of Arts (cum laude)  
 Doctor of Medicine (cum laude)
- Elaine Evelyn Triana.....Cleveland  
 Bachelor of Science in Education  
 Bachelor of Fine Arts
- William Harry Weber.....Columbus  
 Bachelor of Science in Agriculture  
 Doctor of Veterinary Medicine
- Larry Keith Winegar.....Greenfield  
 Bachelor of Arts  
 Doctor of Medicine

(Thirty-nine candidates)

### CANDIDATES FOR A DEGREE AND A CERTIFICATE

- Ann Gordon Christian.....Worthington  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Paula Sue Eisen.....Highland Park, Ill.  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Lynne Joy Grundstein.....Columbus  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Eleanor Ann Johnston.....Worthington  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Judith Ann Klutch.....Warren  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Sandra Jean Marini.....Steubenville  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Beverly Jean Piloseno.....Toledo  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Karen Judith Roe.....Cincinnati  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist
- Polly Ann Schmid.....Salem  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

(Nine candidates)

# COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

## Bachelor of Science in Agricultural Biochemistry

James Higgins Wolfram.....Monroeville

(One candidate)

## Bachelor of Science in Agriculture

Gale Martin Alden.....Wilmington  
Gerald Edward Althaus.....Kenton  
Joseph Thomas Althouse, Jr.....Salem  
Dennis Murray Anderson.....Columbus  
John Dee Ayars.....Mechanicsburg  
Theodore Nicholas Bailey (cum laude).....Lore City  
Richard Thomas Baldwin.....Waterville  
James David Bearss.....Toledo  
Roger Eugene Beck.....Mt. Gilead  
Kenneth Eugene Beery.....Lancaster  
William George Bennett.....Woodburn, Ind.  
Richard Stanley Bostdorff.....Bowling Green  
John Fleming Brainerd.....Tippecanoe  
William Kettler Brandt (cum laude and with Distinction in  
Agricultural Economics).....Anna  
John Edward Breidenbach.....West Milton  
Paul Thomas Brisker.....Wheelersburg  
Ralph Richard Brust.....Milford Center  
Don Charles Buckloh.....Coldwater  
James Van Bunnell.....Forest  
Keith Duane Burgett.....Hammondsville  
Robert David Burton.....Medina  
Fredric David Cannon.....Youngstown  
Charles Joe Carter.....Gallipolis  
John Lee Chenoweth.....Mt. Sterling  
Thomas Larry Coltman.....Williamsfield  
James Walter Converse (with Distinction in Rural Sociology).....Leetonia  
Curtis Dee Cooley.....Fayette  
Don Brooks Creamer.....Jeffersonville  
James Lee Culbertson (cum laude).....Gahanna  
Kenneth Eugene Dalgleish.....Spencer  
Roger Lee Darding.....Jamestown  
David Michael Denlinger.....Arcanum  
\*Thomas Victor Dickerson.....Columbus  
Ross Edward Dryer.....Avon Lake  
William Andrew Duvall.....Ashville  
Thomas Ellis Eltzroth (cum laude).....Chillicothe  
Gregory Lee Etter.....Kettering  
Jon Lawson Faust.....Columbus  
James Manley Fenstermacher.....Cincinnati  
Robert Dale Fleming.....Ada  
William Anthony Frey, Jr.....Dayton  
Paul Vernon Fryman.....Radnor  
Richard Earl Gardner.....Genoa

\* Two degrees

David Ross Gerber.....	Smithville
Rex Dean Gitzel.....	Arcanum
*Charles Walter Glaser.....	Leipsic
Stanley Earle Glazier.....	Troy
James Richard Goldsberry, Jr.....	Milford
Jay Lynn Group.....	Troy
William John Hansen.....	Bellevue
Carl Roger Harlan.....	South Solon
Roger Luther Hartsock.....	Waynesville
Larry Lee Heitmeyer.....	Cloverdale
Dennis Roger Henderson.....	Austinburg
Gene Earl Hofacre.....	Dalton
Dale Eugene Holtrey.....	New Albany
Lawrence Frank Honnert.....	Cincinnati
Ryan Elliott Hoover.....	Worthington
Dale Edward Howell.....	South Point
William Keith Humbert.....	Fayette
Dale Duane Hunt.....	Covington
Joan Mary Hurley.....	Cincinnati
Arthur David Hutchins.....	London
Nelroy Evan Jackson (with Distinction in Agronomy)	Georgetown, British Guiana
*Richard Laurens Jeffries.....	Columbus
Gary David Jolliff.....	Ridgeway
Edward Raymond Jones.....	Wintersville
Lewis Russell Jones.....	Circleville
Mary Ann Kaufmann.....	Stow
Sharon Diane Kay.....	Georgetown
Floyd Edward King.....	Bellefontaine
Gerald William King, Jr.....	Jackson
John Michael Klesa.....	Stow
Sharon Conlon Kling.....	Dayton
Michael Lee Kovsky.....	Youngstown
Lavern Frederick Krabill.....	Louisville
Thomas James Lankford.....	West Jefferson
Douglas Paul LeFever.....	Arcanum
James Robert Livingston.....	Urbana
Gary Leonard Logan.....	Farmdale
Basil William Long, Jr.....	Columbus
Donald Walter Long.....	Leetonia
Russell William Macdonald.....	Staten Island, N. Y.
Dale Kenneth Manbeck.....	New Knoxville
Charles Joseph Martin.....	Columbia Station
Thomas Levis Martin.....	Eden, N. Y.
Robert Lloyd Mathews.....	Lore City
Dale Wayne Maxson.....	New Carlisle
Nils Carl Melkerson.....	Orrville
Joe Raymond Mesenburg.....	Castalia
Roy C. Miller.....	Canton
William Jacob Mitchell.....	Plain City
Theodore William Moeller.....	Cincinnati
Norman Lee Moll.....	Delta
Glen Arden Murphy.....	Newcomerstown
Harry Ralph Pallant.....	Geneva
Dennis LeRoy Parrish.....	Felicity
Robert John Pavoni.....	Gahanna

\* Two degrees

Nicholas Pfeifer Peck.....	Troy
Raymond Joseph Posgay.....	Cleveland
Robert Timms Rannells (with Distinction in Agricultural Education)	
	New Plymouth
Gary Eugene Reiterman.....	Mt. Sterling
Dennis Russell Rennecker.....	Parma
Ronald Lee Renner.....	Dalton
Fred L. Richard.....	Deshler
Grove Reed Rinehart.....	Mt. Gilead
Lawrence Michael Roberts.....	Parma
Frederick Sloop Ruland.....	Steubenville
Larry Lee Rusk.....	Westerville
Henry Zane Schofield, Jr.....	Columbus
Sharon Ann Schumann.....	Wapakoneta
Paul Erwin Schwartz.....	Waterville
John Allen Sims.....	New Concord
John Edward Smart (cum laude and with Distinction in Botany and Horticulture).....	New Carlisle
James Arlen Spiess.....	Wauseon
Gary Lynn Stillberger.....	Findlay
John Noel Stitzlein.....	Ashland
Roger James Stoll.....	Marshakville
David Woltmann Strickler.....	Mansfield
James Dwight Sullivan.....	Kenton
Robert Lyle Sutton.....	Williamsburg
William Arthur Swartzel.....	Waynesville
James Jay Syler.....	Dalton
William Patrick Thompson.....	Wilmington
Charles Warren Thornton.....	Cincinnati
David Clee Tolhurst.....	Willoughby
Donald Scott Traphagen.....	Powell
Gail Eric Updegraff.....	Lakewood
Bob Garth Volk.....	Worthington
Darryl Dean Warncke.....	Wauseon
Harold Jack Warner.....	Olmsted Falls
*William Harry Weber.....	Columbus
Dale Rush Weir.....	Chardon
Carmon Leo Weller.....	Fredericktown
Cornell Joseph Weltin.....	Green Springs
Jack Allan Wildermuth.....	Blacklick
Jerry Lynn Williams.....	Ada
Merrill Eston Williams.....	LaRue
Roger Dale Wilson.....	South Charleston
Roland Donald Zimmerman.....	Norwalk

(One hundred and forty candidates)

### Bachelor of Science in Dairy Technology

Virgil Victor Lochtefeld.....	St. Henry
Charles Richard Miller.....	Jerusalem
Gary Harrison Wangrin.....	Napoleon
John Edward Wells.....	Barnesville

(Four candidates)

\* Two degrees

**Bachelor of Science  
in Food Technology**

Richard John Morley.....	Lancaster
Ralph Wesley Smolik.....	Euclid
David Willard Zentgrebe.....	Toledo

(Three candidates)

**SCHOOL OF HOME ECONOMICS**

**Bachelor of Science  
in Home Economics**

Alyce-Anne Achauer.....	Zanesville
Marilyn Marie Baird.....	Ansonia
Marian Jane Belt.....	Mt. Sterling
Linda Burgess Bethel.....	Chillicothe
Dorisan Lee Bonn.....	Westlake
Charlene Ann Boring.....	Thornville
Karen Joyce Bowman.....	Cambridge
Roberta Mary Briggs.....	Cincinnati
Myra Clare Brinson.....	Plymouth
Janet Louise Butcher.....	South Solon
Nancy Louise Clute.....	Fowler
Suzanne Rapier Converse.....	Lancaster
Judith Anne Crist.....	Columbus
Joyce Bartleson Dalbey.....	Columbus
Janet Barbara Dalton.....	Wakeman
Alice Jones Dennis.....	Columbus
Eleanor Ruth Dick.....	Shelby
Lorraine Mary Evashavik.....	East Pittsburgh, Pa.
Jane Elizabeth Fawcett.....	Columbus
Greta Feldwisch.....	Carroll
Barbara Jean Frank.....	Columbus
Carol Sue Fry.....	Toledo
Carolyn Louise Gail.....	Fowler
Stephanie Lynne Gerlach.....	Kent
Marilyn Jean Hanf.....	Columbus
Mary Ann Wible Herb.....	Milford Center
Katharine Kessler Hill.....	Columbus
Janice Lou Jones.....	Wellington
Margaret Kralovic Keil.....	Cleveland
Jean Ann King.....	Millersport
Sandra Ackley Kirk.....	Columbus
Shirley Ann Kirkham.....	South Charleston
Lynn Hunsinger Kisker.....	Columbus
Barbara Dick Kley.....	Shiloh
Joan Ryan Knutson.....	New Brighton, Pa.
Patricia Ann Leatherow.....	Loudonville
Kathleen Mary Lewis.....	Burton
Barbara Lewis Martin.....	Dayton
Judy Lynn McCombs.....	Orrville
Barbara Lee McVey.....	Mt. Vernon
Julie Ann Mertens.....	Erie, Pa.
Terrie Eileen Mikesell (cum laude).....	Walhonding
Dolores Bove Myers.....	Columbus

Sue Ellen Palmer.....	Fairborn
Ruth Loudenslager Parish.....	Columbus
Patti Ann Rea.....	Columbus
Mary Ann Ridenour.....	Hicksville
Michele Miller Sansbury.....	Casstown
Linda Sue Scantland.....	New Madison
Martha Jane Seddon.....	Dayton
Mary Jo Smith.....	Columbus
Shirley Ann Smith.....	Galion
Donna Dolores Spindler.....	Columbus
Margaret Sharon Sutherland.....	Columbus
Gene Van Winkle Todd.....	Mt. Gilead
Mary Jane Vance.....	Columbus
Karen Walters.....	Columbus
Judith Rausch Warner.....	Columbus
Madonna Elizabeth Weaver.....	Carey
Sharon Lee Welty.....	Toledo
Judith Caroline Wharton.....	Dayton
Carol Swanson Wheeler.....	Columbus
Carole Ann Winegardner (summa cum laude and with Distinction in Home Economics).....	La Fayette
Barbara Elizabeth Wolter.....	Medway

(Sixty-four candidates)

**Bachelor of Science  
in Restaurant Management**

David Edward Evans.....	Canton
Daniel Glen Reinke.....	Brecksville

(Two candidates)



# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

Charles Benson Adams.....	Lakewood
Patricia Anne Adams, B.Sc. in Edu.....	Yorkville
Alice Suzanne Agler.....	Columbus
Wade Hampton Alley, Jr.....	Myrtle Beach, S. C.
Maan Radif Al-Ubaidi.....	Baghdad, Iraq
Robert Milford Anderson, Jr.....	Dewitt, N. Y.
*Joan Louise Angle.....	Columbus
Thomas William Arbaugh (cum laude).....	Zanesville
Nancy Claire Atwood.....	Tarrytown, N. Y.
Inese Auzins.....	Columbus
Garry A. Bahrich.....	Delaware
Judith Lynne Baird.....	Norwood
Rita Carolyn Baker.....	Columbus
Robert Lee Barber.....	Washington C. H.
*Judith Warman Barbour.....	Tallmadge
Richard Linn Barton.....	Dayton
Judith Ann Bauer.....	Stanfordville, N. Y.
Barbara Ann Beinhart.....	Cincinnati
Elizabeth Ann Blakemore.....	Columbus
Richard L. Block (cum laude).....	Cincinnati
Howard William Bogart.....	Vermilion
Judy Lynne Boylan (cum laude).....	Washington, C. H.
James William Bradfield (cum laude).....	Galion
Wilbur Duane Bridenbaugh, Jr.....	Dayton
Jerrald Allen Brown.....	Elyria
Robert Joseph Brown.....	St. Marys
Frederick William Bruno.....	Merrick, N. Y.
Bruce Kingsley Buhl.....	Willowick
Wallace Robert Buker.....	Mt. Vernon
Elizabeth Ann Burrell.....	Columbus
John Douglas Butler.....	Maple Heights
*Alan Caldwell.....	Cleveland
Owen Patrick Campbell, Jr.....	Lakewood
Sonia Kovitz Campbell (cum laude).....	Columbus
Michael Gooding Carpenter.....	Lima
Christopher Francis Carroll.....	South Bend, Ind.
Michael T. Carroll.....	Worthington
Carolyn Battenberg Casello.....	Cincinnati
August Anthony Cenname.....	Rochester, N. Y.
William Michael Chinn.....	Columbus
Jon Alexander Christensen.....	Shaker Heights
William James Christensen.....	Shaker Heights
†Ann Gordon Christian.....	Worthington
Louis Don Christiano.....	Cleveland
Sarah Jane Clark.....	Westlake
Kathleen Phillips Clegg.....	Dayton
Susan Gary Collis.....	Newark
Alan Raphael Cooper.....	Akron
Lee Harrison Corbin (summa cum laude).....	Rockville Centre, N. Y.
John Otis Core.....	Washington C. H.
Michael Bruce Cremean.....	Dayton

\* Two degrees

† Degree and certificate

William LeRoy Cromley..... Fort Devens, Mass.  
 Peggy Buckwalter Cuber (summa cum laude)..... Galena  
 John William Cunningham..... Rocky River  
 Catherine Cope Cupps..... Barton  
 Stanton Girard Darling II (summa cum laude)..... Columbus  
 Jeffrey Welsh Daugherty..... Worthington  
 Gerald Y. Davis..... Youngstown  
 John Lewis Davis..... St. Marys  
 Marcia Kay Davis..... Birmingham, Mich.  
 \*John Dee Dickerson..... Columbus  
 Adrienne Diane Diehr..... Columbus  
 John Patrick Di Falco..... Wintersville  
 Larry Lewis Dildine (cum laude and with Distinction in Economics) Leipsic  
 Howard Lawrence Distelzweig..... Columbus  
 \*Carolyn Sue Dixon..... Waynesfield  
 \*John Edwin Dodson..... Columbus  
 James Frank Dohnal..... Norwalk  
 Jacqueline Lee Dorf..... Miami Beach, Fla.  
 \*Carol Anne Drees..... Columbus  
 Cheryl Duncan..... Dayton  
 John Howard Dupree..... St. Petersburg, Fla.  
 Alison Dyer..... Ridgewood, N. J.  
 Charles Einhorn..... Columbus  
 †Paula Sue Eisen..... Highland Park, Ill.  
 Dennis William Ellis..... Canton  
 Philip Reid Engle..... Dayton  
 Bennie Eugene Espy..... Sandusky  
 Ralph Lance Factor (cum laude)..... Chesterland  
 Steven Leroy Farmer..... Koloa, Kauai, Hawaii  
 Ronald Fred Fein..... Cleveland  
 Lester Leigh Ferguson..... Cedarville  
 Gail Leslie Fine..... Rockville Centre, N. Y.  
 Karla Marie Fish..... Parma  
 Donald James Fisher..... Cleveland  
 Patrick Anton Fix (cum laude)..... Columbus  
 James Gordon Fleisch (cum laude)..... Newark  
 Marcia Lynn Fogel..... Omaha, Nebr.  
 Robert Henry Fountain (cum laude with Distinction in French) .. Columbus  
 Richard Gary Freedman..... Trenton, N. J.  
 Sally Jane Freeland..... Columbus  
 Janet Louise Freeman (cum laude)..... Norwalk  
 \*Deborah Ruth Friedeman..... Cape Coral, Fla.  
 Barry Howard Friedman..... Brooklyn, N. Y.  
 Diana Friedman..... Columbus  
 Susan Mary Friedman..... New York, N. Y.  
 Daniel William Fromm..... Columbus  
 Gary Frederic Frye..... Fredericktown  
 Mark Charles Fulcomer (cum laude)..... Canfield  
 Ronald Steven Garlikov..... Dayton  
 Nick Sotiris Georgas..... Yorkville  
 David Roger Gibson..... Cincinnati  
 Jane Ruth Godfrey..... Westlake  
 Peter Alexis Goudinoff..... Lakewood  
 Miriam Anita Graham..... Columbus  
 Gary Richard Gray..... Grove City  
 Stephen Michael Greenwold..... Cincinnati

\* Two degrees

Margaret Byrne Groff..... Columbus  
 Margaret Susan Gross..... Lebanon, Pa.  
 †Lynne Joy Grundstein..... Columbus  
 Henry Lee Guthrie..... Marion  
 \*Nancy Ann Haas..... Parma  
 Sandra Jean Haley..... Columbus  
 William James Halscott..... Cincinnati  
 Daniel Allen Hanley..... Westerville  
 Robert Edwin Harper (with Distinction in Political Science).... Cleveland  
 Michael Havron..... Bucyrus  
 Christopher Wedvik Hazard..... Columbus  
 \*Cynthia Kay Hazel..... Youngstown  
 Ronald Hecker..... Akron  
 \*Harvey Allen Heikel..... Parma  
 Richard Elmer Heikkila..... Fairport Harbor  
 Douglas MacArthur Helfrich..... Melrose, Fla.  
 James Randall Hendren..... Riverton, N. J.  
 Daniel Jon Henning..... Hamilton  
 Michael James Hickey..... Granville  
 Thomas Earl Hickman..... Columbus  
 John Paul Hiestand..... Hillsboro  
 Robert Gibson Hill..... Columbus  
 Richard Dean Hillegas..... Akron  
 William Henry Hoch (cum laude)..... Tacoma Park, Md.  
 Robert Michael Hook..... Canton  
 \*Esther Maria Hostettler..... Columbus  
 Frederick Charles Huxley..... Sidney  
 Ted Palmer Hysell..... Columbus  
 Nancy Alice Jackson..... Findlay  
 Richard Kenneth Jacob..... Cleveland  
 Edmund Gale James, Jr..... Caldwell  
 Robert Leon Jamison (cum laude)..... Springfield  
 Charles Burnham Jenkins..... Canton  
 Marjorie Wright Johnson..... Columbus  
 Michael Richards Johnson..... Newark  
 Patricia Jane Johnson..... Delaware  
 †Eleanor Ann Johnston..... Worthington  
 Karen Ann Kackley..... Columbus  
 Sue Ann Kates..... Columbus  
 Joseph Paul Kelley..... Columbus  
 Stephen Brooks Kendig..... Coshocton  
 Richard Dale Keyes..... Columbus  
 Carol Dale Kibbey..... Marion  
 John Brian Kinsel..... Fairborn  
 Ralph Willard Kleinline II..... Columbus  
 Charles Francis Klingner (cum laude)..... Columbus  
 †Judith Ann Klutch..... Warren  
 Ivan Ellis Knapp, Jr., B.Sc. in Edu..... St. Marys  
 Carolyn Holbert Knight..... Newark  
 \*Jerome Allyn Kopf..... Canfield  
 Jean Frances Ladkin..... Columbus  
 Scott Ralph Laidig..... Columbus  
 David Carden Larkin..... Bay Village  
 Martha Jane Lay..... Sandusky  
 Jeffrey Paul Laycock (cum laude)..... Norwalk

† Degree and certificate

\* Two degrees

William Bierce Leahy.....	Cleveland Heights
Elizabeth Ann Lee.....	Gahanna
Carol Ann Leithauser.....	Springfield
Ruth Charlotte Lemley.....	Metamora
Donald Leventhal.....	Beachwood
Charles Sanford Levine.....	New York, N. Y.
Ronnie Claire Lichtman.....	Roanoke, Va.
Diane Lieb.....	Huron
Martin Johnson Lindenmayer.....	Ashtabula
Walter Everett Lindrose.....	Painesville
William Michael Linkow.....	Shaker Heights
Wayne Arthur Lippert.....	Wilmington
Robert Michael Longer.....	Cleveland
William Carl Louthan (cum laude and with Distinction in Political Science).....	Akron
John Marshall Louton.....	Woodstock, Ill.
Mary Hawley Magyar.....	Pompton Lakes, N. J.
Barbara Ann Mallett.....	Columbus
†Saundra Jean Marini.....	Steubenville
Richard Lee Martin.....	Mansfield
Ronald Perkell Maybruck.....	Springfield
Ann Mayer.....	Fairborn
Roger John McClure.....	Columbus
*Kathryn Sue McDaniel (cum laude and with Distinction in English).....	Richwood
Samuel Brown McGavran.....	Columbus
Margaret Ann McGee (cum laude).....	Chillicothe
Stephen Douglas McLaughlin.....	Columbus
Dottie Lou McMahan.....	Gallipolis
*Elizabeth Ann McSweeney.....	Columbus
James Douglas McWilliams.....	Short Hills, N. J.
John Cary Medford.....	Fort Recovery
Henning Mehrens.....	North Olmsted
John Harold Meincer, Jr.....	Toledo
Lawrence Clay Miller.....	Columbus
Ronald Lev Miller.....	Miami Beach, Fla.
William Paul Miller.....	Oberlin
David Timothy Milligan.....	Westerville
George Thomas Minshall.....	Yellow Springs
Daniel Eric Moffitt.....	Circleville
Kathleen Mogg.....	Marion
Eric Arthur Mott.....	Gahanna
Gloria Antoinette Nosan.....	Euclid
Gwendolyn Rae Owen.....	Newark
Gerald Paul Parke.....	Sidney
Jeffrey David Parker (with Distinction in Philosophy).....	Columbus
Philip Charles Parker.....	Stow
George Phillip Parkinson, Jr.....	Worthington
Lee Huntington Parrish.....	Hamilton
Stephen Edwin Paul.....	Dayton
John Wesley Penwell.....	Washington C. H.
Grady Lee Pettigrew, Jr.....	Thompson
†Beverly Jean Piloseno.....	Toledo
Roberta Ann Porthouse.....	Kent
Danny Lawrence Predmore.....	Columbus

\* Two degrees

† Degree and certificate

Wenda Miller Price.....	Steubenville
Clark Poston Pritchett, Jr.....	Columbus
John Emerson Reeves.....	Akron
Nancy Boyce Reiber.....	Columbus
William John Reiser.....	Huron
*Stephen Eugene Reynolds.....	Fairborn
Donald Detrich Richards.....	Dayton
Jon Donald Richardson.....	Canton
James Paul Rion.....	Dayton
John Hayes Rion.....	Dayton
Larry Ray Ritter.....	Columbus
Michael Francis Robinson.....	Oxford
†Karen Judith Roe.....	Cincinnati
*George Albert Rofkar.....	Port Clinton
David LeRoy Rogers.....	Marion
John Adams Rogers.....	Delaware
James Stephen Rood.....	Gallipolis
Dorothy Marie Roose.....	Ottawa
Susan Jean Ross.....	Eaton
Laurence Thomas Ruggieri.....	Cleveland
Roger Terry Russell.....	Cincinnati
Roger Lee Sabo.....	Newark
*Susan Ellen Sachs.....	Pittsburgh, Pa.
*John Erwin Sauer.....	Columbus
Richard Allen Schaefers.....	Wapakoneta
Kenneth Fredrick Scher.....	Shaker Heights
Carol Ann Schermesser.....	Akron
†Polly Ann Schmid.....	Salem
Bowman Earl Schneider.....	Cleveland
Edward James Schulte.....	Toledo
Jeffrey Harmon Schwartz (with Distinction in Political Science)	Columbus
Jeffrey Lewis Schwartz.....	Livingston, N. J.
Alan Michael Schwarzwald.....	Columbus
Karen Rounds Schwarzwald.....	Columbus
Stephen Dennis Shell.....	Columbus
Alice Ruth Shenker.....	Columbus
Carole Jo Shiplevy.....	St. Clairsville
William John Shondel.....	Clinton
James Jay Short.....	Grove City
Elinor Marjorie Sigmund.....	Washington, D. C.
Linda Kay Silsby.....	Mansfield
Daniel Tennant Sims.....	Wapakoneta
Alan Dale Smith.....	Columbus
John Keith Snodgrass (cum laude).....	Cadiz
Leonard Stachowski.....	Scarboro, Ont., Canada
John Joseph Staczek.....	Toledo
Geoffrey Stern (cum laude).....	Columbus
Robert Lawrence Stine.....	Columbus
Julie Ann Stockwell.....	Bryan
Robert Martin Strapp.....	Urbana
Ronald Dean Tarvin.....	Marion
Louis Anthony Testa.....	Steubenville
Joseph Patrick Thesing.....	Lancaster
*Jo Ellen Thomas (cum laude).....	Dublin
John Robert Thomas.....	Springfield

\* Two degrees

† Degree and certificate

Constance Veatch Tonsy.....	Gambier
James Roger Tootle.....	Columbus
Eugene Leonard Trabitz.....	Youngstown
Mary Jane Trout.....	Meadville, Pa.
Daniel Michael Tsaloff.....	Akron
Ann Duval Turner.....	Piqua
Grant Edgar Tyler, Jr.....	Dayton
Bette Meyer Unger.....	Petersburg, Va.
Stephanie Rogers Vaughn.....	Wooster
John Webster Vierow.....	Youngstown
Stefan Voinoff.....	Columbus
James Thomas Walker (cum laude).....	Kettering
June Anne Watson.....	Columbus
Gayle Jacqueline Waxman.....	University Heights
Mary Anne Wayant.....	Columbus
John Adams Wettergreen (with Distinction in Political Science)	York, Pa.
James Wilson Wheeler.....	Columbus
Beverly Jean Whitaker (cum laude).....	Pittsburgh, Pa.
James Alfred White.....	Yorkville
*Larry Keith Winegar.....	Greenfield
Judith Ann Winters.....	Youngstown
Charles Harris Withrow.....	Columbus
Kathleen Mary Woodward.....	Columbus
Susan Jean Wyatt.....	Memphis, Tenn.
John Addison Wynn.....	Rome
Willis Shui Min Yap, Jr.....	Kaneohe, Hawaii
Michael Charles Zegarella.....	Columbus
Joel Stewart Zuker.....	Toledo

(Two hundred and ninety-eight candidates)

### Bachelor of Science

Joel Richard Aberth.....	Akron
Kenneth John Acuff.....	Tallmadge
Robert Joseph Ade.....	Cleveland
Martin Joel Alpert.....	Rochester, N. Y.
Stephen Charles Antopol.....	New York, N. Y.
Byron Lewis Armstrong.....	Barberton
Leon Frank Artzner.....	North Canton
David Alexander Baiduc.....	Warren
William Lewis Baker (cum laude).....	Columbus
Vicky Lillian Ball.....	Hamilton
Albert Lake Banning.....	Mt. Vernon
Timothy Lee Barker.....	Dresden
William Robert Bartilson.....	Columbus
Thomas Hugh Baughman.....	Cleveland
Robert Lyman Beach.....	Spencer
Myron Bliss, Jr.....	Parma
Clark Edward Bowser.....	Parma
James Leonard Bradford (cum laude).....	Wayland, Mass.
Ross Kellogg Brandt.....	Columbus
Robert Scott Brenner.....	Hamilton
Robert Lewis Brown.....	Lima
Steven Herbert Brownstein.....	Brooklyn, N. Y.
Neil Sheldon Buckholtz.....	University Heights

\* Two degrees

Gary Ray Burleson..... Portsmouth  
 Ruth Anne Cardwell (cum laude)..... Ironton  
 Michael James Chakeres..... Washington C. H.  
 Arnold Mathew Chonko (cum laude)..... Parma  
 Robert H. Ciralsky..... Toledo  
 Donald Robert Cooney..... Zanesville  
 Phillip Stanley Copp..... Dayton  
 Ned Peter Cost..... Euclid  
 John Erwin Damuth (with Distinction in Geology)..... Dayton  
 Burgess James Davis..... Gahanna  
 Kenneth Arthur Devor..... Columbus  
 James Marvin DeZelar..... Norwalk  
 David Bruce Disbennett..... Worthington  
 Ronald Owen Dixon..... Dayton  
 James Michael Donley..... Columbus  
 Richard Howard Dormire..... Sidney  
 Janice Karwoski Dummyer..... Lindsey  
 David Scatterday Dyke..... Carrollton  
 Thomas Gharet Ebner..... Lafayette  
 John David Edwards (with Distinction in Psychology)..... Columbus  
 James Homer Engle..... South Vienna  
 Kriseda Rae Esbenshade..... Ashland  
 William Henry Falor..... Akron  
 Jeffrey James Fierra..... Cleveland  
 William Bernard Finan..... Hamilton  
 Michael David Fine..... Cleveland  
 Stanley Clinton Flynn..... Hopewell  
 Robert William Fowler..... Xenia  
 Susan Elinor Fowler..... Madison  
 George Gaynor Franz..... New Philadelphia  
 John Price Fundersol..... Ironton  
 Richard Edwin Gale..... Canal Winchester  
 James Gibson Gamble..... Akron  
 Bruce Craig Ganas..... Bedford  
 Martin Andrew Garcia..... Massillon  
 Philip Charles Gardner..... Trenton, N. J.  
 Thomas K. Garver..... Marion  
 Gary Lewis Giammarco..... Steubenville  
 Lawrence Allen Gill..... University Heights  
 Richard LaVerne Goode..... Columbus  
 James Bostwick Gordon..... Canton  
 James Curtis Gribble..... New Philadelphia  
 Peter Grotuss..... Springfield  
 Ellen Jane Gruver..... Columbus  
 Ronald Gene Gunderman..... Cleveland  
 Edward Evans Hahn..... Warren  
 Douglas Fleming Hale..... Columbus  
 Bruce Richard Halliday..... Wilmington  
 Anita Louise Harwick..... Columbus  
 Willard Dwight Haverland..... Montrose, Colo.  
 Lewis Charles Hecht (cum laude)..... Richmond, Va.  
 Barry Jay Heckelman..... Commack, N. Y.  
 William Wesley Henderson..... Lockland  
 Steven Randall Herbert..... Good Hope  
 Edward Alan Heusch..... Kettering  
 Jacqueline Ann Hinsley..... Kennett Square, Pa.

Deborah Wyker Hoster.....	Columbus
Carl Leonidas Housmyer.....	Columbus
Mark Stephen Hross.....	Massillon
Nancy Jean Isner.....	Columbus
Oleh Ihor Jacykewycz.....	Canton
Kent Lewis Jones.....	Columbus
Phillip Raymond Jones.....	Waverly
Joyce Lewis Julius.....	Willoughby
Paul Phillip Jurusik.....	Elmira Heights, N. Y.
Robert Harold Kasik.....	Maple Heights
Kenneth Edward Kley.....	Dayton
Thomas Edward Knuff.....	Cleveland
Richard Arthur Laitinen.....	Jefferson
John K. Lauber.....	Archbold
Robert Crile Lebold.....	Columbus
Michael Kilin Lee.....	Honolulu, Hawaii
Joseph Michael Leonard.....	Lima
Charles Levin.....	Harrington Park, N. J.
Sheldon Raphael Levin.....	Cleveland Heights
David Alan Lipp.....	Columbus
Janis Byrd Luce (cum laude).....	Bellefontaine
James Leo Mackin.....	Columbus
Dale Jonathan Maczka.....	Independence
Molly Ailene Maidlow.....	Columbus
Richard Francis Martin.....	Maple Heights
Sharon Pauline Marzluf (cum laude).....	Columbus
Robert Fletcher Mathis (cum laude).....	Columbus
Denby Schuyler Matthews.....	Cuyahoga Falls
Roy Barnard McCauley III.....	Worthington
Charles Wade McCluggage.....	Waverly
Frederick Michael McNamee.....	Racine, Pa.
William Michael McQuade.....	Mansfield
Vincent James Mercurio.....	Columbus
Susanna Mather Meyer.....	Bridgeport
Donald John Moody.....	Barberton
James Haller Moor.....	Columbus
Phillip LeRoy Morr (cum laude).....	Delta
George Christopher Myers.....	Logan
George Wilson Naylor.....	Washington C. H.
George Emil Neuman.....	Cincinnati
Frank David Ohler.....	Toledo
Michael Julius Orlett.....	Portsmouth
Erich Pacht.....	Columbus
Donald John Palenshus.....	Bucyrus
Ronald Joe Palenshus.....	Bucyrus
Barbara Sue Parish.....	Huron
Richard Bernard Peltz.....	Cleveland
George Patrick Pettit.....	Piketon
Damon Dale Phelps.....	Milford Center
Audra Starcher Phillips.....	Charleston, W. Va.
Lois Ann Polsley.....	North Lewisburg
Susan Payne Porterfield (summa cum laude).....	Worthington
John Fredric Randall.....	West Carrollton
Leslie Gordon Rauch.....	San Dimas, Calif.
James Carroll Rawers.....	Dayton
Peter Joachim Reichl.....	Cleveland Heights



Robert Gale Reiheld.....Orrville  
 James Lowell Reinglass.....Canton  
 Robert David Reynolds.....Mansfield  
 Carlton David Rhoades.....Columbus  
 Teddy Michael Richardson.....Middletown  
 Charles Nelson Ricketts.....Springfield  
 John Joseph Ritenour, Jr.....Xenia  
 Susan Gail Ritman.....Chicago, Ill.  
 Richard Merle Ritter.....Wooster  
 David Russell Robinson.....Worthington  
 Paul Harold Roepke.....Nankin  
 Raymond Mervin Roop.....Columbus  
 Jack Dallas Root.....Avon  
 Maurice Rotner.....Cleveland Heights  
 David Arthur Ruckman.....Cuyahoga Falls  
 John Francis Rudge, B.A. (College of Wooster).....East Palestine  
 Ronald Alan Ruhl.....Covington  
 Denis Eugene Rumbaugh.....Ashland  
 Mitchell Allen Russ.....University Heights  
 Ignatius Louis Russo.....Shaker Heights  
 William Robert Sadler, B.Sc. in Edu.....Bay Village  
 Ronald Lee Schlitzer.....Rochester, N. Y.  
 Lawrence Gregory Schneider.....Kenton  
 Joseph Lee Scott.....Urbana  
 Carl James Seliskar (cum laude).....Middlefield  
 Ronald Lee Sellers.....Lancaster  
 Carl Edwin Sharp.....Carey  
 August Shima.....Santa Monica, Calif.  
 Marc Brian Shlachter.....Cleveland  
 Donald Joseph Smeltzer (cum laude).....Columbus  
 James Bradley Smith.....Toledo  
 Thomas Franklin Soroka.....Cleveland  
 John Oliver Sparks.....Hamilton  
 Carl Alan Spatar.....Mansfield  
 Carol Kay Stanfield (summa cum laude and with Distinction  
 in Chemistry).....Sebring  
 David Lee Stephens.....Marysville  
 Benjamin Wade Stevens.....Galion  
 Larry Eugene Stevens.....Pelham, N. H.  
 Charles Leo Stewart.....Columbus  
 Dwight Raymond Stickney.....Cleveland  
 Stephen Andrew Stolec.....Lorain  
 Deborah Jane Strong.....Loudonville  
 Roger Koontz Stuart.....Arlington, Va.  
 Daniel Eric Stump.....Sheffield Lake  
 Andrew William Tarian.....Bedford Heights  
 Robert Leroy Taylor.....Cambridge  
 John Stephen Tecklenberg.....Lima  
 James Eugene Thomas.....Norton Village  
 Thomas Galer Thompson.....Cleveland  
 Stephen George Tilley (cum laude and with Distinction in Zoology)  
 Columbus  
 Thomas Robert Tucker.....Georgetown  
 Jon Howard Tuttle.....Columbus  
 Daniel Jay Watts (summa cum laude and with Distinction  
 in Chemistry).....Greenwich  
 David Rohde White.....Sandusky

Julia Anna White.....	Kettering
James Wilson.....	Stow
James Clark Wilson.....	Urbana
Jack Barton Witherspoon.....	Washington C. H.
Nicholas Yonclas.....	Delhi, N. Y.
Randall Keith Ziegler.....	Zanesville
Andrew Alexander Zwarun.....	Cleveland

(One hundred and ninety-six candidates)

### Bachelor of Science in Medical Technology

Ellen Exline.....	Columbus
Cheryll Lee Frankenfeld.....	Van Buren
Marcia Helen Hardy.....	Columbus
Clarice Jeanne Jones.....	Newark
Jane Louise Lackey.....	Chagrin Falls
Rita Anne Lawyer.....	Zanesville
Natalie Riddle Lief.....	Youngstown
Phyllis Ann Meyer.....	Leipsic
Glenda Ilene Novak.....	Atlanta, Ga.
Barbara Stevens Osgood.....	Columbus
Carol Ann Petras.....	Elyria
Ann Riley.....	Syracuse, N. Y.
Catherine Ann Riley.....	Cleveland
Bonnie Lynne Schultz.....	Dayton
Karen Lynn Shelton (cum laude).....	Columbus
Janice Lea Warshafsky (cum laude).....	St. Louis, Mo.
Adelle Sue Weinberg.....	Cleveland Heights

(Seventeen candidates)

### Bachelor of Science in Physical Therapy

Lee Charlotte Becker.....	Metuchen, N. J.
Julie Nan Bird.....	Worthington
Susan Kaye Blinn.....	Columbus
Jane Ellen Cade.....	Cincinnati
Paulette Lueree Chester.....	North Canton
Clifford Murray Eldredge.....	Ashtabula
Kay Beth Frankforter.....	Maumee
Alice Virginia Gillette.....	Akron
Marjorie Jean Gooding.....	Gnadenhutten
Robert Roy Grabill.....	Columbus
Mary Carolyn Gray.....	Prospect
Shirley Ann Hale.....	Hilliard
Brenda Lynn Hellekson.....	Chagrin Falls
Mary Shutt Helvoigt.....	Shanesville
Leann Irene Hicks.....	Fredericktown
Julia Jean Hinton.....	Mt. Sterling
John Richard Homlar.....	Toledo
Vicki Mae Komito (cum laude).....	Cleveland Heights
Betty Jean Kymer (cum laude).....	Mt. Vernon
Linda Jane Liggitt.....	Springfield
Joanne Renee Lindsey (summa cum laude).....	Cleveland
Janet Louise McGreevey.....	Cincinnati
Maria Elena Puig.....	Marion

Rebecca Black Reynolds.....	Mansfield
Patricia Lynn Roberts.....	Berwyn, Ill.
David Allen Rohe.....	Gallipolis
Bonnie Lee Varga.....	Columbus
Thomas Edward Wood.....	Sandusky

(Twenty-eight candidates)

## SCHOOL OF JOURNALISM

### Bachelor of Arts

Michael Ladd Alexander.....	Sandusky
Linda Horsfall Bell.....	Avon Lake
Janet Eileen Duncan.....	Northfield
Joan Zimmerman Garver.....	Fostoria
Thomas Huffman Gaumer.....	Marysville
Pamela Jean Hollister.....	Bay Village
David Allen Jones.....	Avon Lake
Howard Gary Kaplansky.....	Cleveland
Linda Carol Katz.....	Cleveland Heights
John Aloysius MacDonald.....	Columbus
Allan Wallace Miller.....	Youngstown
Maribelle Murray.....	Wellington
Leslie Louise Ruggles.....	Cuyahoga Falls
Larry Lee Rummell.....	Columbus
Timothy Daly Smith.....	Cincinnati
Richard Eugene Stober.....	Shelby
Sandra Marlene Weisbrod.....	Canton

(Seventeen candidates)

## SCHOOL OF OPTOMETRY

### Bachelor of Science in Optometry

James George Adams.....	Coshocton
Bernard Oscar Bloom, Jr.....	Hallandale, Fla.
Thomas Hance Booth, A.B. (Miami University).....	Oxford
Wayne Herbert Collier.....	Bellevue
Gerald Lynn Collins, B.S. (Otterbein College).....	Mt. Orab
John Richard Collins.....	Dayton
James Louis Cook, Jr.....	Ebensburg, Pa.
Robert Zane Davis, B.S. (University of Cincinnati).....	Cincinnati
Thomas Edward Fifick, B.Sc.....	Canfield
Robert Charles Fleischer.....	Columbus
Stephen Joseph Grady.....	Chillicothe
Richard John Herr.....	North Ridgeville
James David Hughes, B.S. (Ohio University).....	Athens
Thomas Lemoyne Michelli.....	Cadiz
Jerry Lee Neely.....	Antwerp
James Raymond Pearl.....	Bedford
Richard Manus Peters, B.S. in Bus.Adm. (University of California at Los Angeles).....	University Heights
Thomas Glenn Ruh.....	Sandusky

John Paul Schoessler.....Kent  
 William Oscar Schuller, Jr.....Cleveland  
 Philip William Valentine.....Sidney  
 Robert Dean Wells.....Cambridge  
 Ralph Edgar Williams.....Seaman  
 Charles Vernon Wood, B.S. (Ohio University).....Ironton  
 Donald Eugene Yelensky, B.M.E. (General Motors Institute)....Vermilion  
 Thomas Wierman Young.....Shaker Heights

(Twenty-six candidates)

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. McCoy

## Bachelor of Science in Business Administration

Anthony Martin Anastasi.....	Springfield
Thomas L. Anderson.....	Orrville
Faye Kildow Austin (summa cum laude).....	Galion
Phillip Heston Barrett.....	Delaware
Gary Lee Baxter.....	Euclid
Gary William Bayer.....	Mt. Gilead
Fredrick Ernest Beecher.....	Reynoldsburg
Ralph Anderson Bennett.....	Sparks, Ga.
Robert Jerome Berk.....	University Heights
Stuart Melvyn Berkowitz.....	University Heights
Paul Robert Bishop.....	Louisville
Kenneth Robert Boiarsky.....	Louisville, Ky.
Bernard Georges Boiston.....	Columbus
Leslie Lee Brandon.....	Versailles
Donald Harold Brinkman.....	Lima
Joel Adams Brown.....	Columbus
Linda Raye Brown.....	Elyria
William James Buckley.....	Worthington
Robert Kenneth Burkhardt.....	Columbus
William Bruce Burns.....	Delaware
John Philip Buttress.....	Columbus
Gene Matthew Carr.....	Martins Ferry
Nina Ross Chase.....	Columbus
David Lee Chilcote.....	Columbus
Philip Jay Cockerill.....	Columbus
Martin Robert Cohen.....	Lawrence, N. Y.
Richard Daniel Conley.....	Canton
Richard Lee Conner (cum laude).....	Newark
Jerry Douglas Cotterman.....	Newark
Gary Richard Court.....	Galion
Dale Anthony Crawford.....	New York, N. Y.
Robert Charles Cybulski.....	Cleveland Heights
Robert Paul Day.....	Vermilion
Richard Desich.....	Lorain
David Michael Deutsch.....	Dayton
Christopher Hall DeVilling.....	Marion
Phillip Allan Doerfler.....	Worthington
Douglas Taylor Eberhart.....	Hilliard
Donald David Edwards.....	Columbus
Erie Elaine Estorge.....	Houston, Tex.
John Manville Falkenberg, Jr.....	Westerville
Gary Alan Fate.....	Columbus
Thomas William Federle.....	Cincinnati
Richard Lee Filbrun.....	Troy
Thomas Edward Fletcher.....	Columbus
Charles Bernard Florio.....	Columbus
Lawrence Royden Ford.....	Columbus
James Thomas Fordyce.....	Columbus
William Ramsey Forrester.....	Lakewood
Glen William Fouss.....	Elyria

Sondra Rae Fridley.....	Piqua
Stephen Susumu Fugita (cum laude).....	Kirtland
Gary Stephen Gall.....	Lakewood
Donald Edward Garlikov.....	Dayton
Charles Albert Getzendiner.....	Cleveland
Aristides George Gianakopoulos, B.A.....	Springfield
Gary Allan Glass.....	Bay Village
Alan Richard Goldberg.....	Paterson, N. J.
Charles Louis Gordon.....	Fayetteville, N. Y.
Michael Gehres Gould.....	Columbus
James Burdette Gray.....	Ostrander
Walter Clyde Griffith.....	Columbus
Barbara Joyce Gross.....	Wheeling, W. Va.
Theodore Lewis Guyton.....	Columbus
Karen West Hagler.....	Columbus
Jerry Lee Hainen.....	Findlay
William Floyd Hall.....	Ironton
Gael Ann Hallahan.....	Bay Village
Richard Daniel Halterman.....	Columbus
James Sheridan Hamilton.....	Batavia
John Floyd Harkins.....	Milan
Michael Dean Harris.....	Bay Village
Anthony Joseph Hartman.....	Westlake
Robert Depew Head.....	Columbus
*Harvey Allen Heikel.....	Parma
James Lynn Hendrickson.....	Columbus
William Dennis Hirneise.....	Lima
Michael Davis Holden.....	Columbus
Kenneth Williams Hollman, Jr.....	Saint Marys
Richard Michael Hudacko.....	Cleveland
Charles Owen Hull, Jr.....	Springfield
Charles Truman Hurley.....	Parma
Robert Anthony Hyest.....	Flushing
Patrick Edward Hynes.....	North Olmsted
Wallace Sheldon Hysell.....	Columbus
Robert Paul Igelman.....	Gahanna
John Roger Jackson.....	Maplewood
Thomas Gary Jenkins.....	Dayton
Albert Ramey Jester.....	Columbus
Gordon Jones, Jr.....	Columbus
David Monroe Kahler.....	Sandusky
Colman Hirsh Kahn.....	Columbus
William Michael Kasch.....	Dayton
Franklin Eiferman Kass.....	Columbus
Gerald Stephen Kasunic.....	Willowick
Ned Duane Kavanagh.....	Columbus
David Merrill Keeler.....	Columbus
Charles John Kegler (summa cum laude).....	Columbus
John Keith Kingsley.....	Alliance
Jackson Alexander Kirk, Jr.....	Warren, Pa.
James Harper Kline, Jr.....	Glenmont
John Gilbert Knedler.....	Washington C. H.
Ernest Leslie Konnyu.....	St. Louis, Mo.
Stanley Ronald Label.....	Youngstown
Robert Charles Lafkas.....	Cincinnati
John Francis Lambert.....	Columbus

\* Two degrees

Edward Glenn Lazur.....Fairborn  
 John David Lee.....Upper Sandusky  
 Fred Edwin Linville.....Columbus  
 Terry Lee Lloyd.....Roseville  
 Chester Max Lowe.....Delaware  
 Arthur Florian Luczak.....Columbus  
 Leonard Neil Lurie.....Shaker Heights  
 John Charles Lynch.....Zanesville  
 Dennis Allan Mart.....University Heights  
 Brian Lee Masony.....Fairview Park  
 Dwight David Mathias.....Dundee  
 William Hall McCue, Jr.....Cuyahoga Falls  
 Robert Beaver Mertie.....Columbus  
 Charles Meshberg.....Brooklyn, N. Y.  
 David Edward Miller.....Canal Winchester  
 Murray Stillman Miller.....Clyde  
 Nicholas Edward Miller.....Elida  
 Roman Bohdan Miskewycz.....Cleveland  
 John Randolph Mohn.....St. Petersburg, Fla.  
 Reza Moinpour.....Teheran, Iran  
 Roger Lyle Moore.....Belpre  
 James William Mossbarger.....Piketon  
 Joseph Irvin Mulheim.....Dayton  
 Barbara Jean Oliver.....Columbus  
 John Nash Paterson.....Canton  
 Robert Frederick Penn.....Shadyside  
 Thomas Henry Perdue.....Columbus  
 Judson Wesley Perkins, Jr.....La Jolla, Calif.  
 Douglas Scott Peters.....Columbus  
 David Riley Pitts.....St. Marys, W. Va.  
 Sheldon Sanford Polish.....University Heights  
 Paul LeRoy Reebel.....Shaker Heights  
 Marvin James Riley.....Troy  
 Martha Axner Rosenfield.....Barberton  
 Ronald Lee Rosenfield.....Cleveland  
 Frederick Sheldon Ross.....Great Neck, N. Y.  
 Larry Joseph Rufin.....Louisville  
 John Jacob Ruhe.....Ottawa  
 Richard Ralph Ruhl.....Crestline  
 Philip Myers Sanson.....Cleveland  
 Donald Sbrocco.....Euclid  
 William Harry Schecter.....Parma Heights  
 John Jefferson Schiff, Jr.....Cincinnati  
 Dennis Duane Schiffel.....Mansfield  
 James Michael Schneid.....Westlake  
 Michele Ann Schnelle.....Minster  
 Randall Lee Schultz.....Lorain  
 Gretchen Rae Seitz.....Lima  
 James Cleveland Shaffer.....Gahanna  
 Frank Patrick Shea.....Columbus  
 Donald Michael Sheehy.....Columbus  
 Myron Stuart Shlachter.....University Heights  
 Lewis Edward Shumaker.....Canal Winchester  
 Harvey Bruce Siegelman.....Columbus  
 Stephen Andrew Silbaugh.....Columbus  
 George Sladoje.....Cadiz

Lester Harvey Slobin.....	Columbus
Robert Raymond Snyder.....	Bellefontaine
Stephen Howard Snyder.....	Columbus
John Thomas Staley.....	Columbus
David Louis Steffy.....	Columbus
George Blayne Stringer.....	Hopedale
George Norris Stultz.....	Findlay
Anthony Philip Susi.....	Columbus
Ira Frederick Sutton.....	Columbus
Paul Jonathan Swentzel.....	Bay Village
*Robert Morris Taylor (cum laude).....	Columbus
Donald Bruce Todd.....	Dayton
James Terry Tolerton.....	Alliance
Antonio Torres.....	Columbus
Charles Fredrick Trimbach.....	Dayton
Wilbur Edward Ulrich.....	Ridgeway
Bruce Emil Underhill.....	Columbus
Jerry Gene Van Mason.....	Montpelier
David Walter Vogel (cum laude).....	Upper Sandusky
Carl Gotfried Von Allman.....	Columbus
Orville Charles Walker, Jr.....	Seville
Paul Michael Warsaw.....	Portsmouth
Phillip Michael Watts.....	North Canton
Ralph Howard Weiskopf.....	Cleveland
David Ignatz Weiss.....	Cleveland Heights
Nancy Alice Weston.....	Bedford
David Benjamin White, Jr.....	Cuyahoga Falls
Daniel Edward Wieder.....	Shaker Heights
Jerry Kwentin Williams.....	Columbus
Roger Craig Williams.....	Troy
Ernest Lee Wilson.....	Smithville
Joseph Marion Winski.....	Dillonvale
Carol Frances Witten.....	Beverly
John Francis Worch.....	Columbus
Richard Albert Yoss.....	Woodsfield
Douglas Kent Zimmerman.....	Centerville
Stephen Zsoldos.....	Columbus

(One hundred ninety-nine candidates)

## SCHOOL OF SOCIAL WORK

### Bachelor of Science in Social Welfare

Judith Ann Appel.....	Cleveland
Sylvia Aronson.....	Evanston, Ill.
Esther Louella Clark.....	Springfield
Johnena Jane Cochran.....	Columbus
Virginia Ann Cunningham.....	Columbus
Kahlila Tymous Davenport.....	Washington, D. C.
Barbara Ellen Horowitz.....	Baldwin, N. Y.
Carolyn Burch Jones.....	Fostoria
Sandra Lee Katz.....	Columbus
Constance Lee Kepler.....	Dayton
Carol Diane Levitzky.....	Long Beach, N. Y.

\* Two degrees



Mary Boileau Lownie.....Columbus  
 Grace Packer Mathison.....Hilliard  
 Hope Marie McLain.....Delaware  
 John Edward Meermans.....Greenwich  
 Robert Huntington More.....Painesville  
 Ryland Hubert Mullins.....Columbus  
 Enid May Myers.....Cleveland Heights  
 Kathlene Marie Nickol.....Cincinnati  
 Ksenia Sophia Olesnycka.....Jamesburg, N. J.  
 Kathleen Marie Palguta.....Cleveland Heights  
 Darleen Lois Shearer.....Burbank  
 Joan Ellen Simpson.....Newark  
 Ruth Lee Weinstein.....Cincinnati  
 Judith Ann Welsh.....Columbus  
 Rosemary Wherry.....Denver, Colo.  
 Sue Ann White.....Lancaster  
 Robert Jerome Zuercher.....Lima

(Twenty-eight candidates)

# COLLEGE OF DENTISTRY

Dean: JOHN R. WILSON

## Doctor of Dental Surgery

Louis Joseph Altomare, B.Sc.....	Leetonia
Roger D. Amstutz.....	Wadsworth
Joseph Barry Appelbaum.....	Canton
Robert Elliott Bancroft, B.A. (University of Utah).....	Westerville
Michael Stanley Barnett.....	Watertown, N. Y.
Michael Wilbur Bertz.....	Cadiz
George LeRoy Blum.....	Bucyrus
Jack Dennis Bolinski.....	Elyria
James Charles Borchers, B.A., B.S. (Otterbein College).....	Vandalia
Louis George Bourekis, B.A.....	Warren
Richard Carl Brigleb.....	Perry
William Charles Brokaw.....	Utica
David Gray Brunner, B.S. (Denison University).....	Mansfield
Jerry Tyler Bulford, B.Sc. in Bus.Adm.....	Columbus
Richard Alan Caldwell, A.B. (Ohio University).....	Gallipolis
Frederick Leroy Camp.....	West Salem
William Hubbard Carter.....	Elyria
Dante John Cherubini, Jr.....	Columbus
Richard Lambert Chociej.....	Steubenville
Melvin S. Collin, B.Sc.....	Cincinnati
Lee Pierce Coppess.....	Monroe
Richard William Corbin.....	Barnesville
Chester Corbitt, B.Sc. in Phys.Ther.....	Portsmouth
John Christopher Crawford.....	Lima
Joe Morton Creel.....	Coral Gables, Fla.
Max Crigger.....	Cincinnati
Kenneth Haldane Cunin, B.S. (Mount Union College).....	Columbus
Donald Arthur Dean, B.A. (Manchester College).....	Dayton
Donald Edward Demkee, B.S. (University of Akron).....	Barberton
*John Dee Dickerson.....	Columbus
J. Barton Didrick, B.Sc.....	Grover Hill
Lawrence Wesley Dixon, Jr., B.S. (Kent State University).....	Kent
Richard Howard Dormire.....	Sidney
Patrick Corcoran Ebert.....	Norwalk
Byron Gerald Epley (cum laude).....	Dayton
Maynard Allen Faris, B.S. in Edu. (Miami University) (cum laude)	Wilmington
Daniel Raymond Fiehrer.....	Hamilton
Jack Merlin Fike, B.S. (University of Toledo).....	Toledo
John Wesley Fischer, B.A. (Ohio Wesleyan University) (summa cum laude).....	Cincinnati
James Walter Freeman.....	Delaware
Spencer Leland Fried.....	Cleveland Heights
Bernard Lee Friedman, B.Sc.....	Canton
David James Fulton, A.B. (Miami University) (cum laude).....	Parma
Ralph Edwin Gallimore, B.Sc.....	Mt. Orab
John Francis Geletka.....	Campbell
Robert William Gleason.....	Ravenna
Nicholas Michael Gormas.....	Columbus
Karl Grossman, Jr., A.B. (Wittenberg University).....	Greenville
Francis Thomas Hagman.....	Columbus

\* Two degrees

John Bigelow Hartman.....Bryan  
 James Marion Hawkins, Jr., B.A.....Springfield  
 Paul Eugene Holwadel, B.S. (Ohio University).....Springfield  
 James Kanter.....Cincinnati  
 David Wayne Karg.....Bucyrus  
 Ronald Keilin.....Cincinnati  
 John Lorin Kimberly, B.A. (College of Wooster) (cum laude).....Akron  
 Ronald Coulter King.....Gallipolis  
 James Louis Kloss, A.B. (Western Reserve University).....Warren  
 Byrd Edward Knauber.....Cincinnati  
 Jerry William Krape, B.S. (John Carroll University).....Ashtabula  
 Pete Lagios, B.S. (University of Akron) (summa cum laude).....Akron  
 Albert John Lash, B.S.C. (Ohio University).....Parma  
 Laurence Lazarus.....Cincinnati  
 Jerry Jacob Levy.....Cincinnati  
 Jerold Hayes Lipson.....Toledo  
 Gerry Irwin Loewe, B.S. (University of Cincinnati).....Cincinnati  
 Richard Glenn Longbrake.....Massillon  
 David Lee Mason.....Peebles  
 Robert Darst McKay.....Kettering  
 Edwin Louis Mead, B.A.....Columbus  
 Joseph Randall Meinhardt.....Columbus  
 James Russell Merrill, B.F.A.....Columbus  
 Myles Richard Miller, B.Sc. in Edu.....Columbus  
 William Albert Miller, B.Sc.....Mansfield  
 Raymond James Moga.....Youngstown  
 Thomas Wendell Moorhead.....Portsmouth  
 James Robert Morman.....Toledo  
 James Francis Nicklaus, B.Sc.....Columbus  
 Timothy Fenton Nogle.....Hamilton  
 Carl William Noll.....Columbus  
 Ralph Arthur Oxley, B.S. (Ohio University) (cum laude).....Fremont  
 James George Pagonis, B.S. (Mount Union College).....Alliance  
 Lawrence George Palcesko, B.S. (Baldwin-Wallace College).....Grafton  
 David Richard Pelok.....Defiance  
 Claire Leo Pernsteiner.....Cincinnati  
 Robert Keith Phillipps.....Cincinnati  
 Robert Kemper Reynolds, B.A.....Xenia  
 Charles Finney Rogers.....Cadiz  
 Thomas Edward Rogers, B.A.....Toledo  
 Larry Bernard Rose.....West Carrollton  
 Wesley Brooks Rosenthal.....Columbus  
 Lawrence Allen Roska.....Canton  
 Thomas Neth Ryan, B.A.....Columbus  
 Timothy Michael Ryan, B.S. (Fenn College).....Painesville  
 Richard Paul Sabroske.....Fremont  
 Robert William Schmidt, Jr., B.Sc.....Parma Heights  
 William Gregory Schneider, B.S. (Xavier University).....Trenton  
 Barry Ivan Schwartz.....Cincinnati  
 Lawrence Michael Shell.....Columbus  
 Wayne Billings Shepherd II.....Cincinnati  
 Philip Marvin Showalter, B.A. (Blackburn College, Illinois).....Dayton  
 Lloyd Don Shumaker, B.Sc.....Seville  
 Robert Ivan Sloan.....University Heights  
 Dennis Lawrence Smedley.....Barberton  
 Robert Louis Speer, Jr., B.S. (Mount Union College).....Alliance

Eugene Willis Spencer, B.Sc. in Bus.Adm.....	Dayton
Charles Harvey Spragg, Jr. (cum laude).....	Adena
Gary Arthur Stanton.....	Piqua
James Franklin Steiner.....	Lima
Thomas Eugene Stungis (cum laude).....	Powhatan Point
William John Sweeney.....	Youngstown
Michael Raymond Tinkler (cum laude).....	Piqua
John Michael Traul, B.A. (Ohio Wesleyan University).....	Bellefontaine
Larry Lee Venham.....	Columbus
Dale Brookins Wade.....	Columbus
William Jeffrey Walker.....	Mt. Vernon
James Downer Weaver (cum laude).....	Findlay
Jerry Lynn Whitacre.....	Columbus
Wesley William Whitmyer, B.A. (Ohio Wesleyan University) ; B.Sc. in Phar.	Canton
Wayne Richard Wiley.....	Mentor
William Honnold Wiley.....	Celina
Eugene Harry Williamson, B.S. (Heidelberg College).....	Tiffin
Jackson Edward Winters, B.A. (Ohio Wesleyan University).....	Bucyrus
Jay Randall Worch, B.S., B.S. (Capital University).....	Columbus
Gordon Lee Wright.....	Fairborn
Kenneth Adams Yarnell, B.Sc. in Bus.Adm.....	Columbus
Louis Lacy Young (cum laude).....	Cincinnati
Daniel Lance Zidel, B.Sc.....	Dayton
Thomas Frederick Ziegler (cum laude).....	Cincinnati
Mario Carl Zocchi.....	Lorain

(One hundred and thirty candidates)

#### Certificate of Graduate Dental Hygienist

Carol Jean Baki.....	Mansfield
Patricia Ann Berry.....	Oregon
Kathleen Ann Bertram.....	Cincinnati
Betty Lee Brander.....	Kettering
Mary Hannah Brestel.....	Cincinnati
Janet Lynn Brunk.....	Lima
Janet Ruth Burley.....	Columbus
Kathleen Mary Casey.....	Marion
Donna Lee Casmar.....	Akron
†Ann Gordon Christian.....	Worthington
Diantha Chandler Clarkson.....	Dayton
Margaret Marvene Corder.....	Columbus
Molly Nancy Corwin.....	Lebanon
Martha Louise Dillencourt.....	Dayton
Marilyn Ruth Dodds.....	Euclid
†Paula Sue Eisen.....	Highland Park, Ill.
Janis Bloom Eldredge.....	Ashtabula
Mary Anna Feick.....	Sandusky
Joyce Springer Gates.....	Amherst
Cheryl Patricia Gebhart.....	Cincinnati
Sharon Ann Gleadall.....	Dayton
Nondas Jeanne Griffith.....	North Baltimore
†Lynne Joy Grundstein.....	Columbus
Joann June Hagedorn, A.B. (Capital University).....	Oregon
Susan Elaine Hannaford.....	Greenfield
Barbara Jo Harper.....	Wellston

† Degree and certificate

Sandra Sue Hetrick.....	Fremont
Joyce Anne Hilgendorf.....	Clearwater, Fla.
Judith Harriet Hirsch.....	Shaker Heights
Charlotte Betty-Jo Hoeb.....	Terrace Park
Barbara Ann Hoehn.....	Mansfield
Sandra Lee Hoyer.....	Cincinnati
Gail Kathy Johnson.....	Parma Heights
†Eleanor Ann Johnston.....	Worthington
Sandra Mae Kaplan.....	Dayton
Linda Dew Kendall.....	Columbus
Linda Lee Kenner.....	Dayton
†Judith Ann Klutch.....	Warren
Nancy Elaine Levi.....	Dayton
Joan Margaret Lindow.....	Cleveland
Joan Marie Lorenz.....	Columbus
Nora Edith Ludwick.....	Dayton
†Saundra Jean Marini.....	Steubenville
Mary Smith McManis.....	Euclid
Bonnie Beth McPherson.....	Mansfield
Darlene Ann Melsop.....	Columbus
Barbara Janet Messina.....	Cleveland
Paula Marguerite Mikusa.....	Columbus
Nancy Jean Morason.....	Toledo
Julia Harrison Murdock.....	Columbus
Constance Roberts Overly.....	Richwood
Lynda Lee Patterson.....	Galion
Linda Mary Pfleger.....	Swanton
Susan Walker Pike.....	Circleville
†Beverly Jean Piloseno.....	Toledo
Vicky Maxine Pozar.....	Mentor
Sandra Lee Ratica.....	Cleveland
†Karen Judith Roe.....	Cincinnati
Sandra Ruth Ross.....	Huron
Rita Jo Rubin.....	Cincinnati
Marlene Ann Schafer.....	Dayton
Carole Ann Schmid.....	Westlake
†Polly Ann Schmid.....	Salem
Jacqueline Ann Shroats.....	Marion
Judith Ann Smith.....	North Olmsted
Merrily Ann Tubbs.....	Medina
Pari Arneata Turner.....	Tiffin
Connie Jane Uncapher.....	Marion
Lynn Ann Waters.....	Cincinnati
Kristine Allie Weible.....	Paulding
Cheryl Elizabeth Williams.....	Columbus
Julie Ann Wilson.....	Kettering
Renee Ilene Yarov.....	Youngstown
Rita Marie Zeides.....	Mansfield

(Seventy-four candidates)

† Degree and certificate

# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Karen Jean Ackerman.....	Wooster
Marjorie Sue After.....	Rochester, N. Y.
Thomas Charles Agin.....	Steubenville
Judith Kaye Allen.....	Springfield
Nelson Larry Ambroza.....	Lima
Linda Lou Amick.....	Columbus
Harold Christian Anderson, A.B. (Capital University).....	Lakewood
*Joan Louise Angle.....	Columbus
Lysbeth Jean Arner (summa cum laude).....	Chester, W. Va.
Thomas Eugene Arnholt.....	Loudonville
Judith Lynne Arstein.....	Cleveland Heights
Linda Sharpe Ater.....	Williamsport
Lorna Jean Bailey.....	Lakeside
Nancy Jo Bailey.....	Columbus
Karen Jeanne Baird.....	Delaware
Charles Robert Baker.....	Oakwood
Rodney Jack Ball.....	Chesterland
*Judith Warman Barbour.....	Tallmadge
Dawn Lee Barnes.....	Newark
Ruth Crago Barnett.....	Youngstown
Julia Fay Barnhill.....	Columbus
Judith Ellen Barringer.....	Delaware
Arlene Rochelle Barron.....	South Euclid
Sharon Jean Bartsch.....	Groveport
Linda Kaye Baughman.....	Lancaster
Doris Mae Bauman.....	Rittman
Penelope Ann Bazler.....	Columbus
Margot Rosalie Beatty.....	Cincinnati
Sharon Ann Beck.....	Willard
Eileen Ruth Becker.....	Cleveland Heights
Susan Spaulding Bell.....	Columbus
Virginia Carol Belvo.....	Dayton
Susan Renee Benjamin.....	University Heights
Judith Grigsby Bentz.....	Columbus
John Carleton Berryhill.....	Barnesville
Marla Marie Billing.....	Anna
Anita Louise Black.....	Cadiz
Mary Diane Blake.....	Steubenville
Lester Everet Blanchard.....	Kensington
Linda Diane Bland.....	Columbus
Sandra Kay Board.....	Orrville
Patricia Allman Bonar.....	Vandalia
Roberta Lea Booth.....	Columbus
Mary Brittain Bordner.....	Bryan
*Ronald Allen Borrer.....	Wilmington
Linda Kay Borst.....	Jamestown
Susan Kay Bower.....	Columbus
Janice Lee Boyer.....	Worthington
Lynne Vicki Bravo (summa cum laude).....	Shaker Heights
Sallie Metzger Breakey.....	Columbus

\* Two degrees

Joan Breyer.....Chicago, Ill.  
 Roy Franklin Briegel, B.S. (Capital University).....Lima  
 Barbara Jean Brown.....London  
 Bonnie Marie Brown.....Xenia  
 Fredric Michael Brown (cum laude).....Columbus  
 Karen Elaine Brown.....Columbus  
 Paula Jane Brown.....East Palestine  
 William Joseph Brown.....Martins Ferry  
 Donald Gene Broyles.....Columbus  
 Carol Clark Bruner.....Columbus  
 Diane Elizabeth Burden.....Columbus  
 Judith Louise Burg.....Cleveland  
 Barbara Ellen Burge.....Marengo  
 John Peter Butler, B.S. (Regis College).....Grove City  
 Doris Jean Buys.....Delphos  
 Robert Gerald Buza.....Cleveland  
 Deanne Buckendorff Byerly.....Columbus  
 \*Alan Caldwell.....Cleveland  
 Mary Frances Honda Calhoun.....Youngstown  
 Alice Renua Call.....Marysville  
 Lonny Lee Charles Camomile.....Lima  
 Marie Hensley Campbell.....Columbus  
 Betty Jane Caprino.....Marion  
 David John Carlson.....Cleveland  
 Sandra Sherman Carson.....Galion  
 Sharon E. Caster.....Cleveland  
 Vicki Jane Casto.....Richwood  
 Cynthia Chabek.....Lakewood  
 Rachel Steiner Chadwick.....Upper Sandusky  
 Judith Ann Chalker.....Parma  
 Stefen Rhys Chapman.....Columbus  
 Carl Christoff.....Columbus  
 Barbara Jeanne Clark.....Alexandria, Va.  
 Billie Jean Clark.....Delaware  
 Jack Lewis Clark.....West Unity  
 Susan Kay Clark.....Marion  
 Thomas Dorvin Clary.....Bucyrus  
 Raymond Jay Cline.....Mansfield  
 Mary Ann Clymer.....Findlay  
 Stephen Gilbert Cochran.....Worthington  
 Joseph Frederick Cofer.....Columbus  
 Elinor Ann Cohen.....Dorchester, Mass.  
 Fern Judith Cohen.....Irvington, N. J.  
 Norma Jean Colston.....Columbus  
 Ronnie Gene Combs.....Middletown  
 Maurice Lee Conn.....Grelton  
 Alice Marlin Cooley.....Pittsburgh, Pa.  
 Sharon Ann Coover.....Bellefontaine  
 Richard Craig Cosgrave.....Springfield  
 Sharyn Nancy Cowan.....University Heights  
 Noel Stephen Cowling, B.Sc. in Agr.....Barberton  
 Constance Elaine Craner.....Bucyrus  
 Joseph Ronald Crisafulli.....Cuyahoga Falls  
 Gerald William Crowthers, Jr.....New Philadelphia  
 John Raymond Culbertson.....Westerville  
 Paulette Ballard Culbertson.....Cincinnati

\* Two degrees

Arlene Czere.....Somerset, N. J.  
 Nancy Edwards Dare.....Columbus  
 Mary Palmer Darlington.....Worthington  
 Arthur Darnbrough III.....Gallipolis  
 Martha Sue Dauber.....Rocky River  
 Karen Frederick Davidson.....Alliance  
 Marjory Williams Davis.....Columbus  
 John Frank Day.....Columbus  
 Dennis John DeBlaay.....Cleveland  
 Karen Lois Debolt.....Columbus  
 Donna Marie DeChristopher.....Steubenville  
 Sandra Jane DeMent.....Defiance  
 Gloria Jean DeNardo.....Shadyside  
 Dorothy Estella Dickinson.....Ashville  
 Kay Cotterman Dildine.....Ottawa  
 Joseph Franklin Dinger.....Mansfield  
 Sandra Kay Ditschle.....Columbus  
 \*John Edwin Dodson.....Columbus  
 Richard Lee Doll.....Dayton  
 Rebecca Ross Donovan.....Powell  
 Leo Ernest Dontchos.....Dayton  
 Eugene Edmond Dorr.....Columbus  
 Jeffrey Lynn Drake.....Columbus  
 Vita Valija Draulis.....Conneaut  
 \*Carol Anne Drees.....Columbus  
 John Gary Drummond.....Orient  
 James Cleghorn Druyor.....Continental  
 Judith Duda.....San Antonio, Tex.  
 Laura Jean Dudrow.....Green Springs  
 Edith Duffy (summa cum laude).....Grove City  
 Terence Lee Dunahugh.....Columbus  
 Joe Charles Dunlap.....Mt. Vernon  
 Charles William Dunn.....Wooster  
 Patricia Lynn Duren.....Columbus  
 Herbert Vincent Dutt.....Marion  
 Margaret Ellen Earley.....Dover  
 Roger Thomas Ebersole.....Findlay  
 Yvonne Christine Ebner.....Lima  
 Ruth Elaine Eckman.....Cincinnati  
 Virginia Wright Edmondson.....South Charleston  
 Anita Marie Edwards.....Warren  
 William Charles Eick.....Brewster  
 Sandra Myra Einhorn.....Shaker Heights  
 Lynne Elliott.....Columbus  
 Livia Host Emde.....Rossford  
 Gary Joseph Endrai.....Lorain  
 Marjorie Ann Engelhardt.....Newark, N. J.  
 Sharon Kay Englehart.....Columbus  
 Vicki Lou Erickson.....Akron  
 Barbara Bedford Ervin.....Plainfield, Ill.  
 Alverta Louise Evans.....Jamestown  
 Helen Beatrice Evans.....Columbus  
 Joyce Anne Evans.....Gallipolis  
 Ralph Judson Feasel, Jr.....Sunbury  
 Paul Richard Febo.....Columbus  
 Phillip William Feldmeier.....Columbus

\* Two degrees



Michael Irwin Fenton.....University Heights  
 Mary Ann Fetzek.....Columbus  
 Jean Marie Feyock.....Leetonia  
 Margaret Louise Filipek.....Berea  
 Joyce Elaine Fischer.....Columbus  
 Susan Joyce Fischer.....Cleveland Heights  
 Ann Marie Fischlin.....Cleveland  
 Donna May Fisher.....West Jefferson  
 Margaret Eileen Fisher.....Sunbury  
 Sandra Arlene Fleming.....Medina  
 Tamara Louise Foor.....Pataskala  
 Kenneth Michael Foos.....West Mansfield  
 Richard Dennis Forbes.....Grafton  
 Rachel Eileen Ford.....Columbus  
 Jeffrey Paul Forster.....Columbus  
 Judith Ann Fowler.....Newark  
 Carol Eileen Fox.....Columbus  
 Carol Ann Frank.....Upper Sandusky  
 Curtis LeRoy Frazier.....New Boston  
 Leonard Bernhart Freed, B.A.....Springfield  
 Judith Ann Freeman.....Belmont  
 Myra Natalie Friedberg.....Cleveland  
 \*Deborah Ruth Friedeman.....Cape Coral, Fla.  
 Jenny Frieda Friedlander.....Mobile, Ala.  
 Suzanne Cecelia Friedmann.....Canton  
 Helen Jean Friend.....Enon  
 Nancy Elaine Fullerton.....Kenton  
 Kathryn Marie Fulton.....Columbus  
 Carol Paulette Fundak (cum laude).....Lorain  
 Ronald Eugene Furrow.....Quincy  
 Katherine Toth Ganz, B.A. (Lake Erie College).....Euclid  
 Tyra Saundretta Garlington.....Cincinnati  
 Andrea Lee Garson.....Akron  
 Jane Marie Gaspar.....Hamilton  
 Rebecca Kay Geib.....Columbus  
 Sharon Leslie Gerber.....Milwaukee, Wis.  
 Coralie June Gerlitz.....Springfield  
 Sharon Joyce Gerow.....Arlington, Va.  
 Mary Elizabeth Gheen.....Fairborn  
 Gary Lee Gilmer.....Kings Mills  
 Katherine Dianne Gochnour.....Lorain  
 Charles Lynn Gorsuch.....Celina  
 Sarah Hester Gosnell (cum laude).....Dillonvale  
 Joyce Kaye Gossett.....Belmont  
 Pamela Hamilton Goudy.....Canton  
 James Nelson Gough.....Cleveland  
 Lois Meier Granick.....Columbus  
 \*James Cade Griesheimer.....Londonderry  
 Paul Thomas Griffith, B.A. (College of Wooster).....Dayton  
 Edna Ann Grigg.....Lima  
 Donald Neil Griggs.....Mt. Vernon  
 Dennis Robert Grimm.....Columbus  
 Margy Virginia Grisseau.....Dayton  
 David William Gross.....Mansfield  
 Sandra Charlene Gross.....Anna  
 Diana Clark Grossman.....Columbus

\* Two degrees

Kenneth Richard Grube.....	Hilliard
Sarah Bass Guckenheimer.....	Columbus
*Nancy Ann Haas.....	Parma
Carma Kay Hackenbracht.....	Arcanum
Sharon Irene Haley.....	Columbus
Mary Lynne Hallett.....	Niagara Falls, N. Y.
Charlene Patricia Handon.....	Columbus
Wayne Edward Hannon.....	Wellston
Gerald Robert Harkins.....	Springfield
Janet Lucille Harris.....	Columbus
Patricia Ann Harrison.....	Springfield
Patrick Ryan Harrison.....	Columbus
Judith Pfau Harroff.....	Youngstown
Marcia Linson Hartman.....	Westlake
Dale Thomas Hartney.....	Ashley
Sandra Jean Haudenchild.....	Cuyahoga Falls
*Cynthia Kay Hazel.....	Youngstown
Betty Jean Heimlich.....	Cardington
Sharon Lynn Heskett.....	South Vienna
Nancy Jo Hess.....	Chillicothe
Darlene Rose Hiestand.....	Rossford
Judy Ann Higbea.....	Defiance
James William Higgins.....	Newark
Carol Lee Hilewick.....	Cleveland
Pamela Fumiye Hirashima.....	Cincinnati
Meredith Viola Hittepole.....	Dublin
Nancy Jo Hoffman.....	Columbiana
Jerry Evan Hogan.....	Kettering
Wayne Joseph Homer.....	Cincinnati
Mary Ellen Horine.....	Van Wert
Beverly Ann Horne.....	Dayton
Nancy Lea Hoskinson.....	Thornville
Albert Stanton Hoster.....	Columbus
*Esther Maria Hostettler.....	Columbus
Jean Ann Howell.....	Rocky River
Bill Carol Huckaba.....	Marion
Rebecca Clare Huddle.....	Waverly
Charles William Hunt.....	Hilliard
Charles David Hunter.....	Canton
Mary Ann Iddings.....	Ludlow Falls
Jean Ingles.....	Worthington
Aris Valdis Jende.....	Kingston
David Mark Jenkins.....	Olmsted Falls
Richard Talbott Jenks.....	Jamestown
Jennifer Dix Johnson.....	Elyria
Susan Catherine Johnson.....	Canal Winchester
Carole E. Jolliffe.....	Columbus
Leslie Dale Jones.....	Euclid
Robert William Kaemmerer.....	Columbus
Miriam Jo Kaepfner.....	Urbana
Bonnie Kaye Kanoski.....	Mt. Pleasant
Marilyn Ann Kapel.....	Fargo, N. Dak.
Linda Ann Kast.....	Canton
Rita Jean Kastl.....	Columbus
Karen Sue Kaufman.....	Dayton
Mary Catherine Keller.....	Oak Park, Ill.

\* Two degrees

Shirley Ann Kelley.....	Kingston
*Alan Ray Kennedy.....	Canton
Diane Sue Kennedy.....	Akron
Judith Ann Kerr.....	Columbus
Larry Dale Kershner.....	Fredericktown
Linda Bernsten Kessler.....	Troy
Marilyn Jean Kies.....	Wapakoneta
Kathleen Ann Killworth.....	Bellbrook
Edward Lloyd Kimmey, B.Sc. in Agr.....	Mt. Gilead
Karen Nudd King.....	Worthington
Janet Ellen Kisling.....	Columbus
Ronald Terry Kitchton.....	Columbus
Ellen Ruth Klein.....	Columbus
Mary Ann Kneier.....	Cleveland Heights
Jeanette Marie Knell.....	Bucyrus
Sharon Lee Knoll.....	Columbus
*Jerome Allyn Kopf.....	Canfield
Georgia Ann Krajach.....	Massillon
Judith Ann Kramer.....	Newark
Judith Hall Kramer.....	Cardington
James Frederick Kraner, Jr.....	Columbus
Carol Ann Krinn.....	Marion
Richard Eugene Krohn.....	Fayette
Roger Lee Kronk.....	London
Lawrence David Krumwiede.....	Avon
Shirley Laughman Kucinski.....	Pleasant Hill
Kristine Sue Kullmann.....	Westerville
Joanne Mirijana Kvocka.....	Steubenville
Amy Sue Lamden.....	Dayton
Robert Martin Lanese.....	South Euclid
Dianne Florence Lang.....	Dayton
Geary Henderson Larrick.....	Cambridge
Larry Lee Larson.....	Columbus
Suzanne Barthlow Latshaw.....	Columbus
Hugh Joseph Laughlin, Jr.....	Akron
Joan Kathleen Lauritsen.....	Columbus
June Marie Lawrence.....	Columbus
Carol Anne Lawson.....	Canton
Judith Ann Leichty.....	Findlay
Patricia Schroder Leithe.....	Pemberville
Barbara Marie Lerch.....	Columbus
Rita Zeff Levit.....	Columbus
Donna Jean Lewis.....	Columbus
Linda Ann Lewis.....	Rocky River
Michael Dalley Lewis.....	Hilliard
Susan Beatrice Lewis.....	Columbus
Beverly Jean Liebherr.....	Perrysburg
Louise Erika Lindner.....	Cincinnati
Wendell Raymond Link.....	Toledo
Ilene Rosengarden Lipman.....	Trenton, N. J.
Gary Mitchel Lippert, B.A.....	Wilmington
Ann Elizabeth Llewellyn.....	Chagrin Falls
Deborah Ann Lodge.....	Merritt Island, Fla.
Hilda Clare Loevenhart.....	Akron
Rebecca Rader Lonzo.....	Newark
Elizabeth White Lowdermilk.....	Cuyahoga Falls

\* Two degrees

James Quinn Lynch.....	Fostoria
Barbara Reid Magsig.....	East Fultonham
William Hufford Magsig.....	Dayton
Alan Lee Mahar.....	Springfield
Patti Eis Maidel.....	Newark
Donna Kay Main.....	Lima
Maureen Louise Maloy (cum laude).....	Galion
Susan Lynne Manning.....	Mansfield
Arlene Louise Mara.....	Columbus
Joan Carol Marcuson.....	Longmeadow, Mass.
Donna Mary Maria.....	Garfield Heights
Ruth Kyle Maroscher.....	Columbus
Dick Albert Marshall.....	Dover
Phyllis Carol Mason.....	Columbus
Jean Elizabeth Massie.....	Dover
Lynn Westerburg Mathews.....	Cleveland
Sarah Ellen Mattox.....	Worthington
Edward Michael Maykowski.....	Garfield Heights
Nancy Colgan McCloud.....	Columbus
Judith Kay McConnell.....	Columbus
Diane McCullough.....	Urbana
*Kathryn Sue McDaniel (cum laude).....	Richwood
Georgene Elizabeth McDonald.....	Wyckoff, N. J.
Linda Jean Eakin McFadden.....	Cambridge
Barbara Ann McFarland.....	Mansfield
Barbara Joan McGeorge, B.A.....	Wadsworth
Mary Ruthe McGhee.....	Virginia Beach, Va.
Terry Lee McGuire.....	Columbus
Claudia Lee McIntyre.....	Kent
Bruce Stephen McKirgan.....	Mt. Gilead
Diana Jonas McLaughlin.....	Massillon
Joan Stallard McLean.....	Akron
Ruth McMichael.....	Newark
Mary Ellen McMurray.....	Girard
*Elizabeth Ann McSweeney.....	Columbus
Pamela Ann Meador.....	Cincinnati
Joan Rae Mendenhall.....	Kettering
Barbara Lynn Merrick.....	Middletown
Constance Sue Merrick.....	Columbus
Frederick William Michael.....	Columbus
Thomas Peter Michael.....	Zanesville
Nancy Noel Milam.....	Canton
Jill Kathleen Miller.....	Mansfield
Mary Louise Miller.....	Sharon, Pa.
Michele Mati Miller.....	Cleveland Heights
Pamela Ann Miller.....	Barberton
Robert George Miller.....	Columbus
Robert Thomas Miller.....	St. Marys
Ronald Harold Miller.....	Spencerville
Judith Borneman Minges.....	Cleveland
Donald Alan Mitchell.....	Palisade, Colo.
Mary Karen Moeller (summa cum laude).....	Dayton
Noreen Rochelle Moldoff.....	Dayton
Jo Ann Molinaro.....	Columbus
Mary Katherine Mongold.....	Lynchburg
Nelda Rae Moore.....	Greenville

\* Two degrees

Marylee Porter Morehouse.....	Columbus
Linda Webster Moreland.....	Millersport
Walter Thomas Morgan, Jr.....	Martins Ferry
Clifford Vaughn Morris (cum laude).....	Lockbourne
Rebecca Anne Morse.....	Gahanna
Patricia Ann Mote (cum laude).....	Dayton
Anita Hitchcock Mowery.....	Lima
Marilyn Kimball Mueller (cum laude).....	Lyndhurst
John Hoover Mummey, Jr.....	Painesville
Julia Meredith Munley.....	Canton
John Wallace Murdock II.....	Columbus
Michael Knight Murphy.....	Wilmington
Margaret Ann Myers.....	Ashley
Mary Darlene Myers.....	Crestline
Victoria Ann Nakeff.....	Akron
Andrew Robert Nameth.....	Bellaire
Elaine Karen Nash.....	Shaker Heights
Lydia Ellen Nash (summa cum laude).....	Gallipolis
Kathleen Zorhan Natherson.....	Cleveland
Karen Ann Nemec.....	Bay Village
Carolyn Lee Nichols.....	Columbus
Janet Lee Nicholson.....	Columbus
Karen Jean Nimon.....	Columbus
Ruth Wright Nogle.....	Hamilton
Mary Kay Nolte.....	Hicksville
Larry Robert Ochs.....	Columbus
Stephen Louis O'Keefe.....	Delaware
Mary Sara Oliva.....	Columbus
Barbara Jean Oliver.....	Akron
Millicent Davis Oliver, B.A.....	Jackson
Carolyn Zeitz O'Patry.....	Cleveland
Edward John Orazen.....	Euclid
Linda Birnholtz Orgel.....	Cleveland
Lillian Jean Ostwald.....	Roanoke, Va.
Diana Lynn Oty.....	Columbus
Kenneth Irl Owings.....	Flushing
Lorretta Jane Paananen.....	Geneva
Deborah Page.....	New Castle, N. H.
Albert Louis Papenfus, B.Sc.....	Toledo
Lorraine Jeanette Pardee.....	Salem
Jean Ann Parr (summa cum laude).....	Columbus
Roberta Louise Patton.....	Columbus
Belinda Mae Peaslee.....	Crestline
Frank Mervyn Pees.....	Belle Center
Lloyd William Pellman.....	Sidney
Claudia Kay Perry.....	Marion
James Allen Perry.....	Marion
Mary Ann Peters.....	Lockbourne
Mary Jane Petti.....	South Euclid
Judy Earla Pettibone.....	Fairview Park
Barbara Jean Pfaadt.....	Coshocton
William Roger Pfeil.....	West Jefferson
Carmen Yolanda Pfirrmann.....	Cincinnati
Sandra Kaye Phillips.....	Latty
Robert Eugene Pindell, Jr.....	Columbus
Rosemary Elizabeth Pitstick.....	South Charleston

Jean Marie Pizzoferrato..... Youngstown  
 Janet Louise Polk..... Kettering  
 Thomas George Polo..... Parma  
 Barbara Ann Polokoff..... Paterson, N. J.  
 Patricia Kay Pope..... Lima  
 Alan Floyd Porter..... Elyria  
 Judith Kathryn Pound..... Newark  
 Anastasios Poutakoglou..... Ashland  
 Larry Herbert Powell..... New Philadelphia  
 Susan Kay Powell..... Pataskala  
 Judith Hodges Price..... Delaware  
 Kathleen Elaine Purdy..... Oxford  
 Mary Ann Putre..... Avon Lake  
 Barbara Hackenbracht Racey..... Bellevue  
 Mary Darlene Radabaugh..... St. Marys  
 Robert Pedro Ramos..... Canton  
 Marne Ann Ravely..... Columbus  
 Jimmie Neal Reed..... Baltimore  
 William Herman Resch..... Columbus  
 Brenda Kay Reynolds..... Marion  
 \*Stephen Eugene Reynolds..... Fairborn  
 Carol Gene Richards..... Worthington  
 Roberta Rae Richards..... Willard  
 Ormonde Black Ricketts..... Springfield  
 Margaret Hayhow Rickly..... Bellevue  
 Shirley Ann Riddle..... Columbus  
 Martha Jean Ritenour..... Xenia  
 Olga Darreen Roberson..... Hillsboro  
 David William Roberts..... Jackson  
 Charles Ray Robinson..... Columbus  
 Judith Rodgers..... Steubenville  
 Lynn Karen Rodgers..... Celina  
 Martha Ann Romito..... Bedford  
 Carolyn Rowles Root..... Middletown  
 David Elson Ross (cum laude)..... North Canton  
 Mary Frances Roush..... Lindsey  
 Marty Sonya Royal..... Birmingham, Ala.  
 Karen Nell Rudduck..... Dayton  
 Karen Paula Ruddy..... Toledo  
 Carolyn Jean Ruschau..... Yorkshire  
 Judith Ellen Sable..... Cedarhurst, N. Y.  
 Rosalind Irene Sacharow..... Atlantic City, N. J.  
 \*Susan Ellen Sachs..... Pittsburgh, Pa.  
 Evelyn Marie Sadler..... Lyndhurst  
 Judith Marie Sadowski..... Mansfield  
 Kenneth Eugene Sahl..... Conneaut  
 Carol Ann Sain..... Columbus  
 Dolph David Sand..... Shaker Heights  
 Gary Eugene Sarver..... Bradford  
 \*John Erwin Sauer..... Columbus  
 Rhoda Lynn Savell..... Norwalk, Conn.  
 Floyd Cecil Sayre, B.Sc. in Bus.Adm..... Wilkesville  
 Philip Edgar Scarbrough..... Fredericktown  
 Gretchen Marie Schaal..... Mechanicstown  
 Patricia Ann Schirtzinger..... Columbus  
 Jane Edwards Schlessinger..... Bay Village

\* Two degrees

Jo Ann Schlezinger.....Philadelphia, Pa.  
 Carol Lynne Schlotterbeck.....Cincinnati  
 Marilyn Landon Schofield.....Worthington  
 Sally Jo Schultz.....Wilmington  
 Philip Joe Schumacher.....Tuswarawas  
 Barbara Ellen Schwartz.....Columbus  
 Linda Irma Schwartz.....Cleveland  
 Lorra Hutson Schwartz.....Chagrin Falls  
 James Park Scothorn.....Findlay  
 Jerry Wayne Scott.....West Carrollton  
 Rosemary Angela Scurria.....Beachwood  
 Susan Hunter Secoy.....Troy  
 Sally Fisher Seidler.....Berea  
 Arletta Martin Seidwitz.....Martins Ferry  
 Joan Bennett Seiple.....Columbus  
 Judith Lee Seitz.....Cleveland  
 Ellen Seligman.....Baltimore, Md.  
 Susan Carol Serrott.....Worthington  
 Karen Sue Shaffer.....Bay Village  
 Brenda Russell Sheatsley.....New York, N. Y.  
 Susan Davis Shell.....Columbus  
 Richard Anthony Shemensi.....Martins Ferry  
 Cynthia Louise Sherman.....Columbus  
 Mary Burkhart Shie.....Orrville  
 Samuel Douglas Shie.....Piqua  
 Merle Deborah Shifman.....Canton  
 Doris Teitelbaum Shnider (cum laude).....Dayton  
 Margie Elizabeth Shoaf.....Dublin  
 Geneva Anne Shrontz.....Mt. Vernon  
 Marcia Lefkowitz Sigall.....South Euclid  
 George Steven Sikorski.....Cleveland  
 Betsy Ruth Sinkey (summa cum laude).....Toledo  
 Sandra Arlene Sizemore.....Marion  
 Patricia Ann Smigel.....New Philadelphia  
 Anne Scott Smith.....Kingston  
 Dorothy Candace Smith.....Tulsa, Okla.  
 Edward William Smith.....Piqua  
 Marilyn Jean Smith.....North Hampton  
 Sandra Susan Smith (summa cum laude).....Circleville  
 Susan Gaye Smith.....Englewood  
 Sharon Ann Sneeringer.....Shelby  
 Linda Sue Snively (summa cum laude).....Carrollton  
 Bethany Anne Snoddy.....Wooster  
 Beverly Solove.....Columbus  
 Linda Kay Sommer.....Canton  
 Marcia Elizabeth Southard (summa cum laude).....Springfield  
 Charles Calvin Spence.....Dearborn Heights, Mich.  
 Jane Addleman Spung.....Columbus  
 Harvey Jay Stein.....Cleveland Heights  
 John Edward Steitz.....Columbus  
 Gary Blair Stewart.....Cambridge  
 Marsha Gay Stewart.....Columbus  
 Robert Jay Stewart.....East Liverpool  
 Mary Jane Sayre Stickley.....Sidney  
 Diane Barnett Stone.....Cleveland  
 Betty Parker Straub.....Columbus

Jaelyn Lee Stutz.....Uhrichsville  
 Regis Paul Sullivan, Jr.....Lima  
 George Michael Sunnucks.....Mansfield  
 Marlene Survis.....Pittsburgh, Pa.  
 Edith Reich Swedlow.....Cleveland Heights  
 Charles Carl Szabo, Jr.....Columbus  
 Ann Curry Taylor.....Worthington  
 Mary Ann Michaelis Taylor.....Defiance  
 Kathy Lynn Teaford.....Greenville  
 Jane Swartsberg Teitelbaum.....Columbus  
 Anne Louise Telfair.....Sabina  
 Katherine Cook Teller.....Cincinnati  
 Diane Lee Tenenbaum.....Cleveland  
 Donna Lee Tenenbaum.....University Heights  
 Nancy Lou Tennant.....Ft. Wayne, Ind.  
 Carol Nadine Thall.....Columbus  
 Susan Jane Thompson.....Ironton  
 Gayle Burton Tobey.....Columbus  
 Dolores June Tolin.....Cleveland Heights  
 David Hewitt Toney.....Cedarville  
 Rosemarie Torroni.....Barberton  
 \*Elaine Evelyn Triana.....Cleveland  
 Thomas Joseph Trimbur.....Niles  
 Janet Lynne Tucker (summa cum laude).....Cincinnati  
 Delaina Suzanne Turano.....Ashtabula  
 Charlene Lucille Ulmer (cum laude).....Cincinnati  
 Michael Lee Unger.....Perrysburg  
 Patricia Ann Ury.....Columbus  
 Shirley Ann Van Arsdalen.....Baltimore  
 Thomas Morton Vessels.....New Concord  
 Nancy Jean Vickers.....Columbus  
 Sherry Ann Vincent.....Toledo  
 Ellen Ann Vinocur.....University Heights  
 Charel Lee Vlach.....Cleveland  
 Carol von Haam.....Columbus  
 Barbara Jean Wagamon.....Columbia Station  
 Joan Carol Wagner.....Mansfield  
 Beth Ann Walrath.....Newark  
 Janet Louise Walter.....Lima  
 Allen Lemar Walton.....Upper Sandusky  
 Paula Kaylene Ward.....Fostoria  
 Barbara Jane Warren.....Miami Beach, Fla.  
 Janet Lee Warren.....Worthington  
 Sharen May Washburn.....Jackson  
 Philip Lewis Weinacht.....Cleveland  
 Cynthia Diane Weintz.....Cleveland  
 Beverly Maxine Weisberg.....Cleveland  
 Margaret Anna Weisgarber.....Massillon  
 Ronald Philip Weitzner.....Cleveland  
 Frank Parker Welsh.....Cadiz  
 Dennis Edward Wenger (cum laude).....East Canton  
 Carole Ann Werber.....Springfield  
 Helen Jane Wertz.....Cincinnati  
 Lana Duemmel Wertz.....Columbus  
 Elsiemay Anderson Wetzal.....Columbus  
 Felicity Whedon.....Dayton

\* Two degrees



Bonnie Williams Whittemore.....	Cleveland Heights
Dorothy Lee Wildman.....	Columbus
Edda Myrna Wilensky.....	Brooklyn, N. Y.
Marlene Leola Wilkins.....	Columbus
Ann Leora Williams.....	Athens
Marilyn Margaret Willis.....	Columbus
Patricia Louise Willis.....	Columbus
Richard Allen Willis.....	Washington C. H.
Richard Duane Willis.....	Cambridge
Sandra Sharp Wilson.....	Columbus
Anne Winkelman.....	Grand Rapids, Mich.
Barbara Jean Wise.....	Carey
Melanie Ann Wiseman.....	Columbus
Mary Kay Shaver Withrow.....	Columbus
Diana Lou Wogan.....	Sebring
Nancy Ruth Wolf.....	Corpus Christi, Tex.
Marianne Wolfe.....	Columbus
Carol Louise Wood.....	Columbus
Melodie Ann Wood.....	Columbus
Roberta Jane Woodmansee.....	Highland
Suzanne Lee Wortman.....	Columbus
Robert Kent Yanok.....	Adena
Judith Lyn Young.....	Columbus
Ronald Ulrich Young.....	Ridgeway
Georgeann Yug.....	Wickliffe
Margaret Zadek.....	Flushing N. Y.
Marjorie Anne Zadesky.....	Lyndhurst
Arturs Zageris, B.Sc.....	Columbus
Richard Jan Zasa.....	Bedford
Ronna Fern Zeid.....	Cleveland
Sandra Anne Zieve.....	Cleveland

(Six hundred and forty-one candidates)

#### Bachelor of Fine Arts

Susan Catherine Bingham.....	Columbus
Marita Bitans.....	Lakewood
Mary Ellen Bower.....	Columbus
Carol Sue Brown.....	Warren
Karen Louise Brown.....	Manhasset, N. Y.
Susan Elaine Chatfield.....	Reynoldsburg
Mardi Lynne Church.....	Chagrin Falls
Joseph Michael Coulter.....	Columbus
Nancy Morrison Crow.....	Loudonville
George Anthony DeStefano.....	Cincinnati
Ronald James Ervin.....	Columbus
Susan Weaver Flora.....	Mansfield
John Willard Fox.....	Columbus
Cynthia Ann Goldman.....	Philadelphia, Pa.
LeAnn Hadley.....	Bellefontaine
Gene Audry Hite.....	Columbus
Rex Leigh Hosler.....	Findlay
Mary Anne Johnson.....	Wooster
Bradford Lee Jones.....	Fairborn
Joanne Katherine Kajder.....	Bedford
Lois Krismeyer.....	River Edge, N. J.
Linda Elizabeth Leas.....	Dayton

William Larry Markin.....	Shelby
Thomas Robert Metzler.....	Warren
Margaret Ann Miller.....	Pittsburgh, Pa.
Jeffery Stuart Nathanson.....	Shaker Heights
Carol Marie Nicklaus.....	Columbus
Gordon Edward Parsons.....	Hinckley
David Stanley Ross.....	Columbus
James William Shaffstall (cum laude).....	Bucyrus
Jane Edwards Shrawder.....	Cuyahoga Falls
Geoffrey Laurence Simpson.....	Chagrin Falls
Martin Thomas Skeeel.....	Columbus
Carl John Smeller.....	Barberton
Betsy Jean Stump.....	Lima
*Elaine Evelyn Triana.....	Cleveland
Robert Lyle White.....	Shadyside
Susan Vanessa Wical.....	Mentor
Katherine Elizabeth Wilson.....	Rocky River

(Thirty-nine candidates)

#### Bachelor of Music

Thomas Alan Baker.....	Cleveland
*Ronald Allen Borrer.....	Wilmington
*James Cade Griesheimer.....	Londonderry
Linda Sue Hoover (cum laude).....	Toledo
David Roger Keane.....	Akron
*Alan Ray Kennedy.....	Canton
Dale Roy Sparlin.....	Cleveland Heights

((Seven candidates)

#### Bachelor of Science in Occupational Therapy

Rebecca Jane Davidson.....	Newark
Sandra Lynne Ferraro.....	Allison Park, Pa.
Suzanne Predmore Fisher.....	Galion
Virginia Ellen Wilson.....	Marietta, Ga.

(Four candidates)

\* Two degrees

# COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

## Bachelor of Aeronautical and Astronautical Engineering

William Roger Beyerly.....	Chillicothe
Leland Arnold Carlson (summa cum laude).....	Ashland
Stephen Eugene Celec.....	Annandale, Va.
John Walter Chadwick.....	Mayville, N. Y.
William Edward Curtis.....	Cleveland
John Thomas Goodall.....	Columbus
Harold Timothy Haller.....	Mendon
Milton Abner Hetrick, Jr.....	Oak Harbor
Thomas Arthur Hirt.....	Strongsville
Robert David LaPrete.....	Steubenville
Dennis Lee Mahan.....	Troy
John James Russell.....	Toledo
Thomas Cenfield Safranek.....	Columbus
Ralph Leo Susey.....	Columbus
Edward Lowell Wilfong.....	St. Marys

(Fifteen candidates)

## Bachelor of Agricultural Engineering

Charles Vandervoort Frederick.....	Deerfield
Daniel Edward Hocking.....	London
Donald Henry Rapp.....	Goshen
Roger Phillip Rohrbach.....	Ashland
Ted Henry Short.....	Delta
Ross Delbert Winegardner.....	Thornville
Edwin Lee Yochum.....	Sardinia

(Seven candidates)

## Bachelor of Ceramic Engineering

Robert Lee Crane (cum laude).....	Columbus
Gerald George Klusch.....	Alliance
Martin John O'Hara.....	Pittsburgh, Pa.
Peter Raudseps.....	Columbus
Judith Wright.....	Dublin

(Five candidates)

## Bachelor of Chemical Engineering

Creighton Reed Anderson, Jr.....	Williamsport
Fredric Carl Arnold (cum laude).....	Fairborn
James Melvin Davidson (cum laude).....	Bladensburg
Oliver Lawrence Davies.....	Wakeman
Vincent Lee DePaola.....	Leavittsburg
Thomas Wesley Doub, Jr. (summa cum laude).....	Kingsport, Tenn.
Ronald Stephen Evanko.....	Rocky River
Frederick Hans Flor, Jr.....	Uniondale, N. Y.
John Paul Gegner.....	Barberton
William Junior Kerns.....	North Lewisburg
Ronald Gary Magley.....	Columbus
Thomas Clarence McKelvey.....	Shadyside

Larry Richard Perkins (cum laude)	North Canton
Louys Wayne Perkins	Bryan
Ronald James Rundt	Bellevue
Paul Henry Schmitz	Akron
William Andrew Smith	Chillicothe
David John Stazenski	Lansing
Richard Munro Veazie	Granville
John Albert Weaver	Vermilion

(Twenty candidates)

### Bachelor of Civil Engineering

Richard Raymond Anderson	Cincinnati
Dale William Bockbrader	Luckey
Milton Gus Bosworth	Hillsboro
Willard Larry DeGross	Archbold
Richard Sterling Donahey, Jr.	Logan
Charles Richard Gebhardt	Columbus
Larry Boyd Kelly	Cincinnati
John Andrew Koller	Vermilion
Leland Milo Kraft, Jr. (cum laude)	Delaware
Alan Edward Krusinger	Worthington
Peter Lane Leffler	Hamilton
Jon Micheal Patton	North Canton
Larry Lee Prickett	Wilmington
Ronald Andrew Slabe	Parma
Richard Ramsay Stander, Jr.	Mansfield
James Kenneth Tousley	Lima
Robert Leo Vecellio	Ironton

(Seventeen candidates)

### Bachelor of Electrical Engineering

David Lee Beamer	Homeworth
Kenneth William Berry	Piketon
Robert Jeffrey Borel (cum laude)	Columbus
*Robert Lee Brotzman (summa cum laude)	Mondovi, Wis.
Robert Earl Brown	West Lafayette
Leonard Marshall Chansky	Washington, D. C.
James Howard Cook (cum laude)	Jefferson
Lamar Paul Craig	Clyde
Curtis Harry Davis	Findlay
Arthur Clayton Eberle	Parma
William Wesley Etter (summa cum laude)	Casstown
Richard Earl Frye	Mansfield
Steven Ray Gardner	Worthington
Kenneth Duane Gilmore, Jr.	Mansfield
William Manning Green, Jr.	Blue Ash
John Samuel Harbaugh	Ashland
Gordon Kenneth Harris, Jr. (summa cum laude)	Columbus
Irvin Robert Hayes	Ashtabula
Charles Eugene Hippler	Tiffin
Philip Franklin Honsberger (cum laude)	Sycamore
James Henry Jones	Massillon
John James Kerr III	Auburn, Ind.
George Bell McGlashan	Cleveland

\* Two degrees

Gorman Wayne Meadors.....	Cincinnati
Charles Odoms.....	Cleveland
Vidyut Navinchandra Parikh.....	Ahmedabad, Gujarat, India
Lawrence James Rennie.....	Columbus
Stanley Rivers.....	Atlanta, Ga.
Gary Lee Rupp.....	Wauseon
James David Sipes (cum laude).....	Galion
John Roger Slusser.....	Vaughnsville
Lawrence Bruce Snyder (summa cum laude).....	Lewisburg
Kenneth Lee Spicer.....	Pemberville
Robert Eugene Stewart.....	Waverly
Larry Allen Stockum.....	Coshocton
Frank Arthur Swartz.....	Delaware
Kenneth Edwin Teeters.....	Columbus
Robert Joseph Theriault.....	Barberton
James David Walker.....	Columbus
William Craig Wallace.....	Mt. Sterling
Gary Lee Wells.....	Westerville

(Forty-one candidates)

### Bachelor of Industrial Engineering

William Morris Barchard.....	Vermilion
Virgil Lawrence Broering.....	Springfield
John Allen Duncan.....	Greenville
Philip Lee Edelsberg.....	Columbus
Curtis Benjamin Flora.....	Dayton
John Edward Geuss.....	Youngstown
Walter James Gray.....	Columbus
Dennis Lee Groves.....	Louisville
William Emery Jones, Jr.....	Ravenna
Charles Erwin Kirk.....	Columbus
Rodger Calvin Lisk.....	Hilliard
John Whitney Luce, Jr.....	Maumee
Eric David Robinson.....	Utica
Thomas David Rohr.....	Fremont
Dennis Clarence Schultz.....	Elyria
Lazaro Schwartzman-Rabinovich.....	Medellin, Colombia
Thomas Eugene Sudman (cum laude).....	Canton
Richard Stanley Tracy.....	Cleveland

(Eighteen candidates)

### Bachelor of Mechanical Engineering

David Michael Clabaugh.....	Lockbourne
Alvie Lee Crowell.....	Sylvania
Robert Henry Davidson.....	Columbus
Leopold Fuchs.....	Mansfield
Dennis Paul Gerbasi.....	Niagara Falls, N. Y.
William Sandford Gulick.....	Westlake
Benny Louis Hauman.....	Newark
Robert John Holliday.....	Campbell
David Erle Houser.....	Marion
John Geza Huber.....	Cleveland
*James Lee Hussey.....	Mt. Pleasant
Robert Dale Izer.....	Mansfield

\* Two degrees

Jeffrey Allen Jones	Martins Ferry
Raman Laljibhai Kapadia	Bombay, India
Ralph Dean Lahmon	Granville
Christian Peter Lerch	Parma
Kenneth Lee Lewis	Beach City
Lawrence Edward Mentzer	Adena
Jack Allen Myers	Dayton
John Harmon Myers	Waynesville
Val L. Osinski	Ashtabula
Thomas Warren Prasuhn	Cloumbus
Christopher Stewart Rockwell	Mentor
*Peter Thomas Sadow, Jr. (cum laude)	Dayton
George Albert Sandmann IV	Lakewood
Dennis Alan Schaffer	Kent
George Edward Scherff	Tontogany
D. Scott Shaw	Kettering
Edward Joseph Slattery	Columbus
William Joseph Slattery	Columbus
James Oren Smith	Sherrodsville
Imants Albert Viksne	Springfield
James Thomas Weissert	Akron
John William Young	Hillsboro
Dennis Robert Zeiger	Rocky River
William John Zelazny	Brecksville

(Thirty-six candidates)

#### Bachelor of Metallurgical Engineering

David Paul Cianelli	Columbus
James Arthur Davis	Worthington
Michael Joseph DeLuca	Cleveland
Thomas Eschman Dunham (cum laude)	Granville
Robert Jay Purdy, Jr.	Piqua
Thomas James Smith	Cincinnati

(Six candidates)

#### Bachelor of Engineering in Mining

Paul Wellington Marshall	Cleveland
Larry Ronald Willison	Springfield

(Two candidates)

#### Bachelor of Science in Physics

David Lee Clark	Waverly
Robert Ward Coakley	Rochester, N. Y.
*Richard Gatts Fischer	Dayton
John Douglas Goss (summa cum laude)	Columbus
Frederick Fadlow Haddad, Jr.	Parma
Robert Michael Hoge	Columbus
Joseph Edward Jones, Jr.	Martins Ferry
Russell Edward LaFever	Alliance
Edward David McDowell	Orrville
Roman William Olynyk	Youngstown
Robert Wilson Schmauder, Jr.	Laureldale, Pa.
Nathan Wells Wilson	Circleville

(Twelve candidates)

\* Two degrees

### Bachelor of Welding Engineering

Robert Dwight Amspoker (cum laude) . . . . . Cuyahoga Falls  
David Lee Gardner . . . . . Columbus

(Two candidates)

## SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE

### Bachelor of Architecture

Frank Joseph Adams . . . . . Columbus  
Charles Henry Baber . . . . . Columbus  
Raymond Paul Baird . . . . . Hilliard  
Phillip Malcolm Begley . . . . . Glen Ellyn, Ill.  
Stanley Martin Berns . . . . . Columbus  
Robert Lee Buckner . . . . . Columbus  
Gerald Lee Butler . . . . . Kent  
Sze-Foo Yen Chu . . . . . Gelang, Singapore, Malaya  
Robert Louis DeSilets . . . . . Drexel Hill, Pa.  
Nancy Carol Donley . . . . . Columbus  
Kevin Patrick Flaherty . . . . . Cleveland  
Jeffrey Bruce Gordon . . . . . Columbus  
Jean Dalton Hansford . . . . . Wilmington  
Maryetta Jane Huddleston . . . . . Wabash, Ind.  
Everett Ray Johnson . . . . . Pomeroy  
Robert Edwin Jones . . . . . Chagrin Falls  
Harry Hung Kwan Lau . . . . . Hong Kong, China  
Merle Duane Lochner . . . . . Dayton  
Michael Beck Noll . . . . . Lancaster  
Boymah Konah Sandoo . . . . . Monrovia, Liberia  
Wayne LeRoy Schlegel . . . . . Cleveland  
Ralph Walter Smithers . . . . . Columbus  
Martin Franklin Strayer, B.S. (Bluffton College) . . . . . Spencerville  
Eneri Laasi Tooma . . . . . Pittsburgh  
Douglas F. Trees . . . . . Columbus  
William Philip White . . . . . Lima

(Twenty-six candidates)

### Bachelor of Landscape Architecture

James William Conover, B.S. (East Tennessee State College) . . . Columbus

(One candidate)

# COLLEGE OF LAW

Dean: FRANK R. STRONG

## Juris Doctor

David Stewart Cupps, A.B. (Harvard University) . . . . . Barton  
Frederick Olds Jolley, A.B. (Miami University) . . . . . Mt. Gilead  
Thomas Michael Tyack, B.A. . . . . Columbus  
Robert William Werth, B.A. . . . . Clyde  
Dale Edward Williams, B.A. . . . . Port Clinton

(Five candidates)

## Bachelor of Laws

John Michael Acton, B.S. in Edu. (Miami University) . . . . . West Milton  
James Roe Beatley, Jr., B.A. . . . . Columbus  
Paul John Borowitz, B.Sc. in Soc. Adm. . . . . Columbus  
William Eck Boyland, B.A. . . . . Tallmadge  
Elliot David Burick, B.S. (University of Wisconsin) . . . . . Dayton  
James Hall Callard, B.Sc. in Bus. Adm. . . . . Columbus  
Bruce Allen Campbell, B.S. (Purdue University) . . . . . Kettering  
John Frederick Casey, B.Sc. in Agr. . . . . Columbus  
Robert Peterson Chalfant, A.B. (University of Pennsylvania) . . . . . Steubenville  
James LaMar Dickman, B.Sc. in Bus. Adm. . . . . Columbus  
Robert Joseph Dodd, Jr., B.S. in S.S. (John Carroll University) . . . . . Columbus  
Alan Theodore Durst, B.A. (Kent State University) . . . . . Columbus  
Richard Fred Ellenberger, B.A. (Ohio Wesleyan University) . . . . . Erie, Pa.  
Richard Shinbach Fain, A.B. (University of Michigan) . . . . . Toledo  
Arthur Fant, B.S. (Purdue University) . . . . . South Euclid  
Robert Terence Fasic, B.A. . . . . Worthington  
Brian Arndt Freeman, A.B. (Oberlin College) . . . . . McKean, Pa.  
Thomas Lynn Gire, B.A. . . . . Columbus  
Joseph Aloysius Gormley, B.A. . . . . Zanesville  
Donald Edgell Guinn, B.A. . . . . Columbus  
Stephen Stalter Gussler, B.A. . . . . Columbus  
Robert Allen Hagler, A.B. (Denison University) . . . . . Xenia  
Leo Joseph Hall, B.A. . . . . Columbus  
Thomas Albert Hansen, A.B. (Ohio Northern University) . . . . . Clayton  
Denis Lee Hemmerle, B.A. (University of Notre Dame) . . . . . Cincinnati  
Philip Barton Herron, B.A. (Ohio Wesleyan University) . . . . . Columbus  
Richard Charles Hill, B.I.E. . . . . Columbus  
David William Holman, A.B. (Denison University)

Naugatuck, New Haven, Conn.

Ronald E. Hothem, B.A. (Otterbein College) . . . . . Wooster  
Franklin Delano Jankosky, B.S. (Pennsylvania State University) . . . . . Columbus  
Peter Joseph Jerardi, Jr., B.S.C. (Ohio University) . . . . . Hamilton  
Samuel Wagner Kerr, B.A. (Washington and Jefferson College)

Steubenville

Francis Gillen Knipe, B.S. (College of the Holy Cross, Massachusetts)

Cleveland Heights

Thomas Gene Knoll, A.B. (Miami University) . . . . . Sandusky  
Charles Jewett Kurtz III, B.A. (Williams College) . . . . . Columbus  
Jay Larry Lacksen, B.A. . . . . Columbus  
James Kaufman Lawrence, B.A. . . . . New York, N. Y.  
James Herbert Ledman, A.B. (Duke University) . . . . . Ashland  
Frederick Elton Lewis, B.S. in Bus. (Miami University) . . . . . Shandon  
Thomas Harold Lindsey, B.S. Engr. Sci. (Purdue University) . . . . . Columbus





# COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

## Doctor of Medicine

Ronald Ceasar Agresta, B.A. (Washington and Jefferson College)	Steubenville
Alan Ames Alexander, B.A. (Ohio Wesleyan University)	East Cleveland
Joseph Henry Banks, Jr., B.A. (Ohio Wesleyan University)	Akron
Kenneth Behymer, B.Sc.	Mason
Joseph Peter Bender, A.B. (Wittenberg University)	Bellville
Victor William Binkley, B.S. (Findlay College)	Celina
Paul David Bunn, B.A. (DePauw University) (cum laude)	Kent
David Leslie Bunner, B.Sc. (summa cum laude)	Columbus
John Clarence Burchfield, B.S. (Michigan State University)	Holland
Joel Stevens Carr, B.S. (Mount Union College)	Massillon
Samuel Cataland, B.Sc.	Campbell
Larry Edward Clark, A.B. (Miami University)	Dayton
Lowell Erskine Clark, B.Sc.	Columbus
Tommy Lee Cochran, B.S. (Capital University)	Columbus
Michael Paul Corder, B.S. (Capital University)	Columbus
Henry George Croci, B.S. (University of Detroit)	Toledo
Thomas Henry Croghan, B.S. (Otterbein College)	Dayton
Alton Goodman Cummings, Jr., A.B. (Cornell University)	Cleveland Heights
Henry Lawrence Danaceau, A.B. (Oberlin College)	Shaker Heights
Frederick Harold Davidorf, B.Sc., M.Sc.	Columbus
*Carolyn Sue Dixon	Waynesfield
Verne Harold Dodson, B.I.E. (General Motors Institute)	Columbus
Charles Joseph Doyle, B.S. (Georgetown University)	South Euclid
David Lee Dudgeon, B.S. (Capital University)	Jackson Center
Jacob Hansel Elberfeld, B.S. (Otterbein College)	Westerville
David Edwin Eriksen, B.S. (Denison University)	Maumee
Elaine Carol Esber, B.A. (Kent State University)	Akron
*Daniel David Failoni, A.B. (Western Reserve University)	Uhrichsville
Alan Kent Fairchild, B.A. (Olivet Nazarene College)	Newark
Richard Lee Fassett, B.Sc.	Ashtabula
Ross Leland Finkelman, B.A. (Northwestern University)	Middletown
David Paul Fisher, B.A. (Ohio Wesleyan University) (cum laude)	Elmore
Jerry James Foster, B.Sc.	Coshocton
Harvey Morton Freedman, B.Sc.	Columbus
Gerald Franklin Gabe, B.Sc. in Phar.	Newark
David Cornell Ganch, B.Sc.	Toledo
Ralph Gardener, A.B. (Western Reserve University)	Cleveland Heights
Arthur Gardikes, B.Sc.	Columbus
Robert Lee Gerber, B.A. (Goshen College)	Dalton
James Joseph Gilbert, B.S. (University of Notre Dame)	Columbus
Richard Luther Gilmor, B.S. (Baldwin-Wallace College)	Wooster
Allan Robert Goldstein, A.B. (Western Reserve University)	Cleveland Heights
Larrie Warren Greenberg, B.S. (University of Toledo)	Toledo
John Samuel Gremer, B.S. (Bowling Green State University)	Canton
David Clark Grout, B.A. (Ohio Wesleyan University)	Dayton
Jerry Thomas Guy, B.S. (Bowling Green State University) (summa cum laude)	Bellefontaine
Phillip Marvin Hall, B.S. (Ohio Northern University)	Ashtabula

\* Two degrees

James Francis Hamilton, B.Sc.....Columbus  
James Lincoln Hauser, B.Sc.....Dayton  
Larry Leslie Heller, B.S. in Pharm. (Ohio Northern University)  
New Philadelphia  
John Richard Herd, B.Sc.....Columbus  
James Stephen Hering, B.A. (Ohio Wesleyan University).....Cleveland  
Jerry M. Herron, B.Sc.....Dublin  
Christopher Lang Hiatt, A.B. (Oberlin College).....Columbus  
Milo Duane Hilty, B.Sc.....Swanton  
Jon Melvin Hogenkamp, B.S. (University of Dayton).....Minster  
Richard Eugene Holzheimer, A.B. (Providence College).....Euclid  
John David Huffman, B.S. (Springfield College, Massachusetts)....Dayton  
Michael Alan Hurwitz, B.A.....Cincinnati  
Ralph Hylinski, B.S. (University of Toledo).....Oregon  
Roger Drake Jenkins, B.Sc.....St. Paris  
\*Carl J. Johnson, B.S., D.V.M. (Michigan State University) ... Warren, Ind.  
John Constantine Johnson, B.A.....Portsmouth  
Owen Elwood Johnson, B.Sc.....Columbus  
David Robert Kelly, B.S. (University of Dayton).....Marion  
Myron Richard Kem, B.A. (Northwestern University).....Dayton  
Edward Donald Layne, B.Sc.....Columbus  
Robert Irwin Lesowitz, B.S. (University of Akron).....Akron  
Robert Alan Lewis, B.Sc.....Jeromesville  
Carl Harbourt Linge, B.A. (College of Wooster).....Elyria  
Harvey Lyons, B.Sc.....University Heights  
Joseph R. Macys, A.B. (Western Reserve University).....Cleveland  
Paul James Mahar, Jr., B.S. (University of Notre Dame) (cum  
laude) .....Canfield  
Thomas Howard Mallory, A.B. (Miami University).....Hillsboro  
Anthony Lynn Mansell, A.B. (Princeton University).....Canton  
Louis Gerard Martin, B.Sc.....Columbus  
William Thomas Martin, B.S. in M.E. (Case Institute of Technology)  
Canton  
John David Matz, A.B. (Miami University).....Willoughby  
Joseph Lee McCreedy, B.Sc.....Akron  
David Richard McNutt, A.B. (Columbia University).....Toledo  
Roger Frederick Meyer, B.S. (University of Michigan).....Defiance  
Lawrence Bernard Meyerson, B.A. (cum laude).....Columbus  
Daniel Jay Miller, B.A. (Goshen College).....Dundee  
Douglas Allen Miller, B.A.....Columbus  
Jack Bernard Miller, B.A. (Northwestern University); M.Sc.  
University Heights  
\*William Henry Montgomery, B.Sc.....Dayton  
Boyd J. Mullholand, B.Sc.....Lake Worth, Fla.  
Roary Adlai Murchison, Jr.....Ft. Smith, Ark.  
William Ambler Myers, B.S.Sec.Edu. (West Virginia University)  
(cum laude).....Columbus  
David Webster Nardin, B.A. (Ohio Wesleyan University).....Columbus  
Bruce Edgar Northrup, B.A. (Amherst College); M.A.....Marietta  
Michael Gary Orgel, B.A.....Canton  
James Joseph Powers, B.S. (University of Notre Dame).....Ashley  
Robert Allen Pugliese, A.B. (Miami University).....Cleveland  
Nicholas Eugene Reed.....Celina  
William Reynolds, B.Sc.....Middletown  
George John Rice, B.Sc.....Columbus

\* Two degrees



Mary Ann Gibboney.....	Middletown
Patricia Marie Grady.....	Columbus
Martha Julane Linebaugh.....	Dayton
Donna Parrot Rose.....	Apple Creek
Janice Elizabeth Siebenaler.....	Columbus

(Seven candidates)

## SCHOOL OF NURSING

### Bachelor of Science in Nursing

Jane Strohmenger Alden.....	Cincinnati
Elizabeth Ann Allen.....	Columbus
Joanne Yax Allen.....	Parma
Carolyn Fargo Azbell.....	Columbus
Carol Frances Baker.....	Columbus
Sue Ellen Barnhill.....	Columbus
Barbara Bergandine.....	Sunbury
Joanne Mary Bergole.....	Bedford
Kathleen Ann Bouman.....	Cleveland
Barbara Ann Brewster.....	Mentor
Louana Sue Brooks.....	Bay Village
Marilyn Kay Brown.....	Cleveland
Sharon Lynn Brubaker (summa cum laude).....	Piqua
Jo Ellen Bryson.....	Springfield
Lyn Marie Burke.....	Westlake
Kathie Sue Burrell.....	Jewett
Marcia Janet Burstein.....	Toledo
Barbara Ann Butler.....	Wellston
Kathryn Bender Carson.....	Fairview Park
Mary Ann Carson.....	Lockland
Elizabeth Emery Chenoweth.....	London
Barbara Jean Cousino.....	Oregon
Susan Dawson Derr.....	Columbus
Carol Jane Dowler.....	Columbus
Judith Elizabeth Dulmage.....	Bay Village
Mary Ellen Eakin.....	Canal Winchester
Vivian Rae Elias.....	Cleveland Heights
Judith Gump Ellis.....	Chillicothe
Karen Markham Erwin.....	Columbus
Sandra Kathleen Evans.....	Columbus
Constance Smith France (cum laude).....	Columbus
Janet Louise Frank (cum laude).....	Shelby
Eleanor Margaret Friedmann.....	Bluffton, Ind.
Valentina Agnes Gladd (cum laude).....	Hubbard
Wendy Ann Goheen.....	Alliance
Judith Ann Goodman.....	Columbus
Cheryl Diane Gray.....	North Canton
Gloria Jean Grill.....	Toronto
Mary Jane Werstler Gwin.....	Creston
Sherron Lynn Herdtner.....	Brecksville
Anne Bechtle Hering.....	Marion
Carol Anne Herrington (cum laude).....	Toledo
Lois Anne Hock.....	Columbus
Ruth Elaine Hoon.....	Uhrichsville
Bonnie Lee Husse.....	Columbus

Marilyn Arline James..... Vienna  
Sue Ann Kaiser..... Cleveland  
Patricia Reiser Kaye..... Akron  
Patricia Marguerite Keehn..... Warrensville Heights  
Suellen Kelly..... Geneva  
Nancy Ellen Kerr..... Nevada  
Patricia Ann Kertis..... Broadview Heights  
Linda Jane Kidwell (summa cum laude)..... Columbus  
Patricia Ann King..... London  
Alice Faye Knapp..... Castalia  
Lynne Carol Kreutzfeld..... Toledo  
Patricia Wiebusch Light..... Columbus  
Theresa Margaret Long..... Brecksville  
Virginia Ruth Luke (cum laude)..... Cuyahoga Falls  
Sara Lee Mahan (cum laude)..... Akron  
Janice Marie Maline..... Lakewood  
Ruth Elizabeth McCormick..... Salem  
Kerry Cleaves McDowell..... St. Albans, W. Va.  
Cynthia Marie McKnight..... Kettering  
Carolyn Diane Miller..... Columbus Grove  
Carolyn Donovan Mooney..... Delaware  
Judith Ellen Munson..... Akron  
Janet Jean Nailor..... Cincinnati  
Mary Lynn Nichols..... Canton  
Penny Lee Norris..... Eaton  
Saundra Lee Overturf..... Plain City  
Nila Jo Pace..... Grove City  
Joan Grace Parker (cum laude)..... Columbus  
Marlene Marie Parker..... Canal Fulton  
Ellen Ann Peterson..... Medina  
Phyllis Raye Pope..... Gallipolis  
Linda Jane Post..... Forest  
Sandra Sue Reber..... Upper Sandusky  
Astrid Schilbred Ricker..... Philadelphia, Pa.  
Sharon Ann Rinehart..... Mt. Gilead  
Judith Louise Robbins (cum laude)..... Columbus  
Lynn Roberts..... Cleveland  
Carol Jean Rodabaugh..... Lancaster  
Sara Diane Rook..... Chillicothe  
Sheila Evelyn Rosner..... Union, N. J.  
Betty Harriet Rutter..... Grove City  
Betty Dora Scherer..... Tallmadge  
Joyce Ann Schnelker..... Galion  
Karen Thompson Shaffer..... Mt. Vernon  
Suzanne Elaine Shaffer..... Akron  
Sandra Sue Shaw..... Columbus  
Donna Ruth Shirk..... Marysville  
Marlene Solomon..... Columbus  
Roberta Mernette Spandau..... Wintersville  
Mary Alice Spence..... Willowick  
Catherine Anne Sprague..... Defiance  
Patricia Gallen Stern..... Columbus  
Shirlee Ann Stokes..... Geneva  
Drue Elizabeth Thayer..... Defiance  
Patricia Ann Tokarz..... Lorain  
Pamela-Rae Van Nostran..... Akron

Betty Ann Van Sluyter.....Cincinnati  
 Suzanne Ann Vaughn.....Youngstown  
 Sue Ellen Wagner.....Grove City  
 Gail Meyer Webb.....Kettering  
 Marilyn Sue Wheeler.....Dayton  
 Elizabeth Ann Witschey.....Glenshaw, Pa.  
 Janet Bradley Wittenbrook.....Ashtabula  
 Phyllis Anne Wolfe.....Vincennes, Ind.  
 Nancy Neslie Wuchter.....Stow  
 Norann Lou Yanosh.....Greensboro, Pa.  
 Kathryn Foreman Zahniser.....Tacoma, Wash.

(One hundred and twelve candidates)

# COLLEGE OF PHARMACY

Dean: LLOYD M. PARKS

## Bachelor of Science in Pharmacy

Raymond Carl Anderson, Jr.	Columbus
Paul William Anthony	Bellevue
Larry Wayne Beckel	Columbus
Robert Eugene Berridge	Columbus
Robert Joseph Borchers	Fort Loramie
Howard Douglas Davis	Waverly
Louis Michael DeSantis (cum laude)	Columbus
Joel Mark Frank	Youngstown
Russell Edward Gortner, Jr.	Wooster
Demetrios Gregorios Gregoriades	Columbus
Melvin Jay Gross	Cleveland Heights
Michael Henry Haney	Xenia
Donald Eugene Harris	Newark
Richard Heffelfinger	Canton
James Richard Ingrassia	Amherst
Thomas Larry Jirles	Cambridge
Dale Keith Kegley	Portsmouth
Marilyn Elaine Keish	Campbell
Mary Poole Knapp	Canton
Billy Lynn Latta	Napoleon
Gary Dunham Leggett	Kinderhook, N. Y.
John Robert Lemon	Hebron
Larry Lee Lewis	Hillsboro
Ralph LeRoy Lyon	Caledonia
Louis Walter Marcy	Parma
Ronald Joseph McCulley	Bellaire
William Miller	Bryan
Larry Moore	Fremont
Charles Pratt Riffle	Pomeroy
Robert Allen Ringgenberg	Middletown
Carl Robert Rittberger	Zanesville
Forest Timothy Rogers	Stow
Lawrence Eugene Salyer	Columbus
Jerome Ralph Schindler	Celina
Kent William Schindler	Mansfield
Irene Antonia Schwarz	Cleveland
Thomas Patrick Sherrin	Dillonvale
Sheldon Jay Singer	South Euclid
Laura Harold Smith	Marietta
Melvin Harris Stone	Cleveland Heights
Mary Josephine Stvartak	Columbus
Paul Thomas Tavano	Cleveland
Richard Andrew Thompson	Cambridge
Harold Drue Thornton	Cleveland
Michael Peter Thur (cum laude)	Cleveland
Charles Joel Wagner	Kenmore, N. Y.
Linda Barbara Wick	Worthington
Ronald Lee Wollett	Columbus
James Walter Worthington	Columbus
Chad Jerome Wright	Dillonvale

(Fifty candidates)



# COLLEGE OF VETERINARY MEDICINE

Dean: WALTER R. KRILL

## Doctor of Veterinary Medicine

James George Aftosmis, B.S., M.S. (University of Connecticut)	North Haven, Conn.
Eugene Joseph Alessio, B.Sc. in Agr.....	Akron
Paul Edward Armstrong.....	Dayton
Earl Frederick Arnholt, Jr.....	Loudonville
William Dorsey Beam, B.Sc. in Agr.....	Moundsville, W. Va.
George Wesley Bishop.....	Milford Center
Joseph Roger Boynton.....	Wheelersburg
Paul Alvin Brandon.....	Lorain
Leonard Edward Breiding.....	Akron
James Orin Brick.....	Magnolia
Gerald Bruce Briggs, B.Sc. in Agr.....	Wooster
Starlin Gary Brown.....	Cincinnati
Samson Chema.....	Mombasa, Kenya
Pedro A. Cintron-Zayas, B.S. in Agr. (University of Puerto Rico)	Aguirre, Puerto Rico
Lon Edward Cromley, B.Sc. in Agr.....	Ashville
Harold John Cunningham.....	Oregon
William Irvin Deisher, B.S. (Manchester College, Indiana) ...	New Lebanon
Thomas Parry Deters.....	Harrison
*Thomas Victor Dickerson.....	Columbus
Philemon Jean Dill III.....	Lockbourne
James Evan Edwards, B.Sc. in Agr.....	Columbus
Martha Floer Farkas.....	Cincinnati
Don David Farst.....	Zanesville
*Charles Walter Glaser.....	Leipsic
Sharon Dale Hague, B.Sc. in Agr.....	Wooster
Homer Hugh Harroff, Jr.....	Youngstown
Joseph John Higgins.....	Toledo
Donald Eugene Jackson.....	Kettering
*Richard Laurens Jeffries.....	Columbus
Zachariah Marshall Johnson, B.S.Agr. (West Virginia University)	Marlinton, W. Va.
Marvin Orlo Jones, B.Sc. in Agr.....	Grelton
James Nevin Kantzer.....	Marion
Donald Christian Kentner.....	Columbus
William Gerdes Klein.....	Cincinnati
Barbara Jeanne LaLonde.....	Lakewood
Peggy Wittkop Larson.....	Devils Lake, N. Dak.
Irwin Leav, B.A.....	Youngstown
Dennis Eugene Lehman.....	Elyria
Edward Leroy Lepley.....	Bellevue
Barry Thomas Long.....	Olmsted Falls
Kerry Nold MacGowan, B.Sc.....	Cleveland
John Arthur Maik.....	Bellevue
Richard Joseph Marshall.....	Cleveland
William Phillip Marsland, B.Sc. in Agr.....	Youngstown
Asa Mays, Jr., B.Sc.....	Columbus
Virgil Francis McKee, B.Sc. in Agr.....	West Alexandria
James Scott McOwen.....	Delray Beach, Fla.
James Oliver Murray.....	Mt. Sterling

\* Two degrees

Gerald Arthur Nelson.....	Avon Lake
Roger James Odenweller.....	Delphos
Jeffrey James Peacock.....	Marion
Frank William Perusek, B.Sc. in Agr.....	Cleveland
Norman John Pinfold.....	Cincinnati
Robert Baring Prynne, B.Sc. in Agr.....	Youngstown
George Thomas Reed.....	Hudson
Daniel Howard Ringler.....	Rochester
Donald Holmes Roloff.....	Cincinnati
James Neil Ross, Jr. (cum laude).....	Norwalk
George Nostrand Rowland, A.B. (Miami University) (cum laude)	Cincinnati
Ronald Norman Sampsel, B.Sc. in Agr.....	Fairview Park
Dennis Robert Scanlan.....	Erlanger, Ky.
Lawrence Edward Smith, B.Sc. in Agr.....	Belpre
Ronald Lee Smith.....	Worthington
Keith Edward Sugaski, A.B. (Oberlin College) (summa cum laude)	Wellington
Edward Ellis Tindall, B.S. (Rutgers University).....	Cranbury, N. J.
John Robert Tomlinson, B.S.Agr. (West Virginia University)	(cum laude).....
	Sinks Grove, W. Va.
Stephen David Waldman.....	Warren
David Carl Wallenhurst.....	Massillon
Thomas Edwin Watson, B.Sc. in Agr.....	Englewood, Fla.
Richard Austin Weaver, B.S. (Heidelberg College).....	Canton
*William Harry Weber.....	Columbus
William Sprigg Webster, A.B. (Oberlin College).....	Dayton
Herman Paul Wolfe, B.S. in Agr. (Kent State University).....	Marshallville
Jack Walter Workman, B.S.Agr. (West Virginia University)	South Charleston, W. Va.
David Gary Zipf.....	Worthington

(Seventy-five candidates)

\* Two degrees

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